

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092518\  
 Data File : VD060086.D  
 Acq On : 25 Sep 2018 11:32  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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apatel  
 9/26/2018 12:22:04 PM

Quant Time: Sep 25 14:49:00 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.39  | 168  | 1714861  | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 7.42  | 114  | 2355472  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.27 | 117  | 1909887  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152  | 995902   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.76   | 65  | 666702   | 49.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.70%  |      |
| 35) Dibromofluoromethane  | 6.30   | 113 | 932822   | 50.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.38% |      |
| 50) Toluene-d8            | 9.44   | 98  | 2624644  | 51.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.92% |      |
| 62) 4-Bromofluorobenzene  | 12.42  | 95  | 1002938  | 51.47 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 829481  | 45.823  | ug/l | 98     |
| 3) Chloromethane              | 1.75 | 50  | 793389  | 49.618  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.84 | 62  | 665455  | 51.770  | ug/l | 99     |
| 5) Bromomethane               | 2.14 | 94  | 110183  | 72.417  | ug/l | 94     |
| 6) Chloroethane               | 2.25 | 64  | 191191  | 66.531  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.49 | 101 | 795842  | 56.236  | ug/l | 100    |
| 8) Diethyl Ether              | 2.82 | 74  | 166519  | 55.353  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.07 | 101 | 509444  | 57.088  | ug/l | 99     |
| 10) Methyl Iodide             | 3.23 | 142 | 577403  | 61.092  | ug/l | 92     |
| 11) Tert butyl alcohol        | 3.95 | 59  | 225930  | 209.374 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.06 | 96  | 405809  | 57.513  | ug/l | 91     |
| 13) Acrolein                  | 2.98 | 56  | 133981  | 200.500 | ug/l | 97     |
| 14) Allyl chloride            | 3.52 | 41  | 830080  | 55.783  | ug/l | 98     |
| 15) Acrylonitrile             | 4.07 | 53  | 995222  | 244.334 | ug/l | 99     |
| 16) Acetone                   | 3.14 | 43  | 676213  | 261.902 | ug/l | 99     |
| 17) Carbon Disulfide          | 3.30 | 76  | 1312066 | 53.970  | ug/l | 100    |
| 18) Methyl Acetate            | 3.54 | 43  | 287450  | 54.743  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 4.11 | 73  | 1594252 | 48.900  | ug/l | 99     |
| 20) Methylene Chloride        | 3.70 | 84  | 965183  | 52.965  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.08 | 96  | 938604  | 50.691  | ug/l | 96     |
| 22) Diisopropyl ether         | 4.84 | 45  | 3436190 | 50.624  | ug/l | 97     |
| 23) Vinyl Acetate             | 4.79 | 43  | 9432312 | 245.289 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 4.74 | 63  | 1580969 | 51.903  | ug/l | 100    |
| 25) 2-Butanone                | 5.60 | 43  | 1539174 | 220.914 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 5.57 | 77  | 1225460 | 51.748  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 5.57 | 96  | 983664  | 50.787  | ug/l | 99     |
| 28) Bromochloromethane        | 5.91 | 49  | 755186  | 51.577  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.94 | 42  | 857091  | 229.384 | ug/l | 100    |
| 30) Chloroform                | 6.08 | 83  | 1594183 | 51.608  | ug/l | 99     |
| 31) Cyclohexane               | 6.35 | 56  | 1374121 | 46.267  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 6.27 | 97  | 1305489 | 50.956  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 6.51 | 75  | 1160250 | 49.588  | ug/l | 99     |
| 37) Ethyl Acetate             | 5.68 | 43  | 726524  | 45.153  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 6.48 | 117 | 1070427 | 49.008  | ug/l | 99     |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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apatel  
 9/26/2018 12:22:04 PM

Quant Time: Sep 25 14:49:00 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.02  | 83   | 1352488  | 51.098  | ug/l   | 98       |
| 40) Benzene                    | 6.77  | 78   | 3058177  | 51.281  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.92  | 41   | 433890m  | 51.486  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 6.88  | 62   | 877938   | 49.029  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.33  | 43   | 1040045  | 48.277  | ug/l   | 98       |
| 44) Trichloroethene            | 7.73  | 130  | 941164   | 51.080  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 8.08  | 63   | 820235   | 51.437  | ug/l   | 98       |
| 46) Dibromomethane             | 8.20  | 93   | 517331   | 49.721  | ug/l   | 94       |
| 47) Bromodichloromethane       | 8.48  | 83   | 1159464  | 51.687  | ug/l   | 100      |
| 48) Methyl methacrylate        | 8.23  | 41   | 577192   | 48.106  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 8.22  | 88   | 111030   | 931.681 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.33  | 43   | 3159121  | 218.805 | ug/l   | 97       |
| 52) Toluene                    | 9.54  | 92   | 1931862  | 50.539  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.90  | 75   | 1043714  | 49.886  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.09  | 75   | 1292323  | 51.698  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.17 | 97   | 636211   | 47.936  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.02 | 69   | 726502   | 49.351  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.37 | 76   | 980107   | 50.029  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.91  | 63   | 1817943  | 255.737 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.47 | 43   | 2344508  | 228.446 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.63 | 129  | 830539   | 51.414  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.75 | 107  | 677092   | 49.412  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.24 | 164  | 827010   | 49.078  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.30 | 112  | 2104102  | 51.242  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.41 | 131  | 732281   | 52.874  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.42 | 91   | 3470191  | 52.515  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.56 | 106  | 2578275  | 105.647 | ug/l   | 99       |
| 69) o-Xylene                   | 11.93 | 106  | 1279911  | 52.929  | ug/l   | 93       |
| 70) Styrene                    | 11.95 | 104  | 2135420  | 52.520  | ug/l   | 99       |
| 71) Bromoform                  | 12.11 | 173  | 605644   | 50.899  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.26 | 105  | 3469456  | 53.118  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.13 | 43   | 1266422  | 48.949  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.55 | 83   | 737148   | 49.749  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.59 | 75   | 751915   | 49.435  | ug/l   | 99       |
| 77) Bromobenzene               | 12.53 | 156  | 990914   | 52.667  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.63 | 91   | 4344261  | 52.891  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.70 | 91   | 2408332  | 51.949  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.79 | 105  | 2697613  | 53.885  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.33 | 75   | 229872   | 50.066  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.81 | 91   | 2683450  | 52.649  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 13.04 | 119  | 3080133  | 53.108  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.08 | 105  | 2786589  | 52.160  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.22 | 105  | 3571166  | 51.872  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.34 | 119  | 3011092  | 54.076  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.31 | 146  | 1724303  | 52.702  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.39 | 146  | 1710887  | 51.555  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.64 | 91   | 2876132  | 56.449  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 746327   | 54.115  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1406621  | 53.886  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.22 | 75   | 102544   | 45.396  | ug/l # | 55       |

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Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 13 16:17:40 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.78 | 180  | 1191869  | 51.119 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.87 | 225  | 815039   | 52.845 | ug/l  | 99       |
| 95) Naphthalene            | 14.96 | 128  | 1782471  | 49.502 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180  | 1031408  | 50.198 | ug/l  | 99       |

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

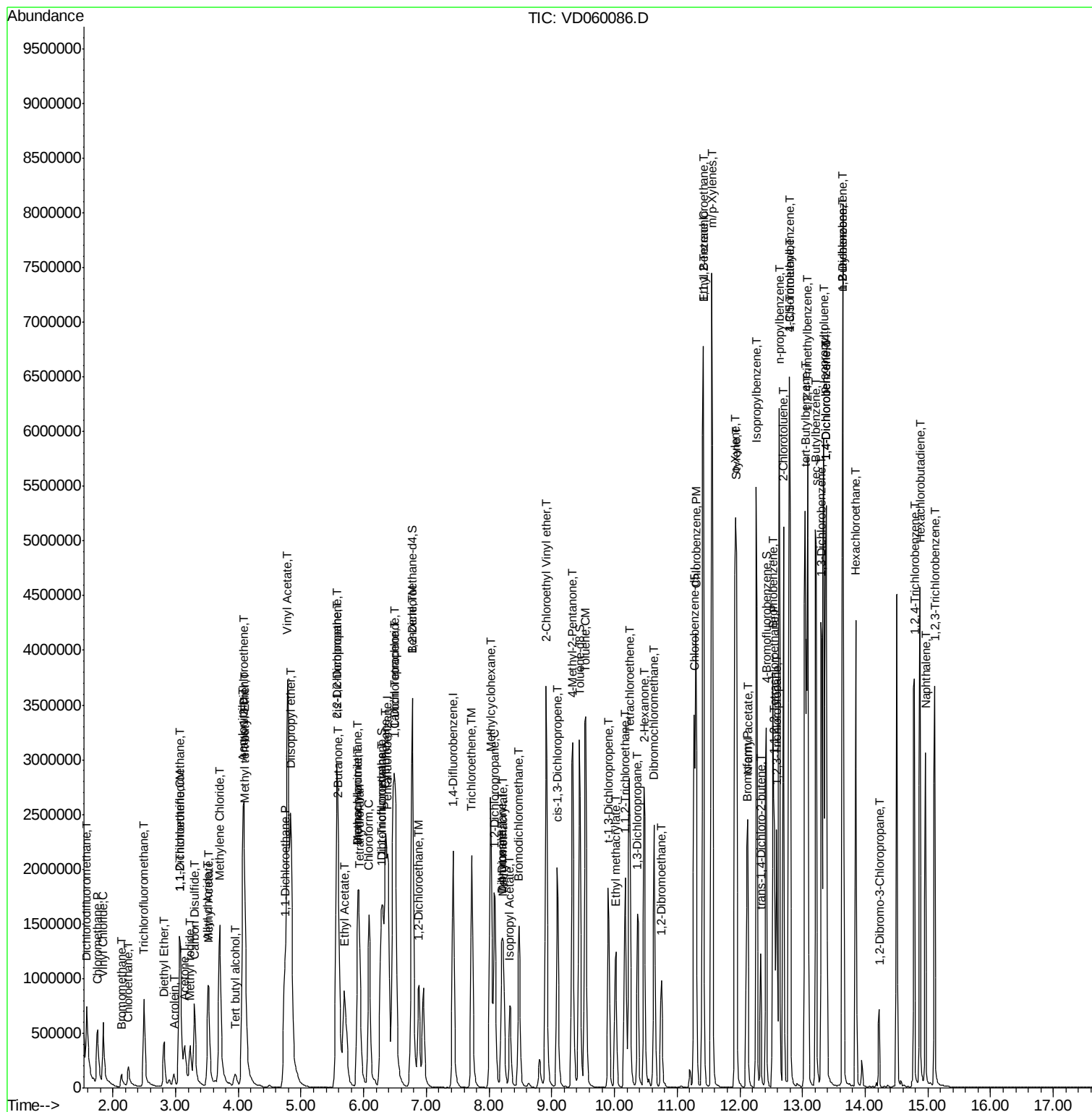
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092518\  
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 Operator : VA/AP  
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 ALS Vial : 2 Sample Multiplier: 1

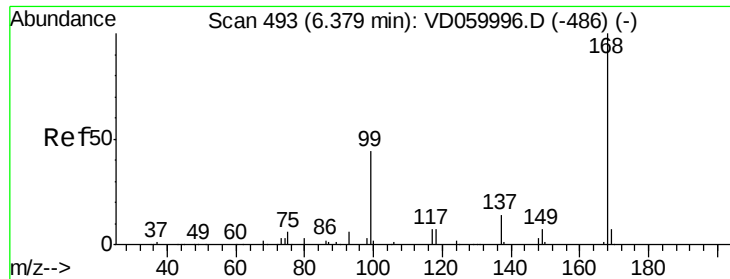
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1714861

Ion Ratio Lower Upper

168 100

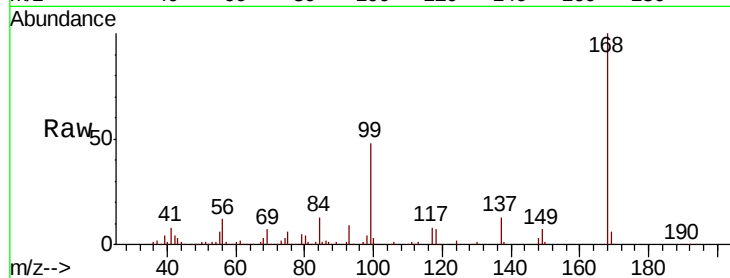
99 48.1 38.5 57.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

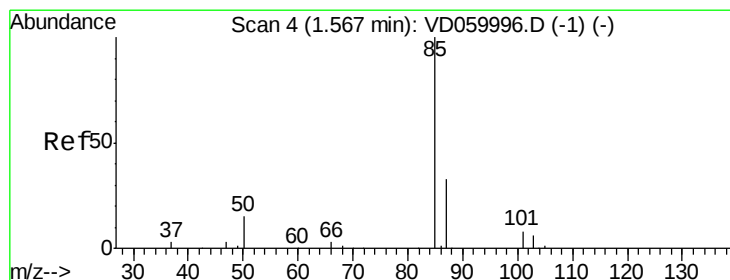
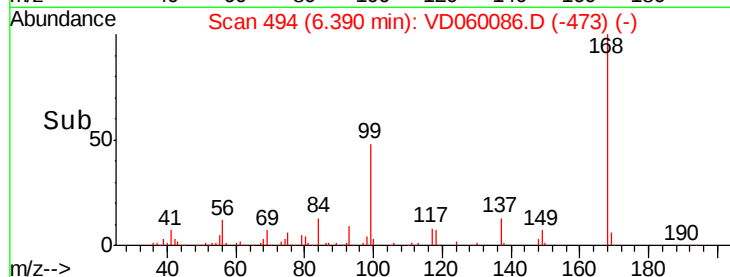
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#2

Dichlorodifluoromethane

Concen: 45.823 ug/l

RT: 1.58 min Scan# 5

Delta R.T. 0.01 min

Lab File: VD060086.D

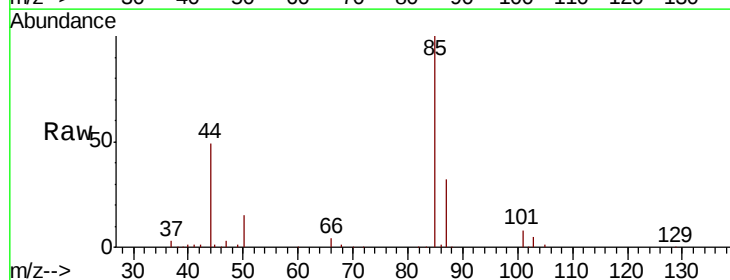
Acq: 25 Sep 2018 11:32

Tgt Ion: 85 Resp: 829481

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

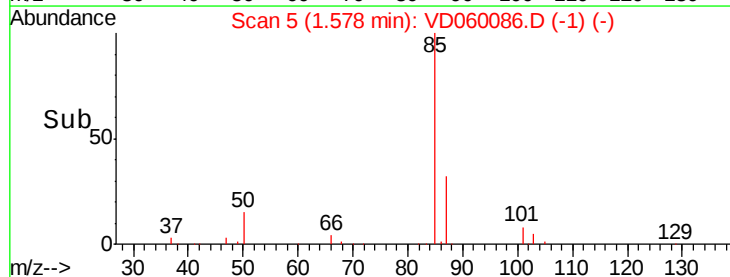
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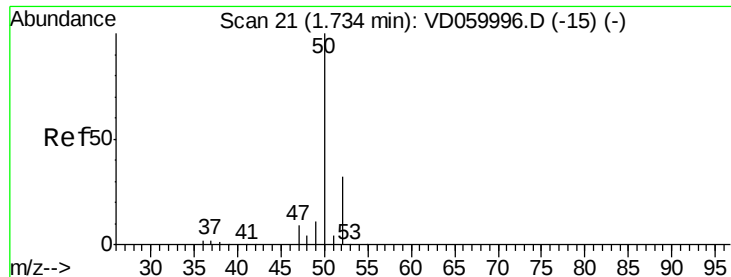
200000

100000

0

Time--> 1.50 1.60 1.70





#3

Chloromethane

Concen: 49.618 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.02 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 793389

Ion Ratio Lower Upper

50 100

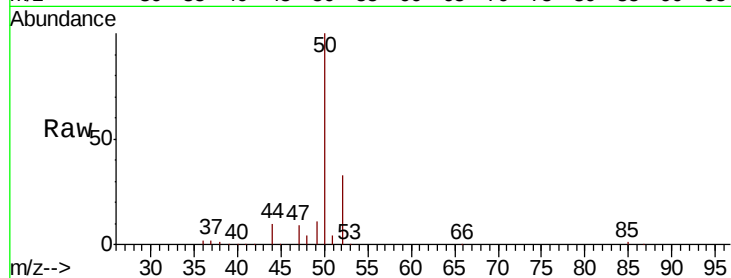
52 33.0 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.75

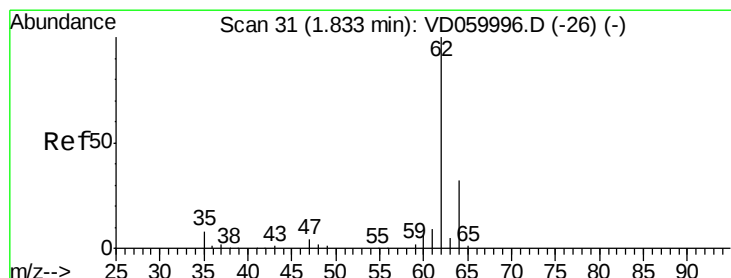
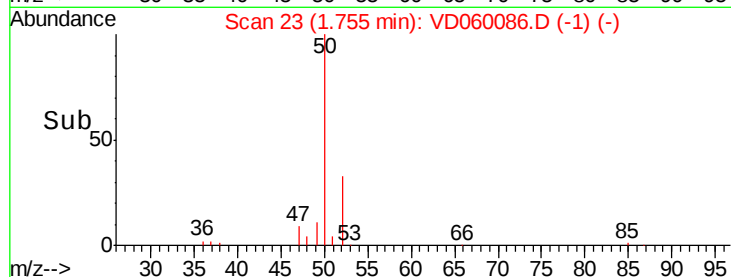
300000

200000

100000

0

Time--> 1.60 1.70 1.80 1.90



#4

Vinyl Chloride

Concen: 51.770 ug/l

RT: 1.84 min Scan# 32

Delta R.T. 0.01 min

Lab File: VD060086.D

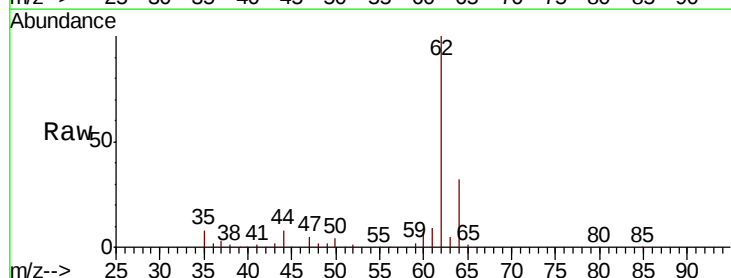
Acq: 25 Sep 2018 11:32

Tgt Ion: 62 Resp: 665455

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

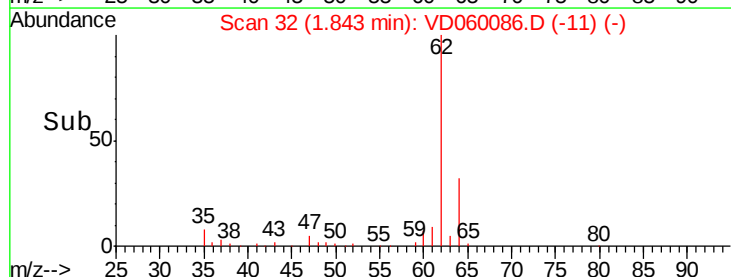
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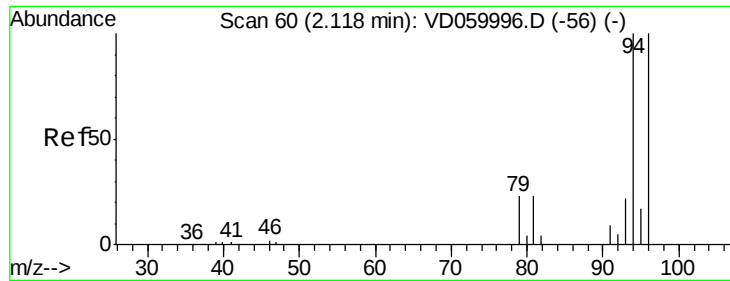
200000

100000

0

Time--> 1.80 1.90 2.00





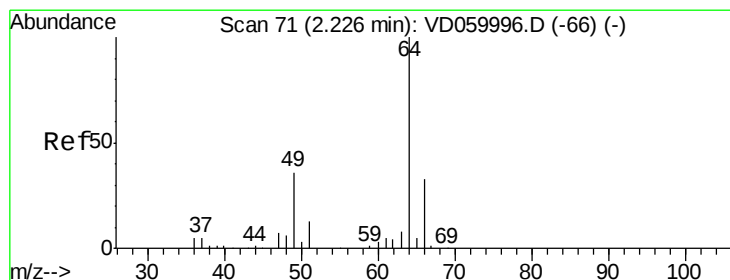
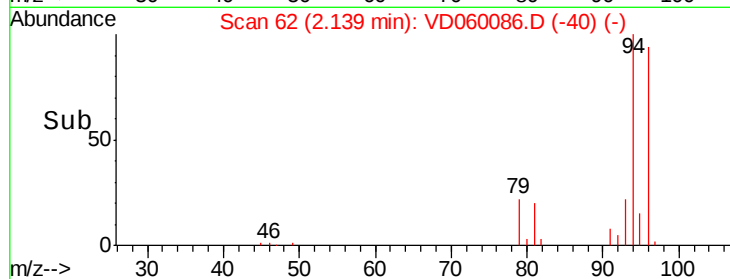
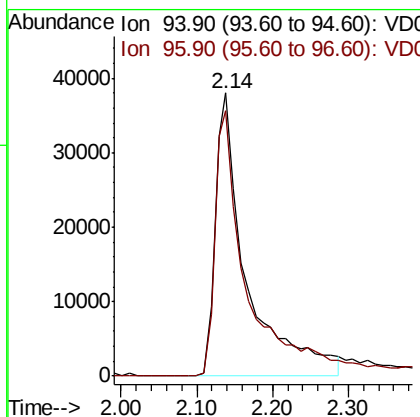
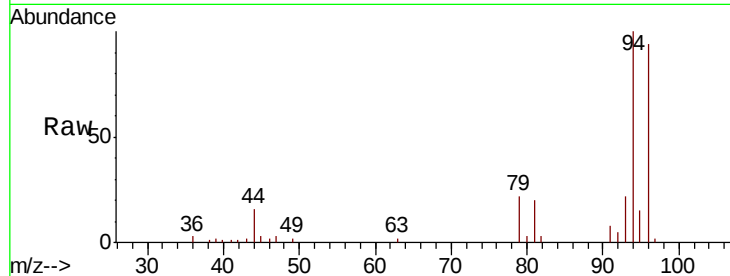
#5  
Bromomethane  
Concen: 72.417 ug/l  
RT: 2.14 min Scan# 62  
Delta R.T. 0.02 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 94 Resp: 110183  
Ion Ratio Lower Upper  
94 100  
96 93.9 79.8 119.8

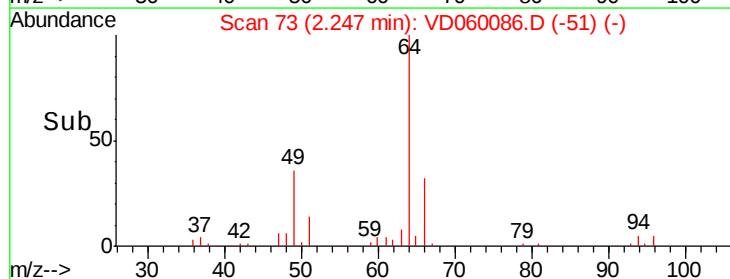
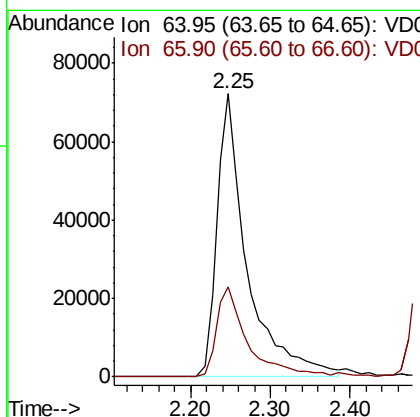
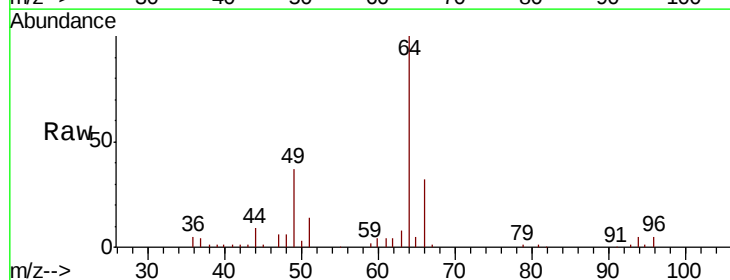
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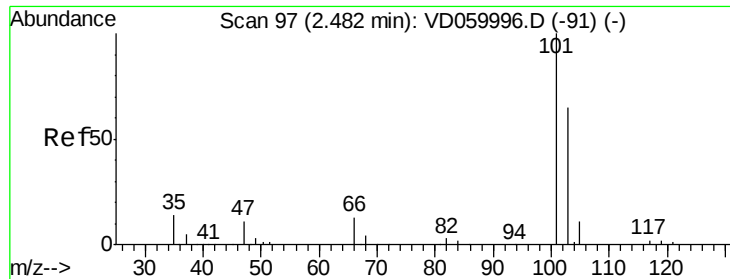
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#6  
Chloroethane  
Concen: 66.531 ug/l  
RT: 2.25 min Scan# 73  
Delta R.T. 0.02 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 64 Resp: 191191  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.5 39.7





#7

Trichlorofluoromethane

Concen: 56.236 ug/l

RT: 2.49 min Scan# 98

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 795842

Ion Ratio Lower Upper

101 100

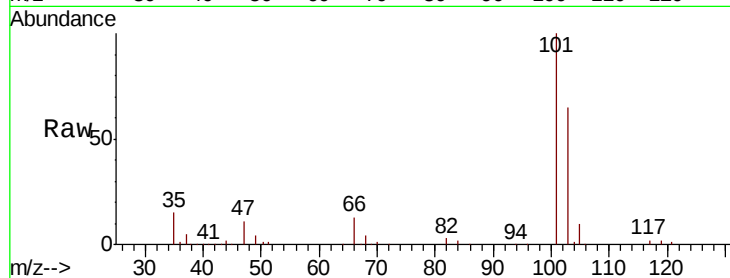
103 64.8 51.6 77.4

Manual Integrations

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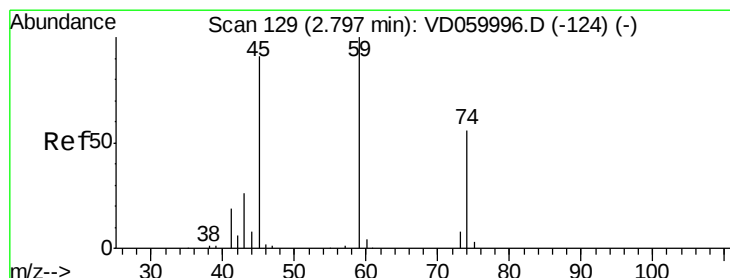
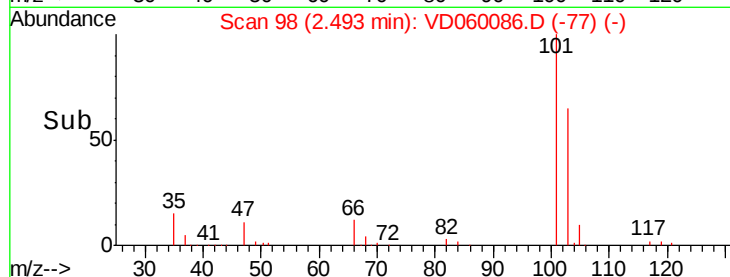
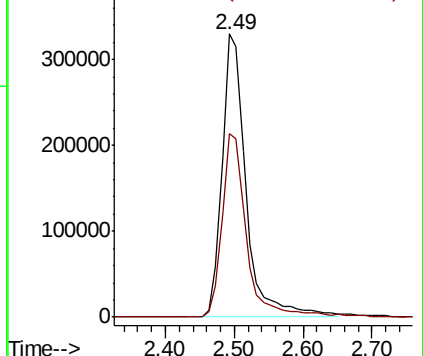
apatel

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Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 55.353 ug/l

RT: 2.82 min Scan# 131

Delta R.T. 0.02 min

Lab File: VD060086.D

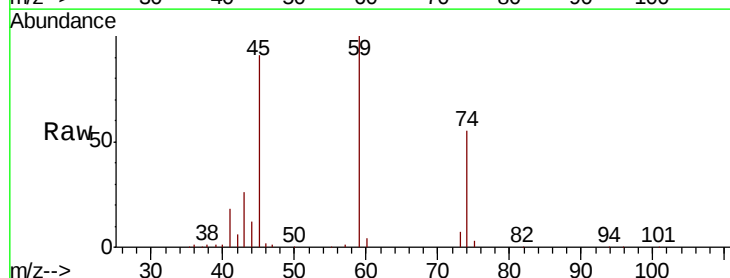
Acq: 25 Sep 2018 11:32

Tgt Ion: 74 Resp: 166519

Ion Ratio Lower Upper

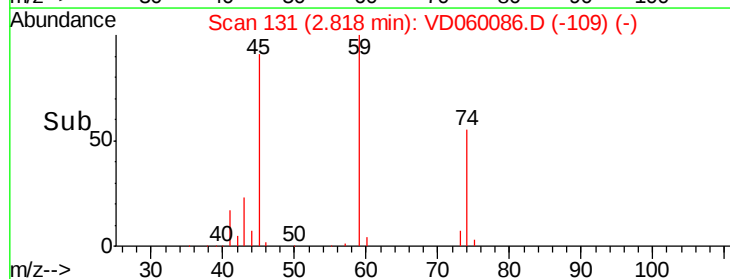
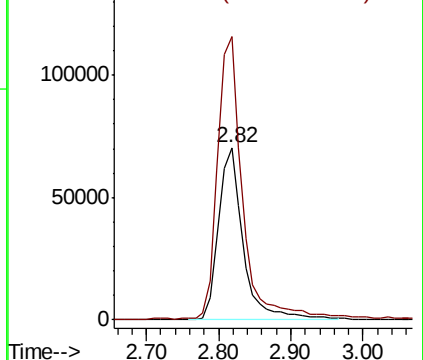
74 100

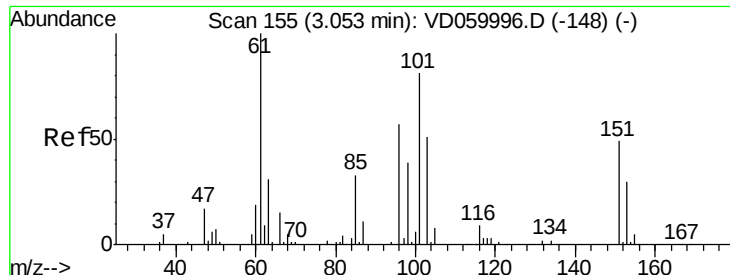
45 164.2 81.2 243.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.088 ug/l

RT: 3.07 min Scan# 157

Delta R.T. 0.02 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

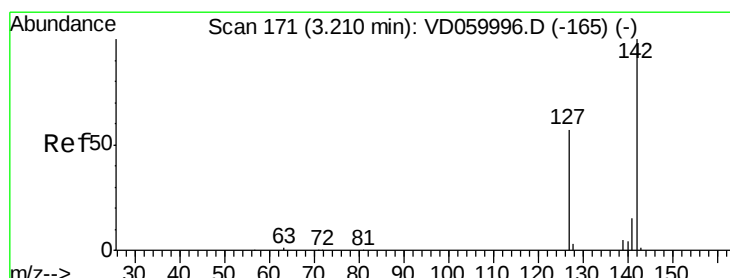
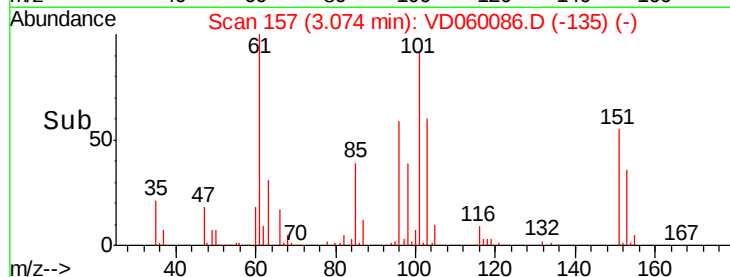
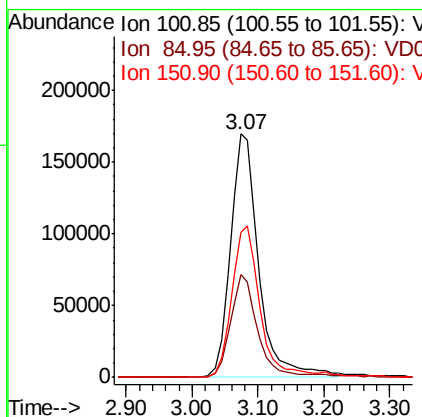
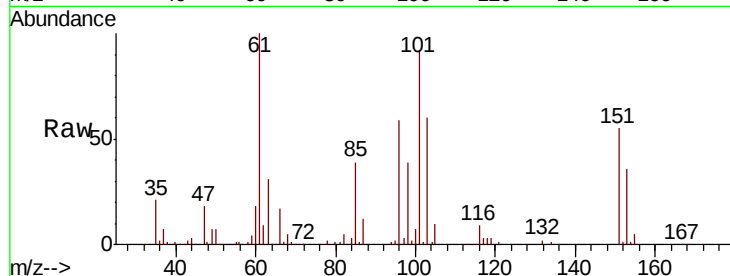
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 509444 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.2  | 33.1  | 49.7   |
| 151       | 59.3  | 48.2  | 72.4   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 61.092 ug/l

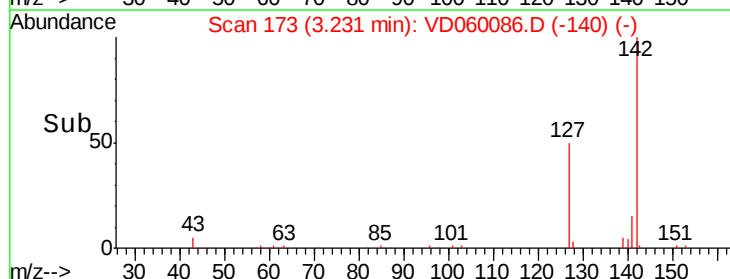
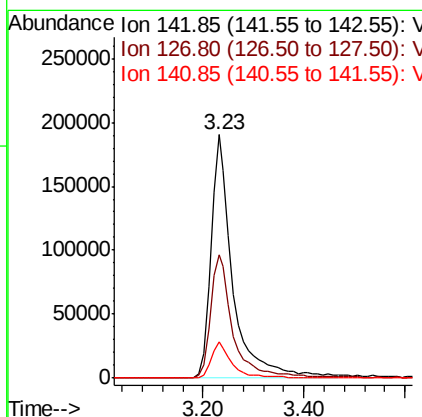
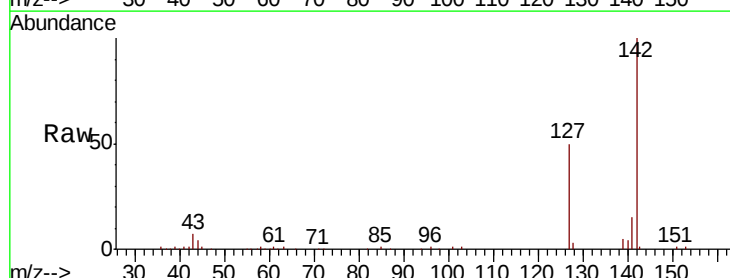
RT: 3.23 min Scan# 173

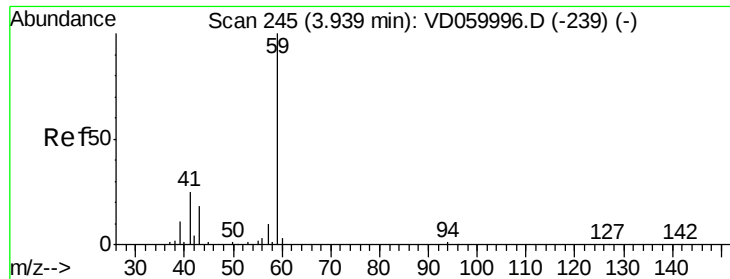
Delta R.T. 0.02 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 577403 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 50.5  | 45.8  | 68.8   |
| 141       | 14.7  | 12.2  | 18.4   |





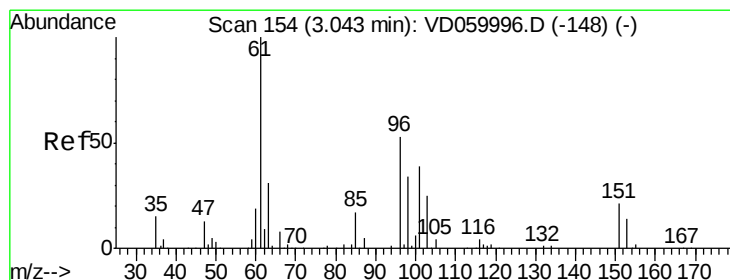
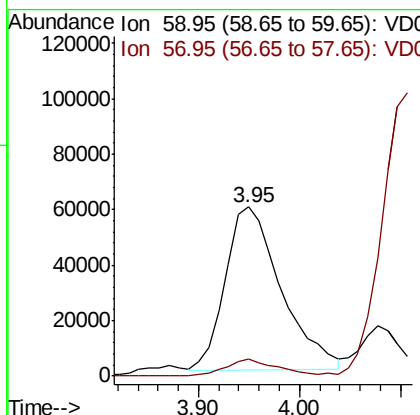
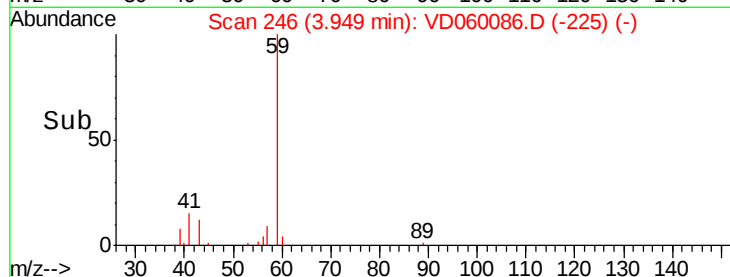
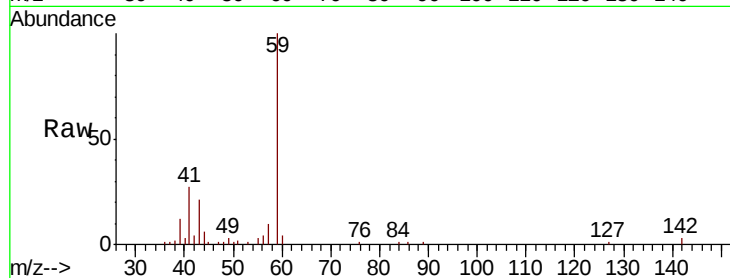
#11  
Tert butyl alcohol  
Concen: 209.374 ug/l  
RT: 3.95 min Scan# 246  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 59  | Resp  | 225930 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 57        | 9.9 | 7.4   | 11.2   |

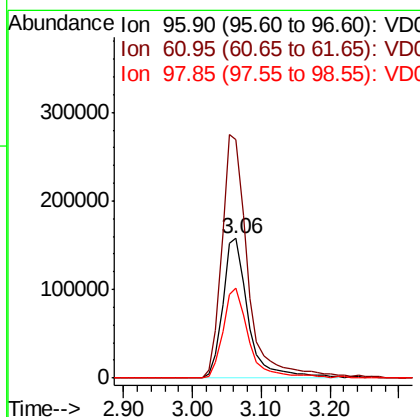
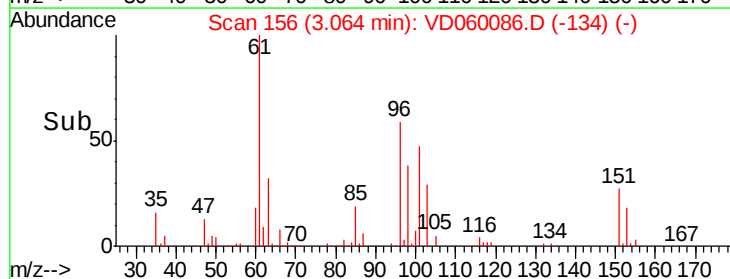
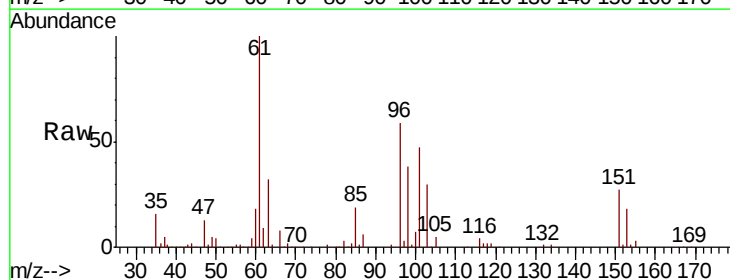
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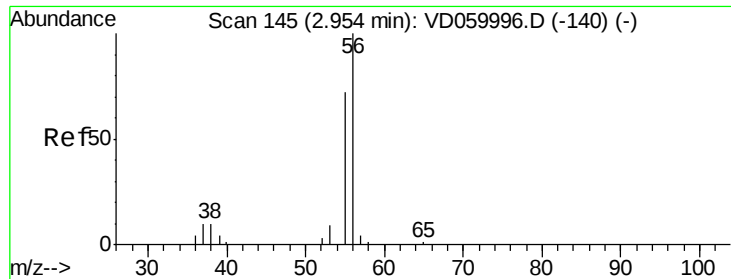
apatel  
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#12  
1,1-Dichloroethene  
Concen: 57.513 ug/l  
RT: 3.06 min Scan# 156  
Delta R.T. 0.02 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion   | 96    | Resp  | 405809 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 170.8 | 149.8 | 224.6  |
| 98        | 64.4  | 50.2  | 75.4   |





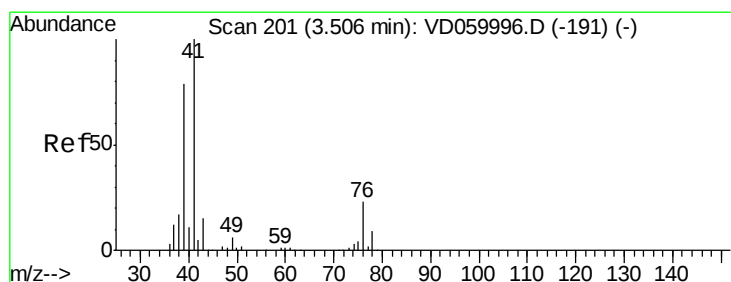
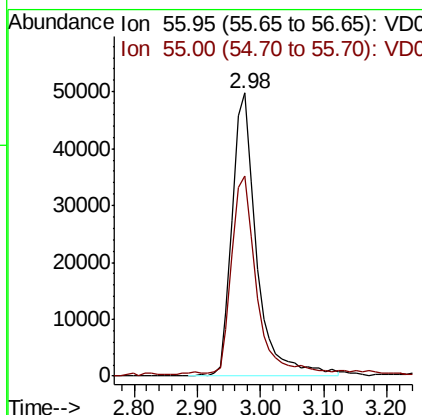
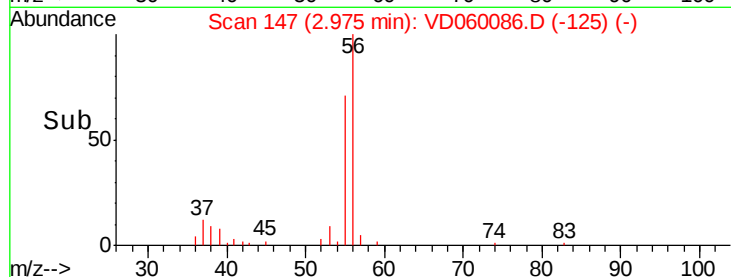
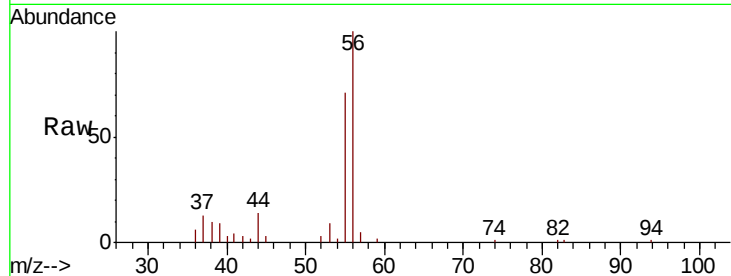
#13  
Acrolein  
Concen: 200.500 ug/l  
RT: 2.98 min Scan# 147  
Delta R.T. 0.02 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 133981  | 100 | 70.7 |       | 58.3  | 87.5  |

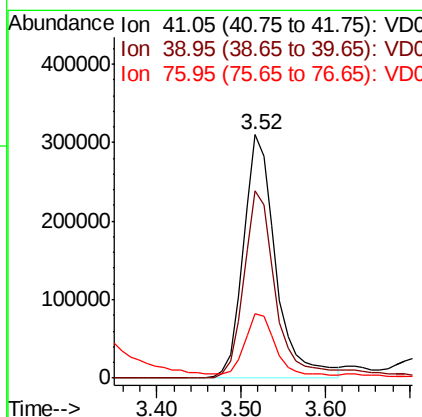
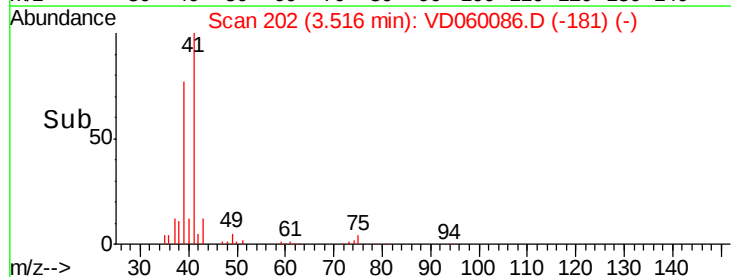
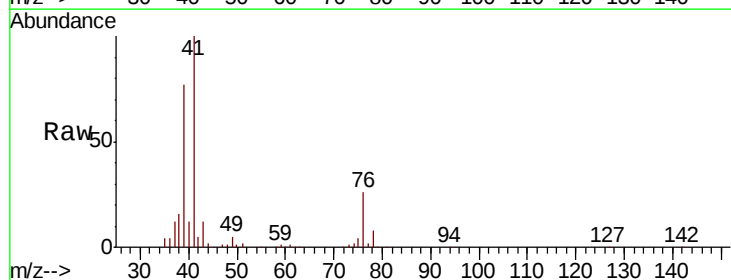
Manual Integrations  
APPROVED

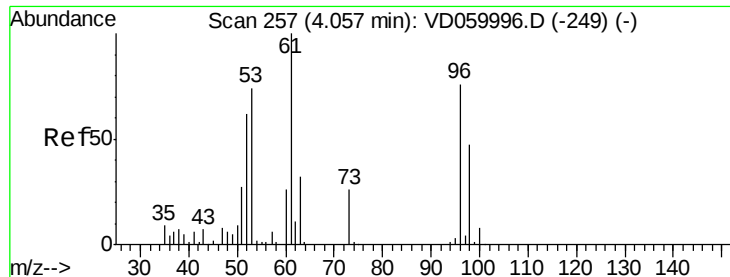
apatel  
9/26/2018 12:22:04 PM



#14  
Allyl chloride  
Concen: 55.783 ug/l  
RT: 3.52 min Scan# 202  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | 41  | 39   | 76   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 830080  | 100 | 77.1 | 26.4 |       | 63.6  | 95.4  |





#15

Acrylonitrile

Concen: 244.334 ug/l

RT: 4.07 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

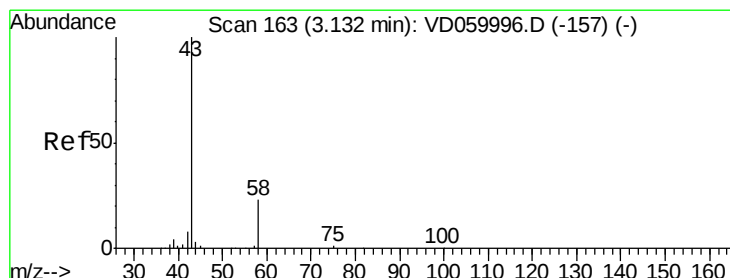
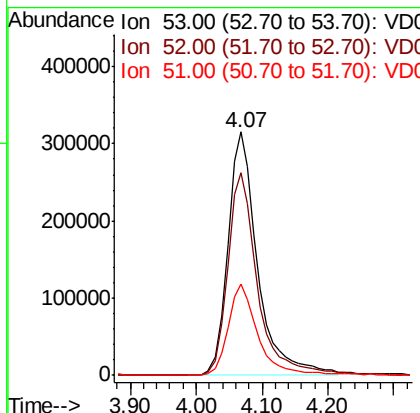
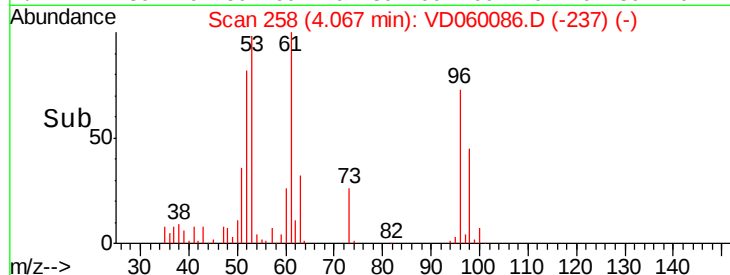
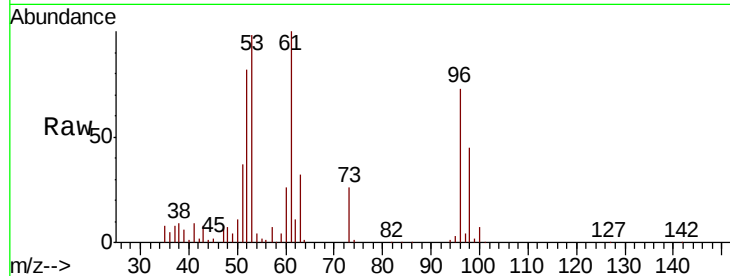
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 995222 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.3  | 66.7  | 100.1  |
| 51       | 37.6  | 29.0  | 43.6   |

Manual Integrations  
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#16

Acetone

Concen: 261.902 ug/l

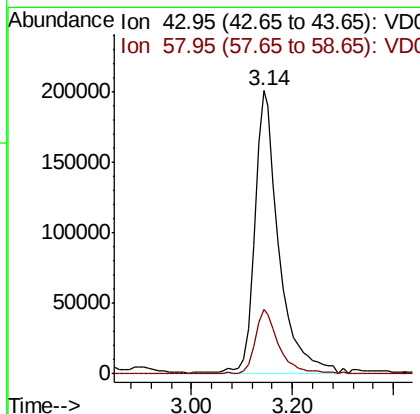
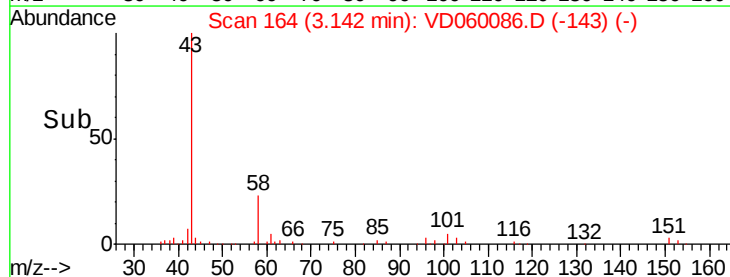
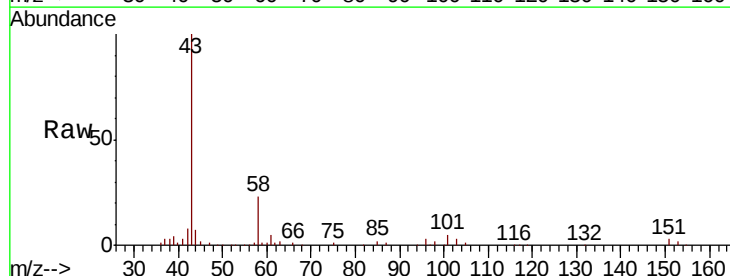
RT: 3.14 min Scan# 164

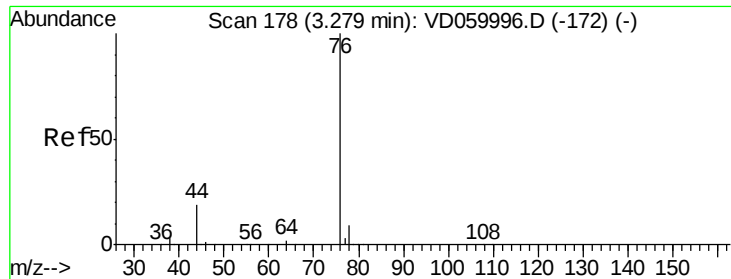
Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 676213 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 22.9  | 18.1  | 27.1   |





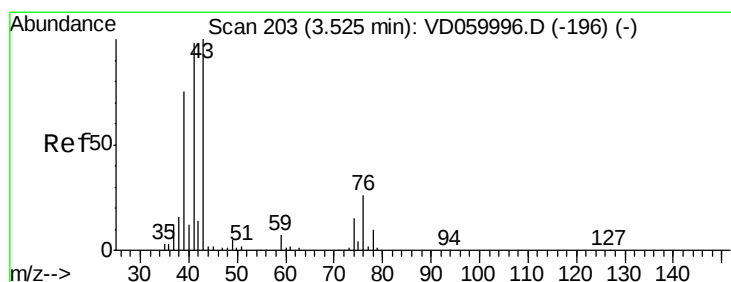
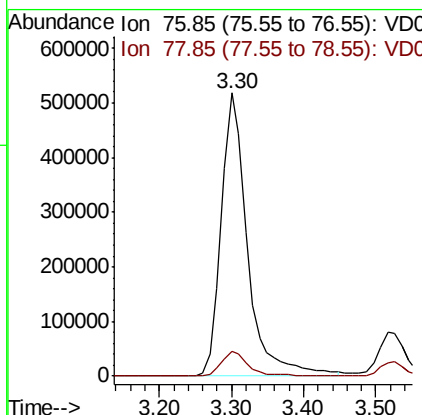
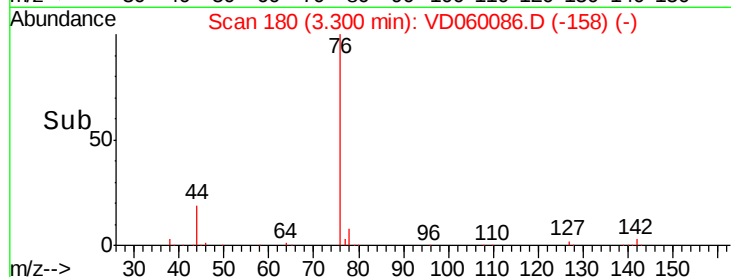
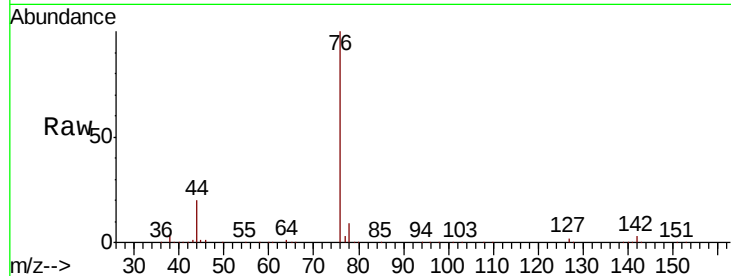
#17  
Carbon Disulfide  
Concen: 53.970 ug/l  
RT: 3.30 min Scan# 180  
Delta R.T. 0.02 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 76 Resp: 1312066  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4

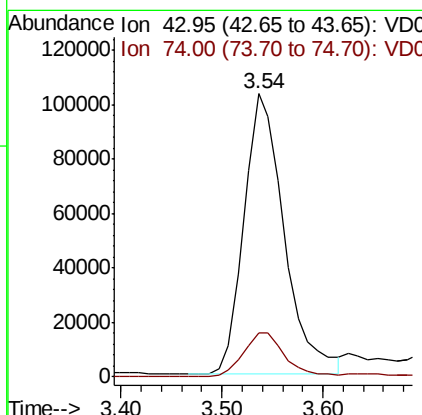
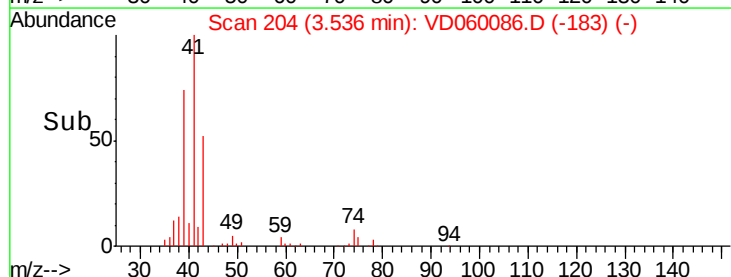
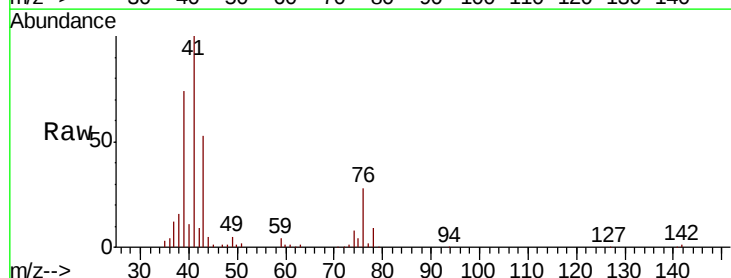
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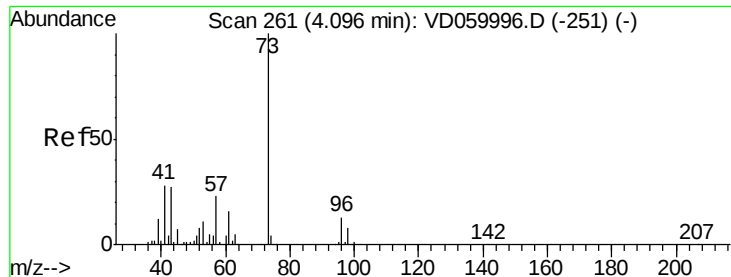
apatel  
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#18  
Methyl Acetate  
Concen: 54.743 ug/l  
RT: 3.54 min Scan# 204  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 43 Resp: 287450  
Ion Ratio Lower Upper  
43 100  
74 15.5 11.8 17.8





#19

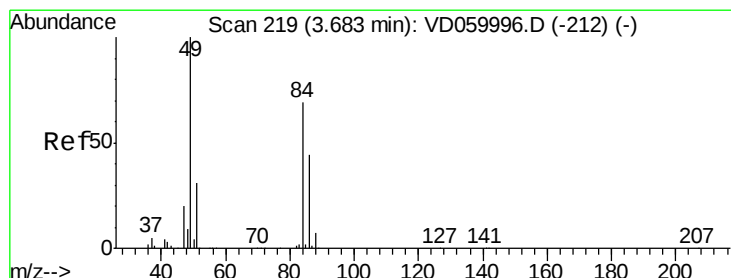
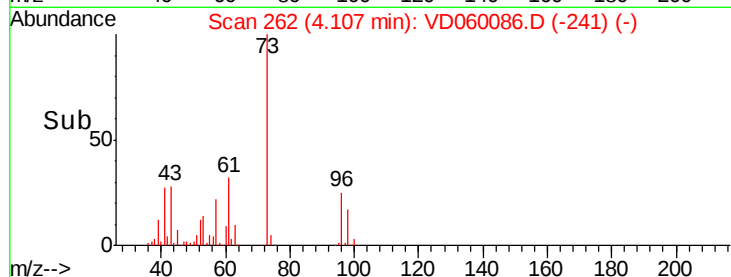
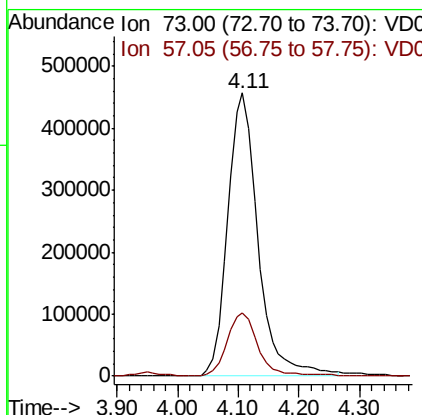
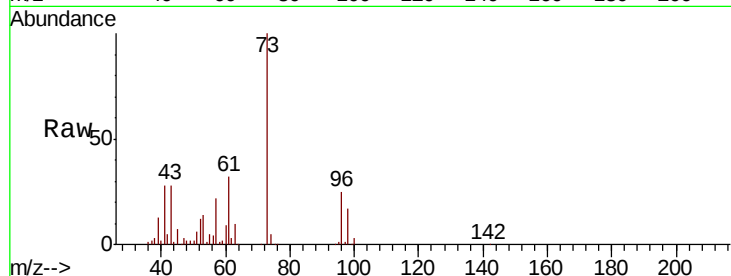
Methyl tert-butyl Ether  
 Concen: 48.900 ug/l  
 RT: 4.11 min Scan# 262  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Tot Ion: 73 Resp: 1594252  
 Ion Ratio Lower Upper  
 73 100  
 57 22.3 18.4 27.6

Manual Integrations  
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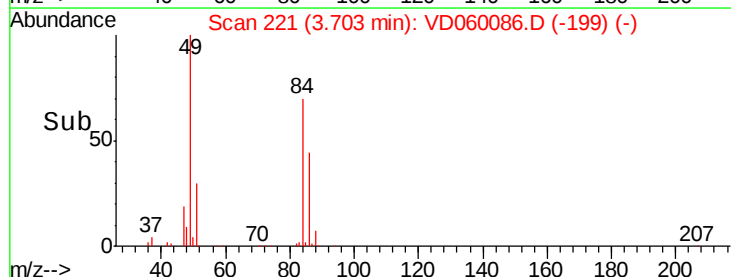
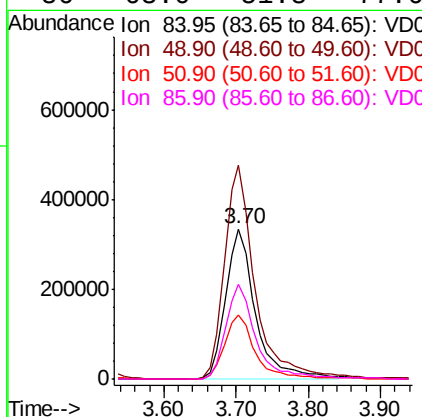
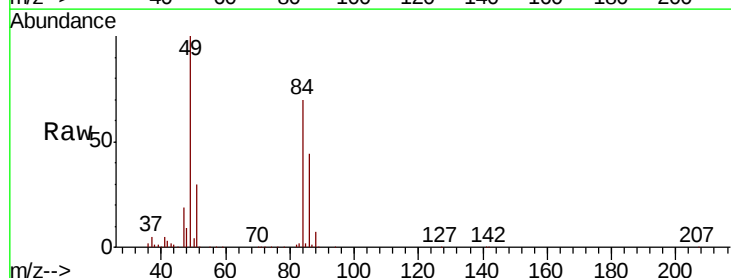
apatel  
 9/26/2018 12:22:04 PM

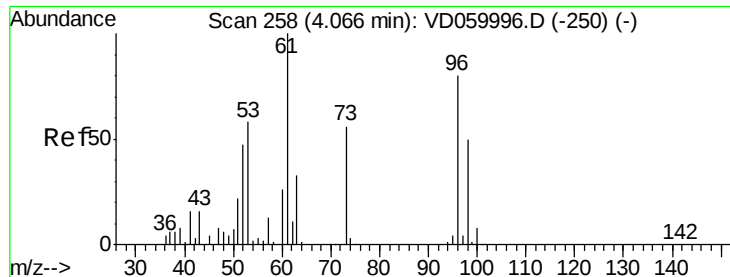


#20

Methylene Chloride  
 Concen: 52.965 ug/l  
 RT: 3.70 min Scan# 221  
 Delta R.T. 0.02 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Tgt Ion: 84 Resp: 965183  
 Ion Ratio Lower Upper  
 84 100  
 49 142.3 116.6 175.0  
 51 43.0 35.9 53.9  
 86 63.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.691 ug/l

RT: 4.08 min Scan# 259

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

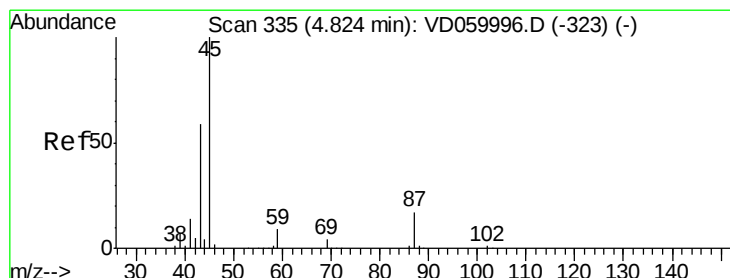
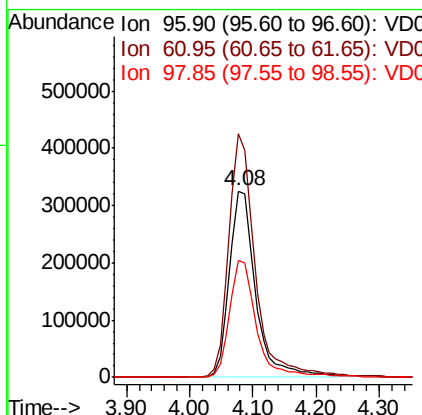
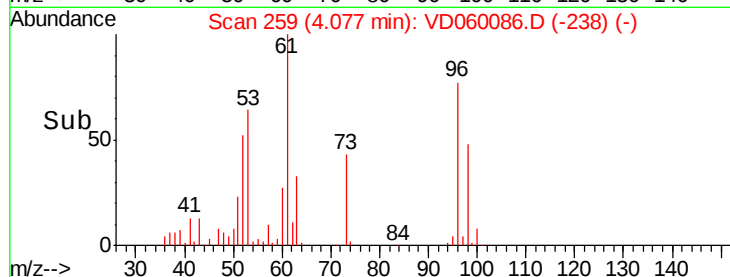
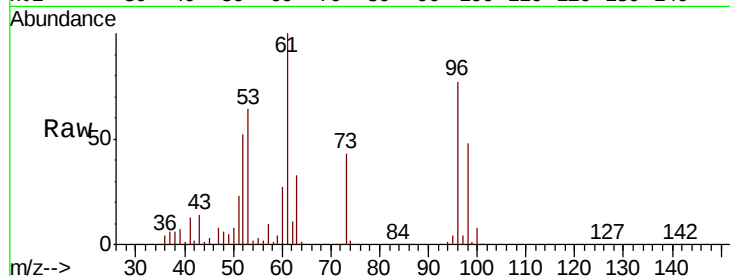
ClientSampleID :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 938604 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 130.7 | 100.1 | 150.1  |
| 98       | 62.7  | 49.5  | 74.3   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 50.624 ug/l

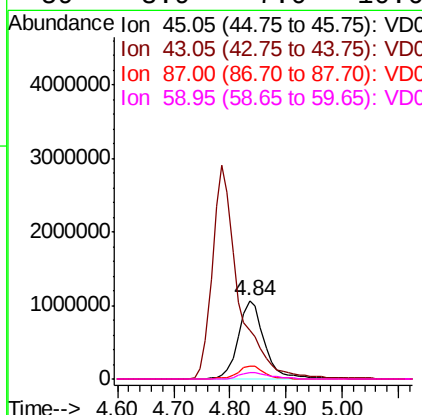
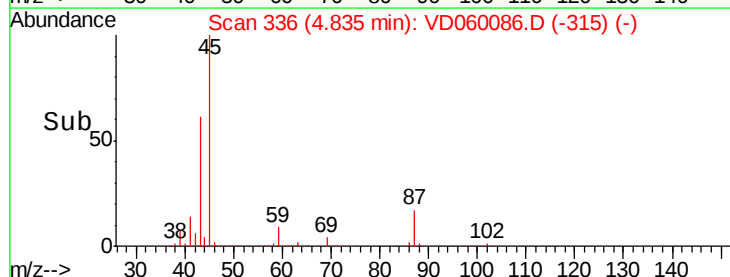
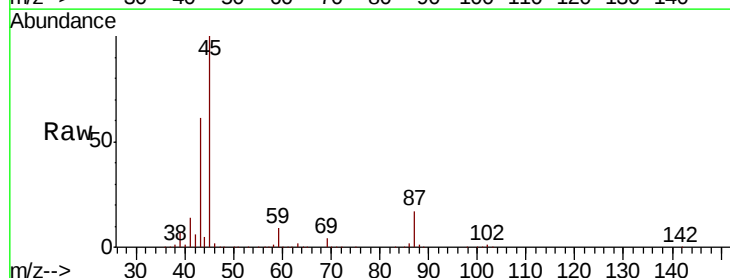
RT: 4.84 min Scan# 336

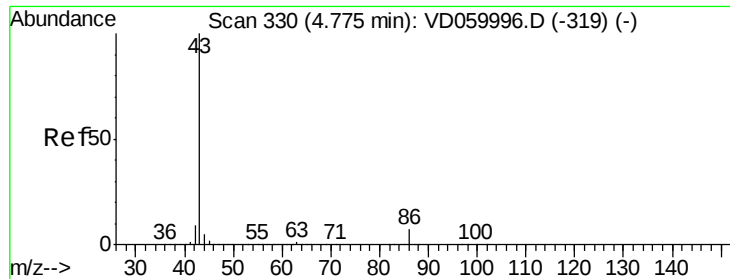
Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 3436190 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 61.4  | 47.1  | 70.7    |
| 87       | 17.0  | 14.2  | 21.2    |
| 59       | 8.9   | 7.0   | 10.6    |





#23

Vinyl Acetate

Concen: 245.289 ug/l

RT: 4.79 min Scan# 331

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9432312

Ion Ratio Lower Upper

43 100

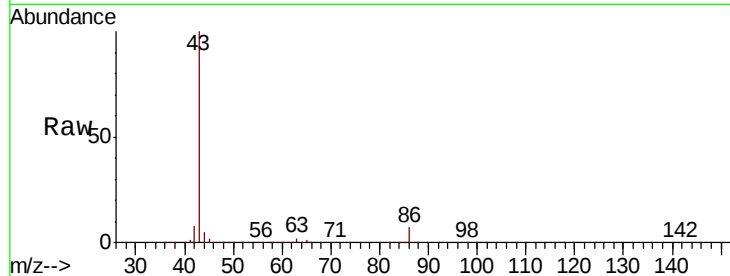
86 6.9 5.5 8.3

Manual Integrations

APPROVED

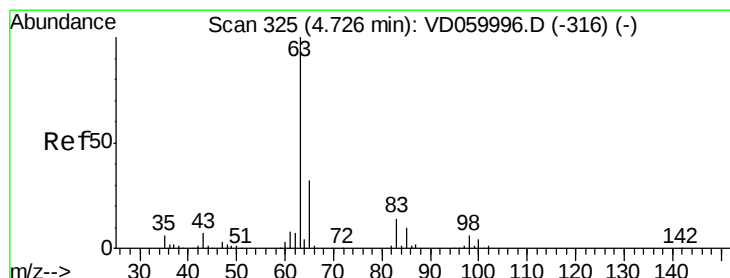
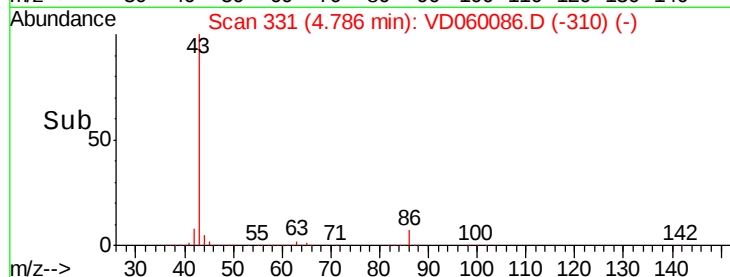
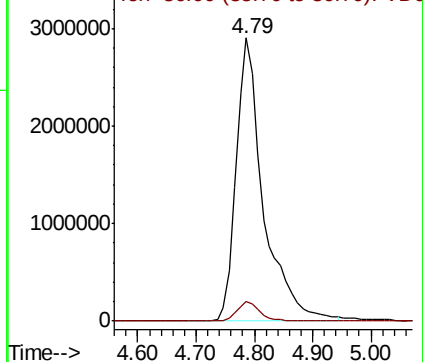
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.903 ug/l

RT: 4.74 min Scan# 326

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

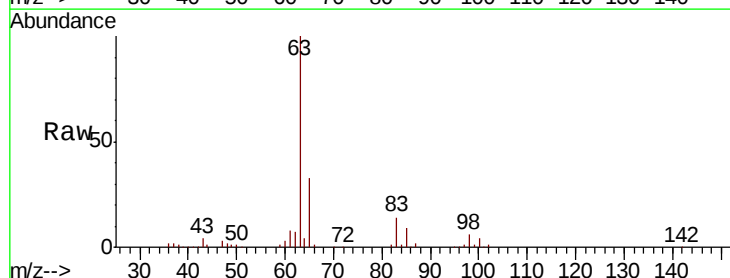
Tgt Ion: 63 Resp: 1580969

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

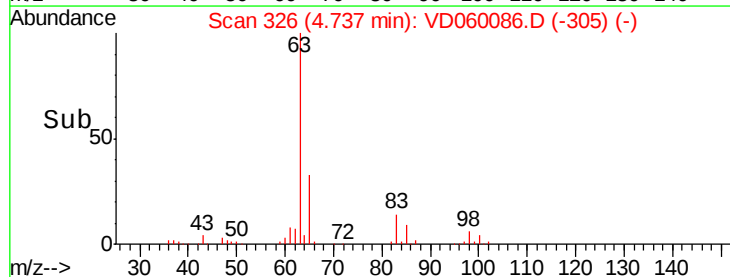
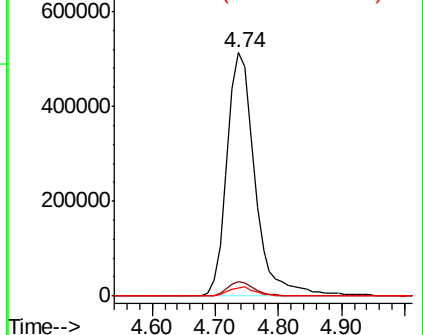
100 3.6 1.8 5.4

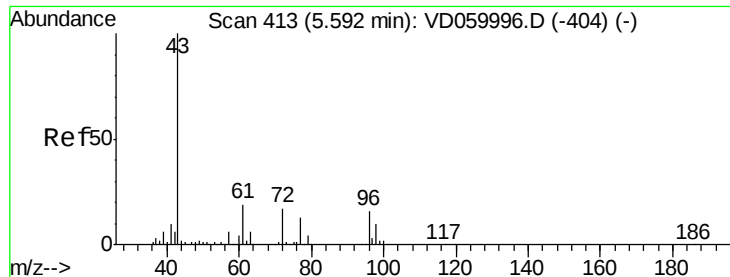


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 220.914 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1539174

Ion Ratio Lower Upper

43 100

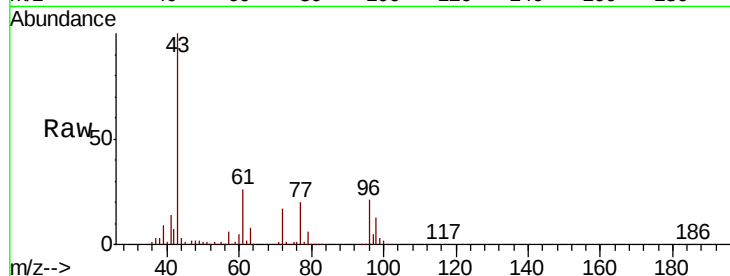
72 17.1 13.6 20.4

Manual Integrations

APPROVED

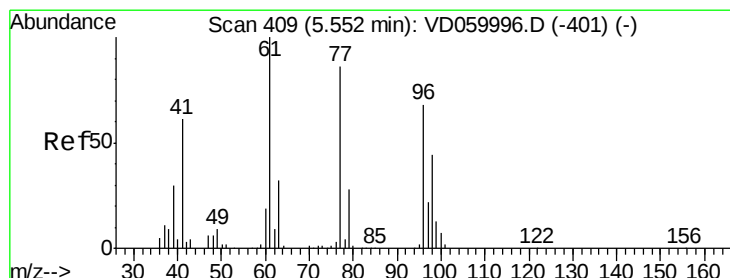
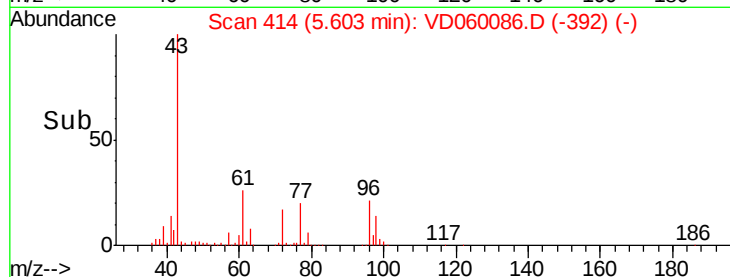
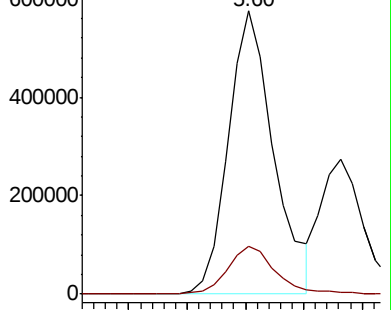
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.748 ug/l

RT: 5.57 min Scan# 411

Delta R.T. 0.02 min

Lab File: VD060086.D

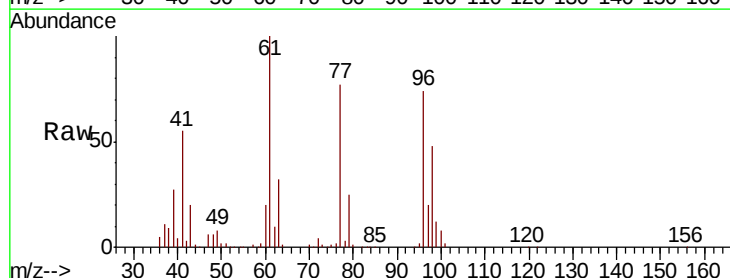
Acq: 25 Sep 2018 11:32

Tgt Ion: 77 Resp: 1225460

Ion Ratio Lower Upper

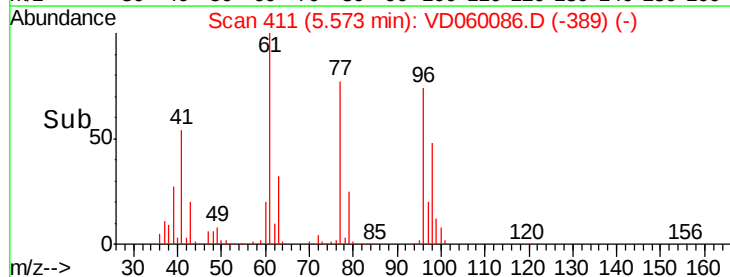
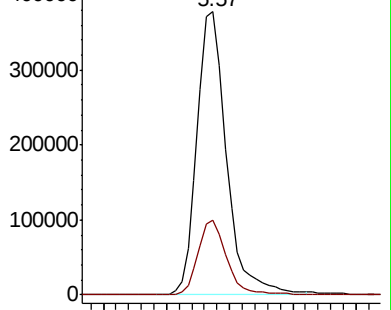
77 100

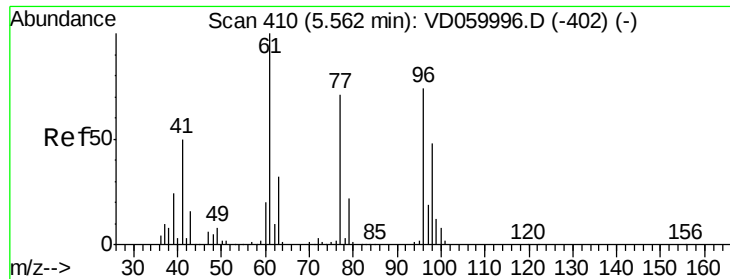
97 26.2 12.7 38.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

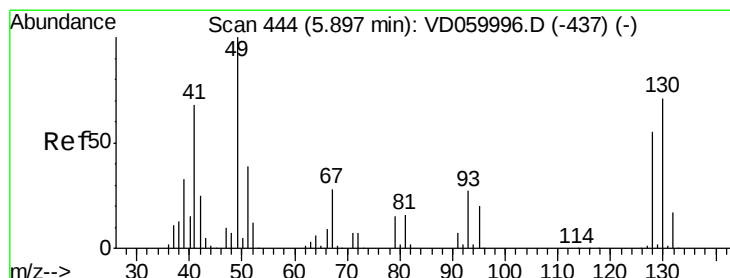
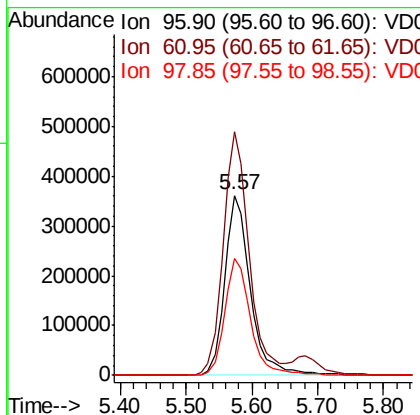
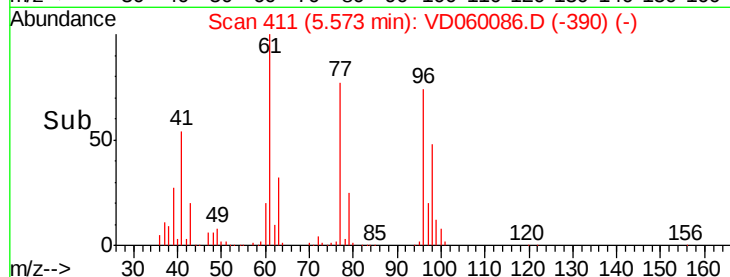
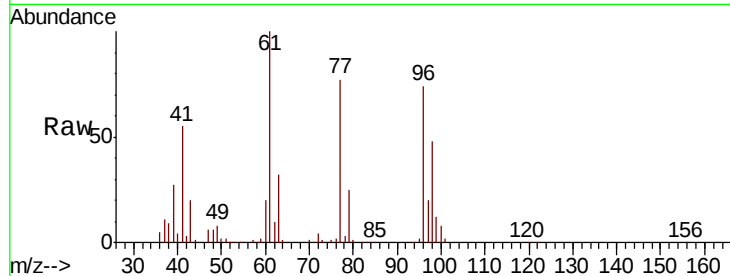
cis-1,2-Dichloroethene  
Concen: 50.787 ug/l  
RT: 5.57 min Scan# 411  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 135.5 | 0.0  | 269.6 |       |
| 98      | 65.2  | 0.0  | 128.4 |       |

Manual Integrations  
APPROVED

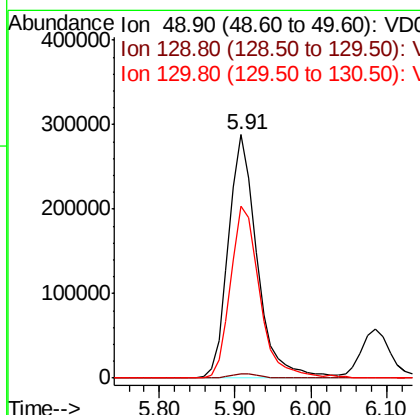
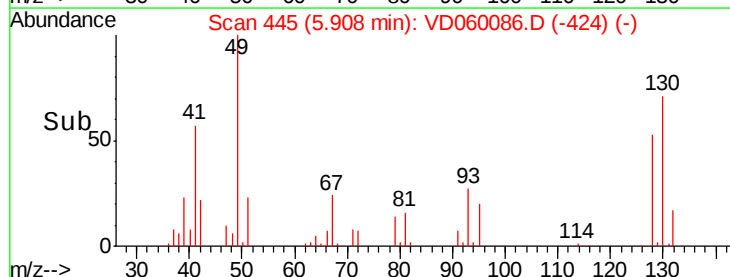
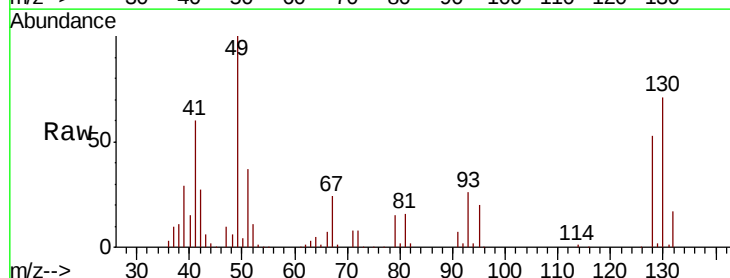
apatel  
9/26/2018 12:22:04 PM

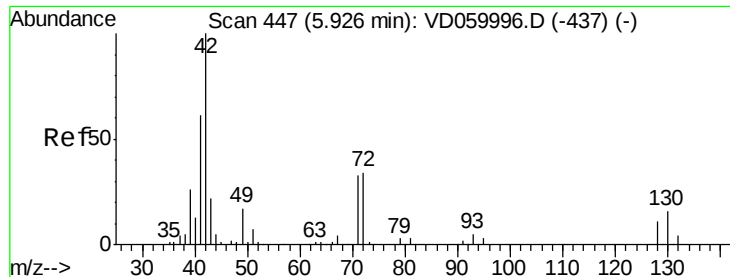


#28

Bromochloromethane  
Concen: 51.577 ug/l  
RT: 5.91 min Scan# 445  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.7   | 0.0  | 3.6   |       |
| 130     | 70.8  | 57.1 | 85.7  |       |





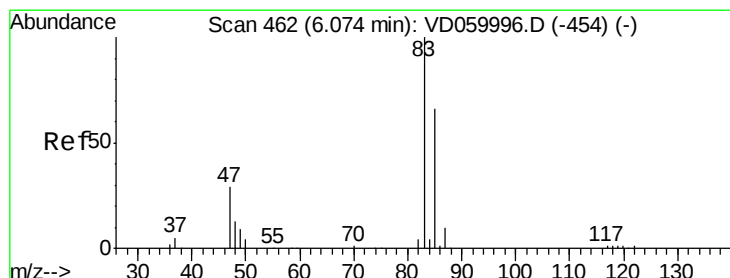
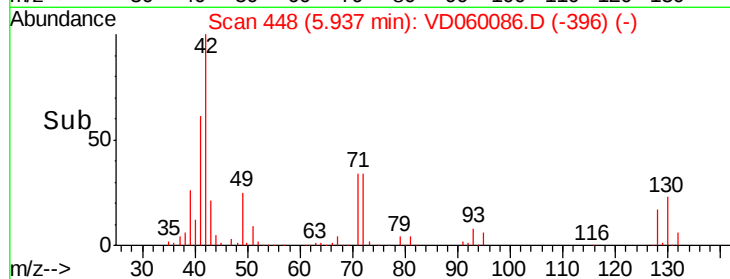
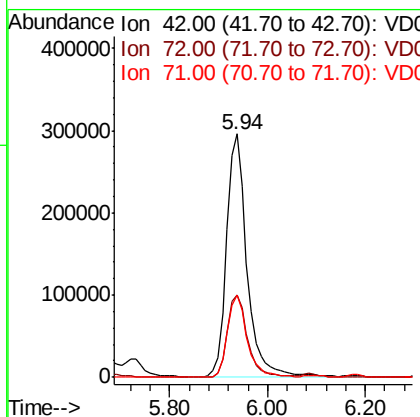
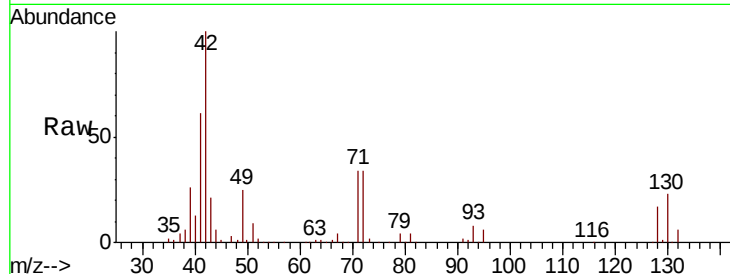
#29  
Tetrahydrofuran  
Concen: 229.384 ug/l  
RT: 5.94 min Scan# 448  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 33.7  | 26.9  | 40.3  |
| 71      | 33.0  | 26.2  | 39.4  |

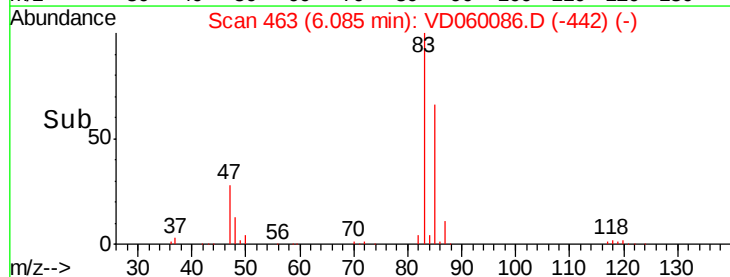
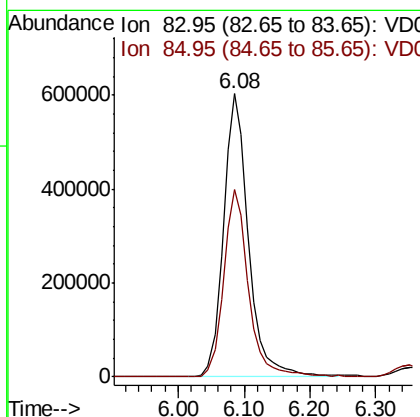
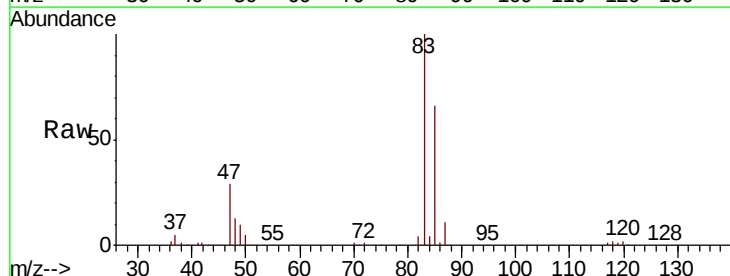
Manual Integrations  
APPROVED

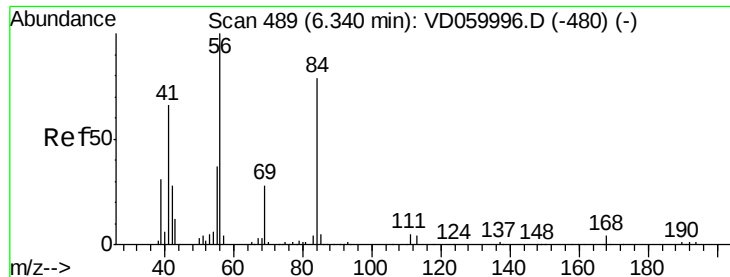
apatel  
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#30  
Chloroform  
Concen: 51.608 ug/l  
RT: 6.08 min Scan# 463  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.3  | 52.6  | 78.8  |





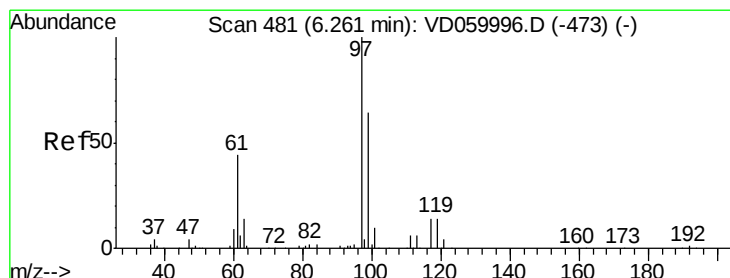
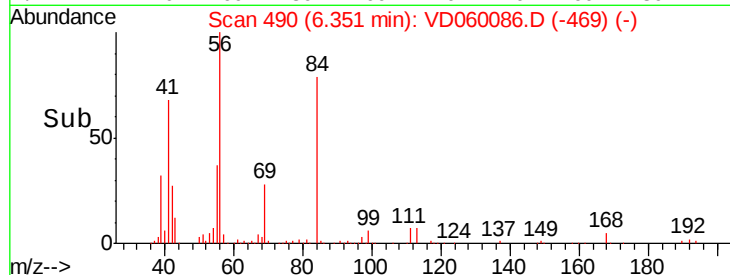
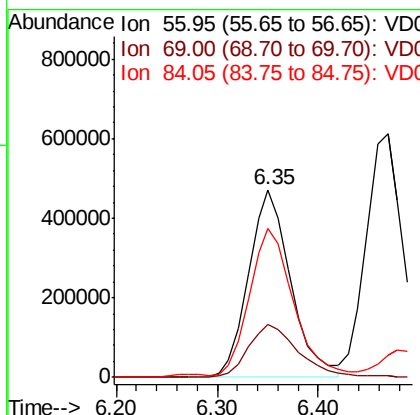
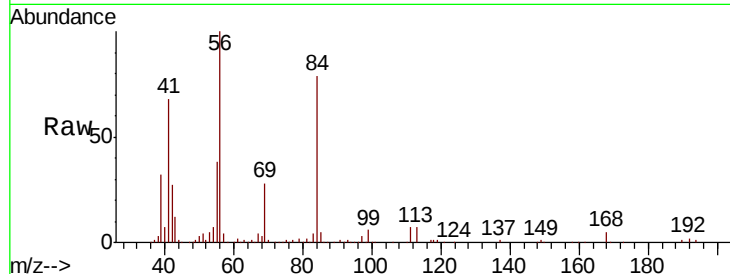
#31  
Cyclohexane  
Concen: 46.267 ug/l  
RT: 6.35 min Scan# 490  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.0  | 22.7  | 34.1  |
| 84      | 79.3  | 64.0  | 96.0  |

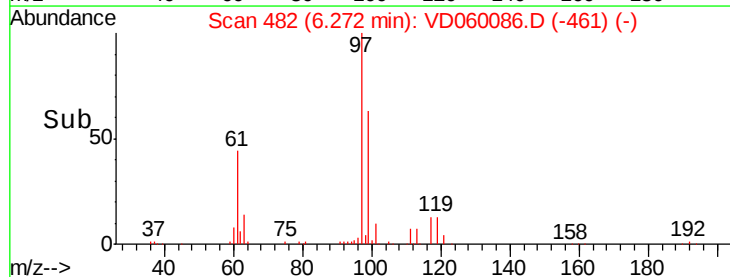
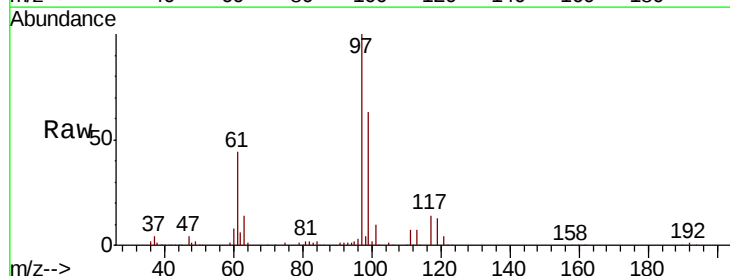
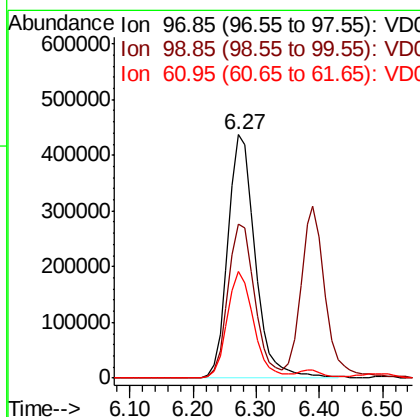
Manual Integrations  
APPROVED

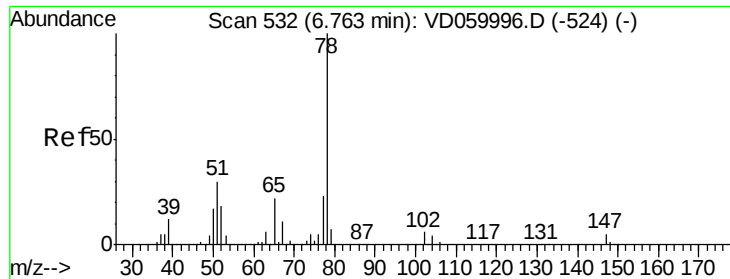
apatel  
9/26/2018 12:22:04 PM



#32  
1,1,1-Trichloroethane  
Concen: 50.956 ug/l  
RT: 6.27 min Scan# 482  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.5  | 51.3  | 76.9  |
| 61      | 43.9  | 35.5  | 53.3  |





#33

1,2-Dichloroethane-d4

Concen: 50.956 ug/l

RT: 6.76 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Tot Ion: 65 Resp: 666702

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8

Instrument :

MSVOA\_D

ClientSampleId :

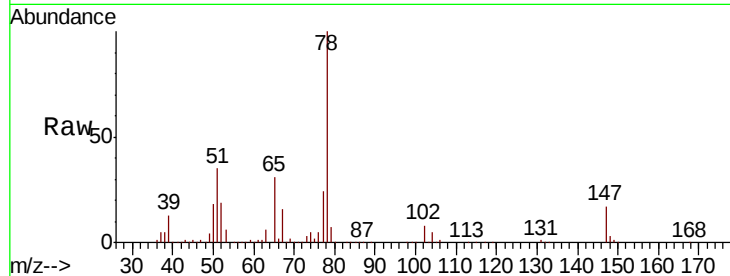
VSTDCCC050

Manual Integrations

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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

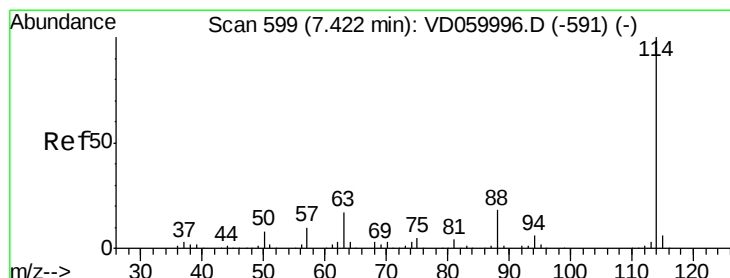
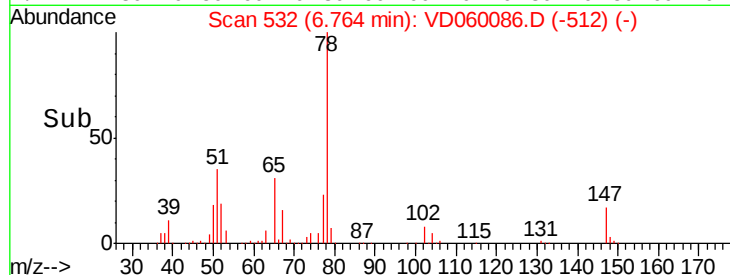
100000

50000

0

6.70 6.80

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

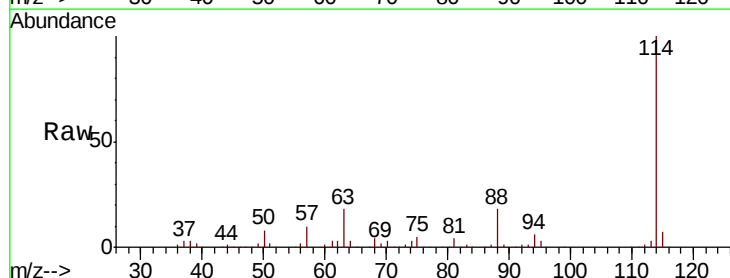
Tgt Ion:114 Resp: 2355472

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 18.2 0.0 35.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1200000

1000000

800000

600000

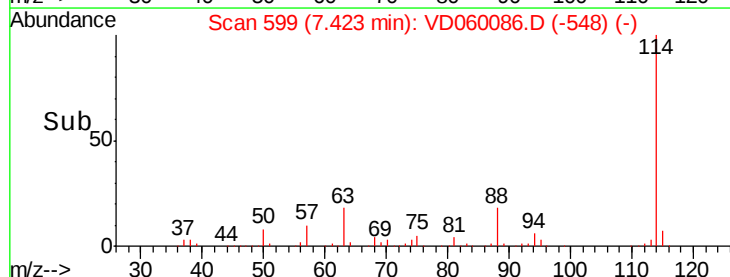
400000

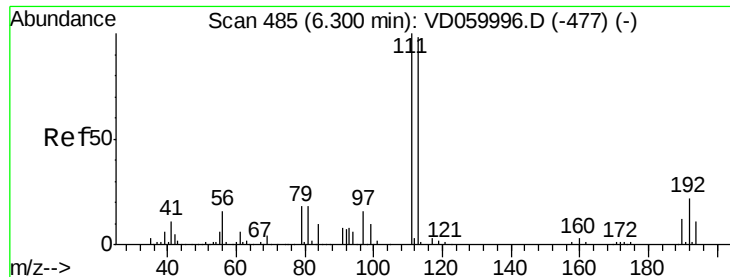
200000

0

7.20 7.40 7.60 7.80

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 485

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

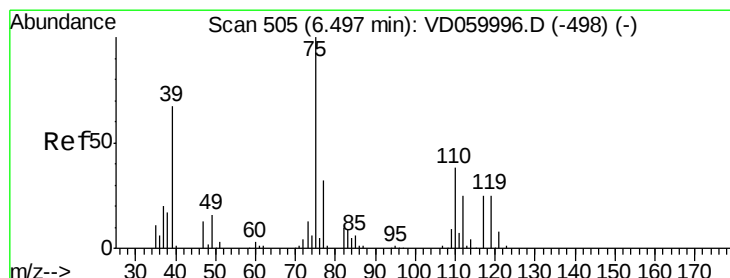
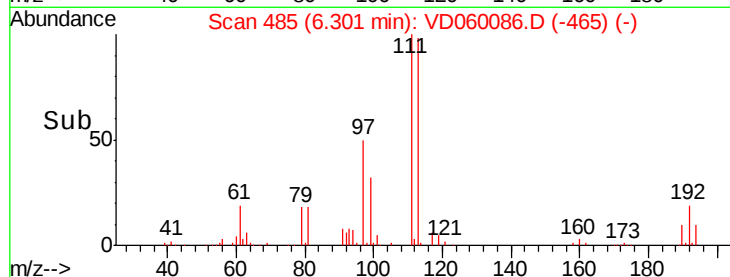
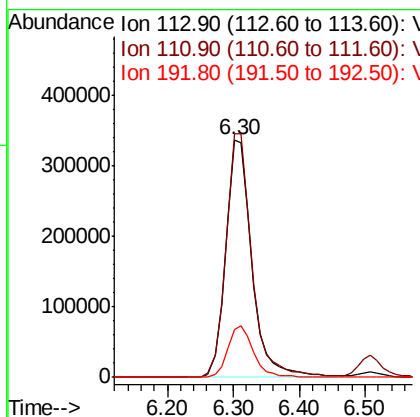
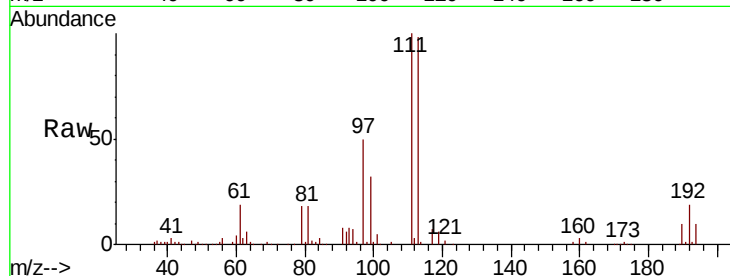
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 932822 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.4 | 81.3  | 121.9  |
| 192       | 19.9  | 18.1  | 27.1   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 49.588 ug/l

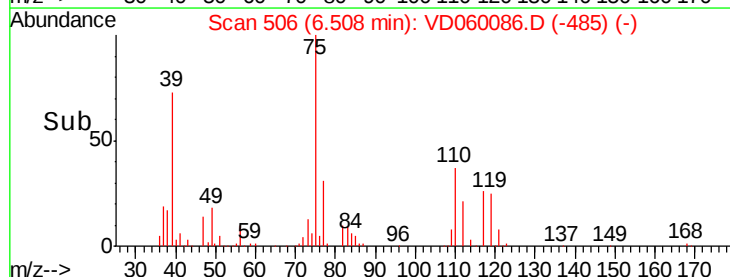
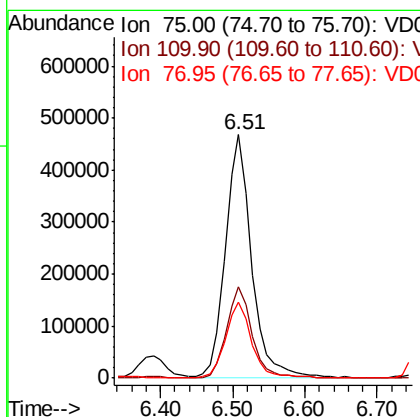
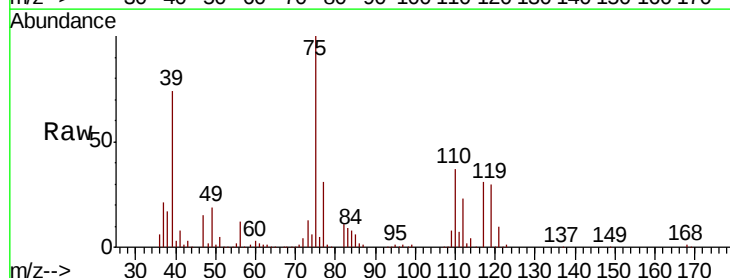
RT: 6.51 min Scan# 506

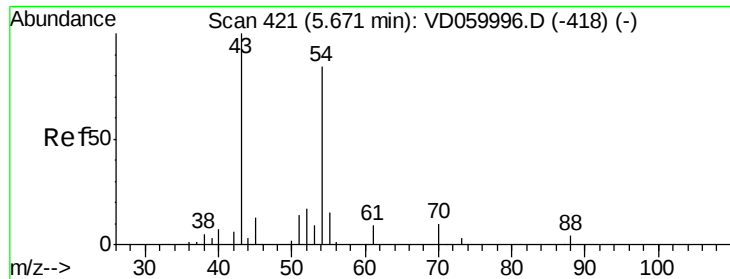
Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 75    | Resp: | 1160250 |
| Ion Ratio | Lower | Upper |         |
| 75        | 100   |       |         |
| 110       | 37.3  | 18.9  | 56.9    |
| 77        | 31.1  | 25.3  | 37.9    |





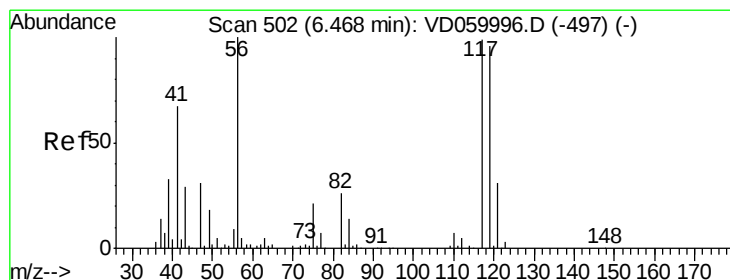
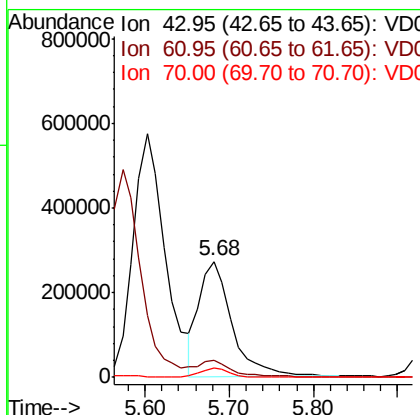
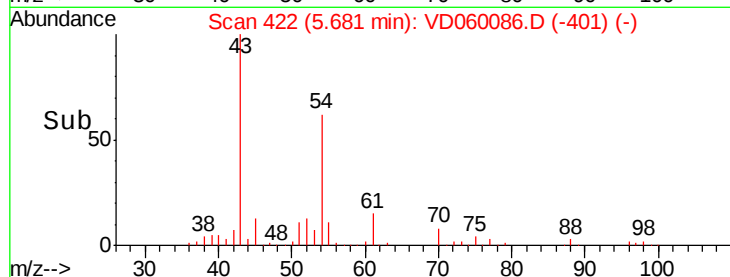
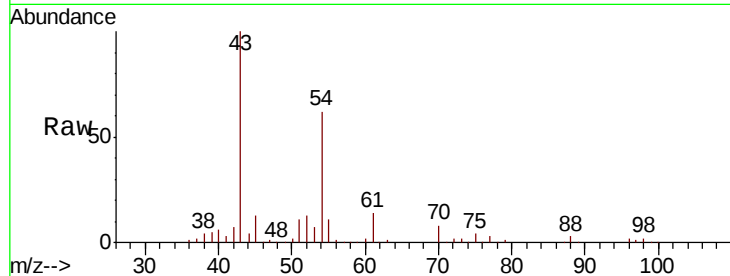
#37  
Ethyl Acetate  
Concen: 45.153 ug/l  
RT: 5.68 min Scan# 422  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.5  | 10.2  | 15.2  |
| 70      | 7.6   | 6.1   | 9.1   |

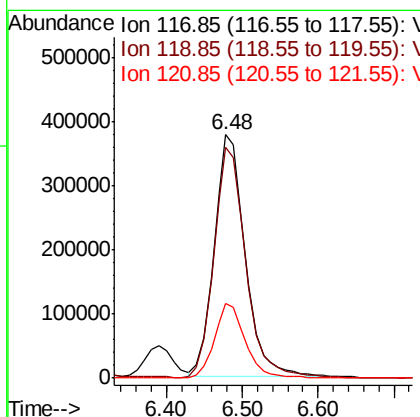
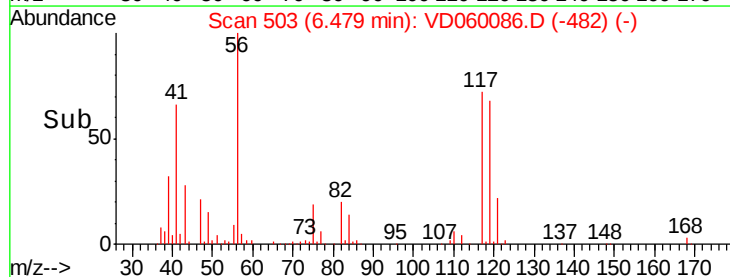
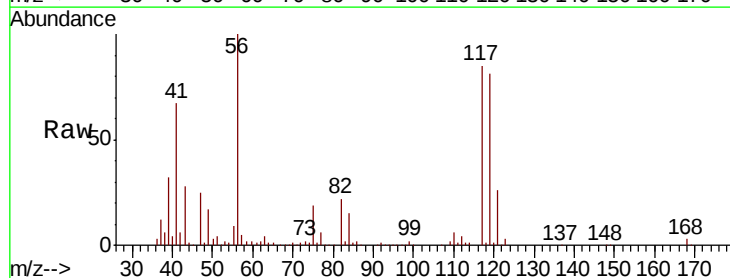
Manual Integrations  
APPROVED

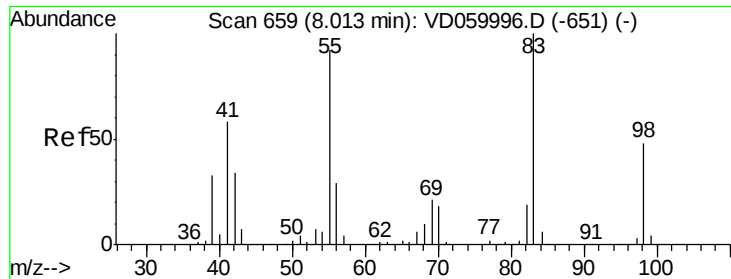
apatel  
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#38  
Carbon Tetrachloride  
Concen: 49.008 ug/l  
RT: 6.48 min Scan# 503  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 76.7  | 115.1 |
| 121     | 30.7  | 24.9  | 37.3  |





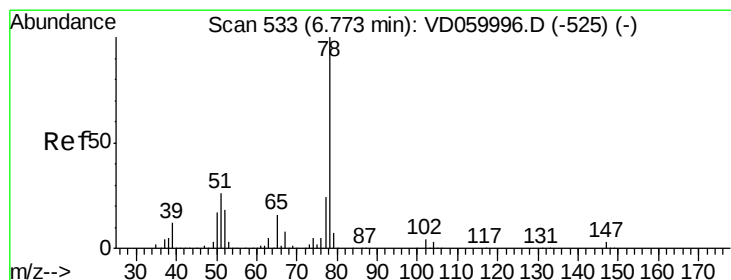
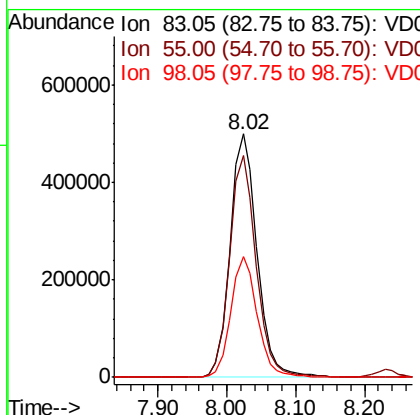
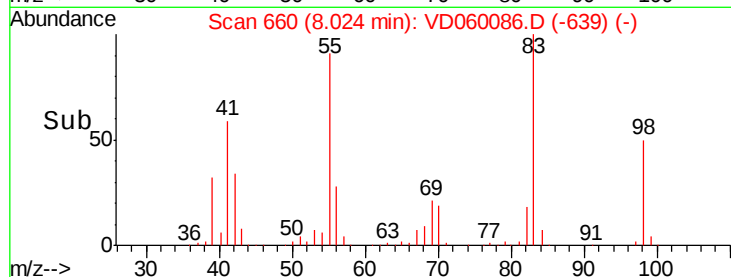
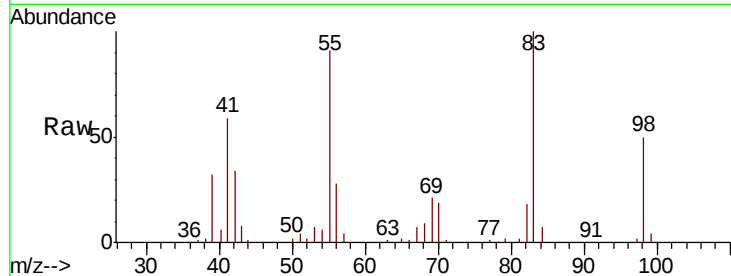
#39  
Methvlcvclohexane  
Concen: 51.098 ug/l  
RT: 8.02 min Scan# 660  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 1352488  
Ion Ratio Lower Upper  
83 100  
55 90.9 73.8 110.6  
98 49.8 38.1 57.1

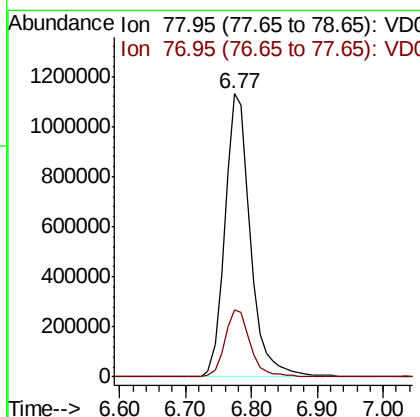
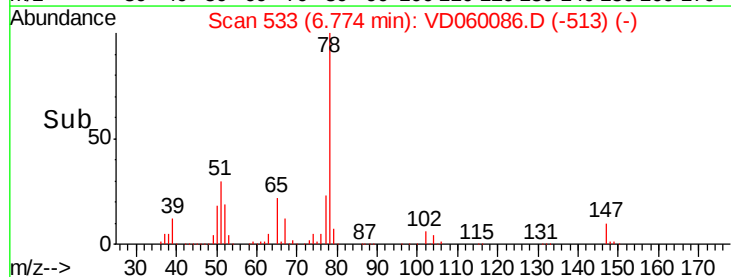
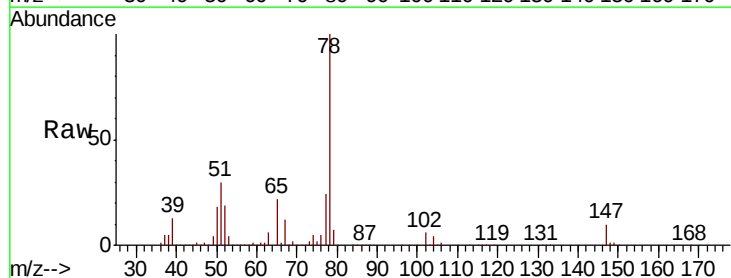
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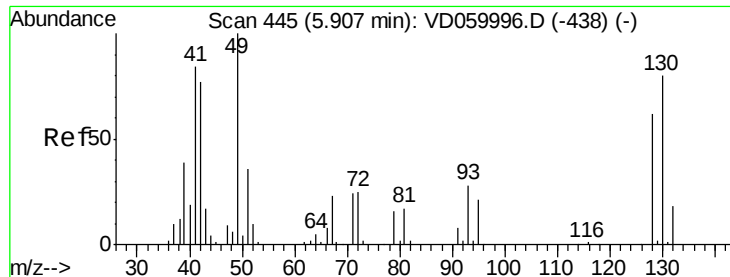
apatel  
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#40  
Benzene  
Concen: 51.281 ug/l  
RT: 6.77 min Scan# 533  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 78 Resp: 3058177  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 51.486 ug/l m

RT: 5.92 min Scan# 446

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 433890

Ion Ratio Lower Upper

41 100

39 45.3 37.5 56.3

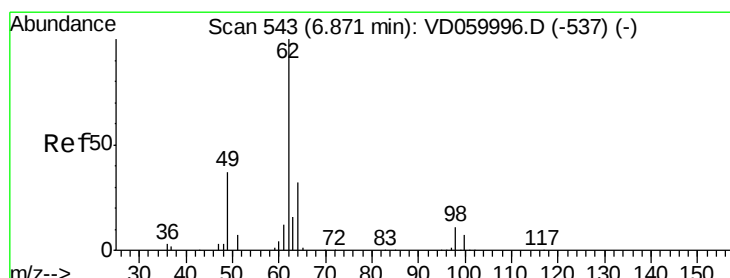
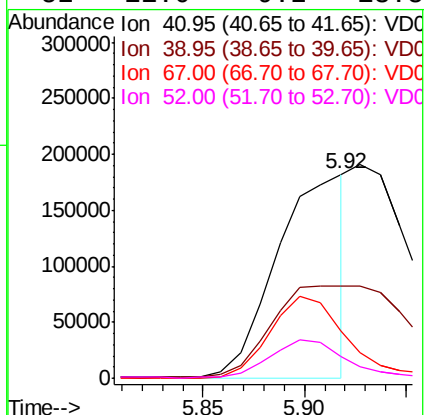
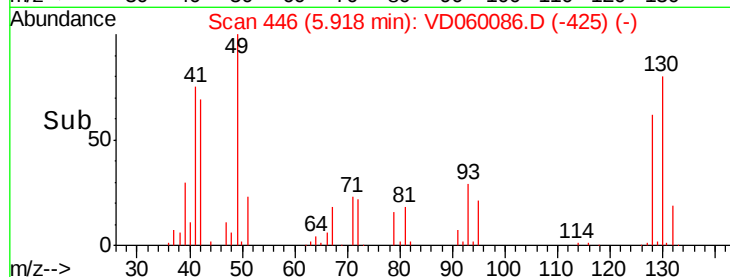
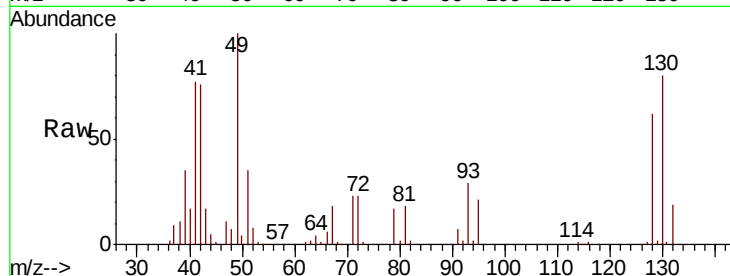
67 23.4 21.5 32.3

52 11.0 9.2 13.8

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#42

1,2-Dichloroethane

Concen: 49.029 ug/l

RT: 6.88 min Scan# 544

Delta R.T. 0.01 min

Lab File: VD060086.D

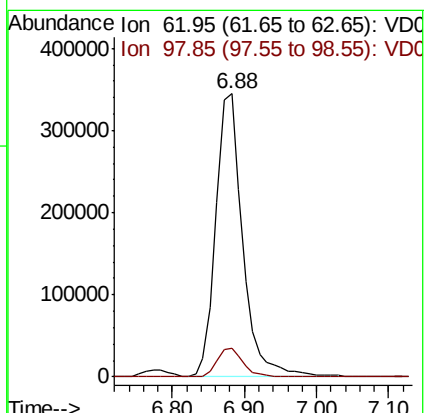
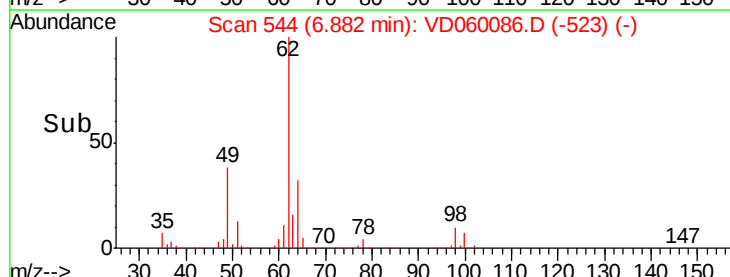
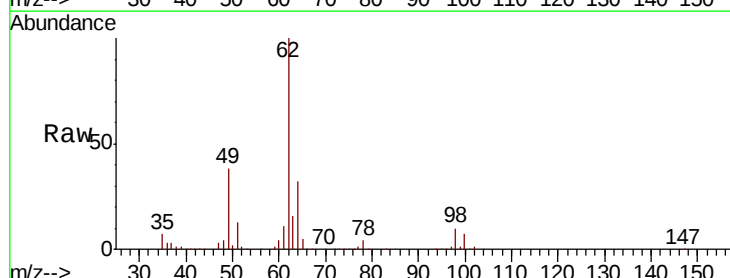
Acq: 25 Sep 2018 11:32

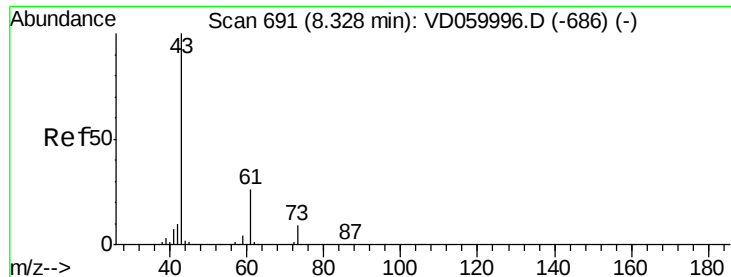
Tgt Ion: 62 Resp: 877938

Ion Ratio Lower Upper

62 100

98 10.3 0.0 21.4





#43

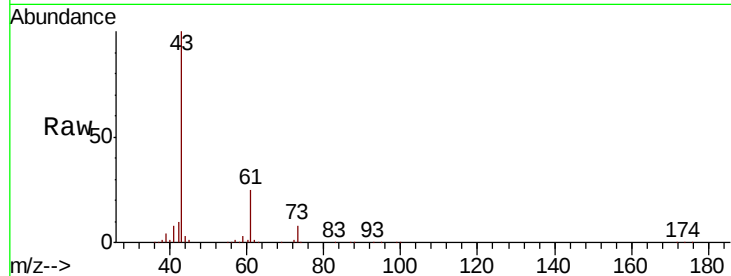
Isopropyl Acetate  
 Concen: 48.277 ug/l  
 RT: 8.33 min Scan# 691  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

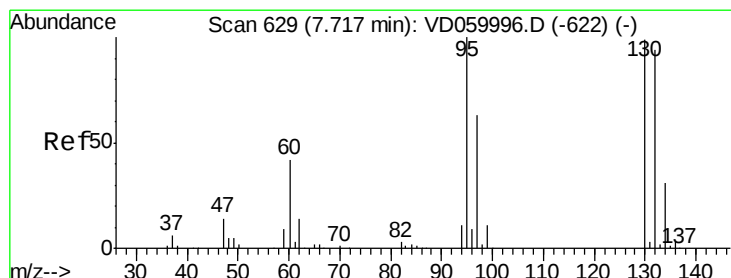
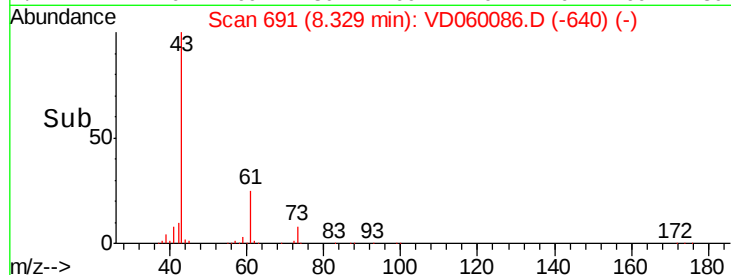
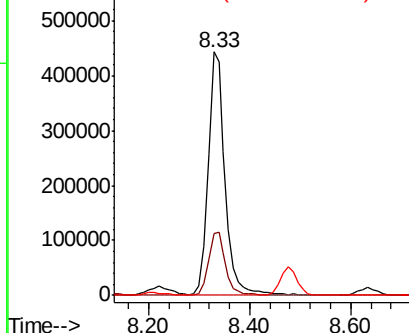
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 25.5  | 21.0  | 31.6  |
| 87      | 0.2   | 0.2   | 0.2   |

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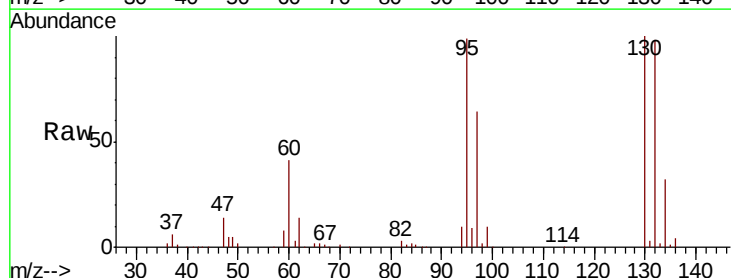
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



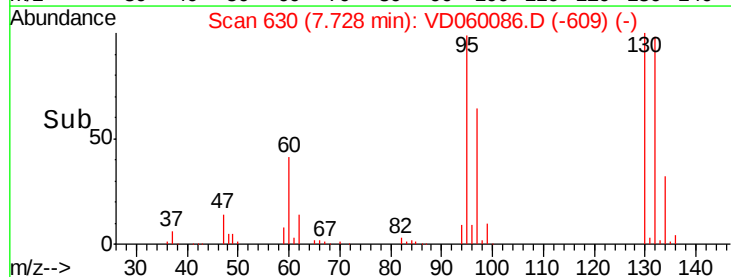
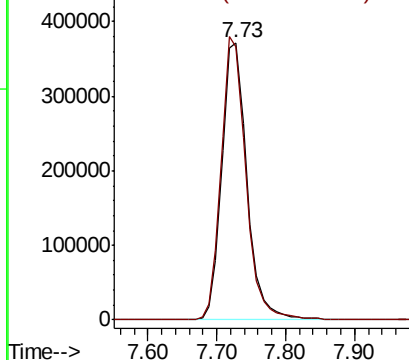
#44

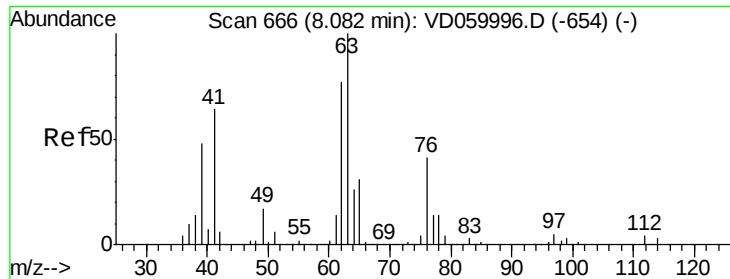
Trichloroethene  
 Concen: 51.080 ug/l  
 RT: 7.73 min Scan# 630  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.6  | 0.0   | 202.0 |



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





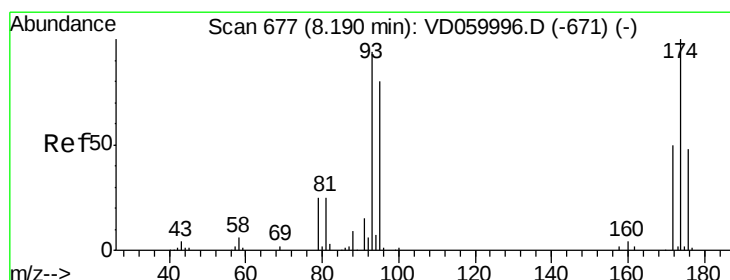
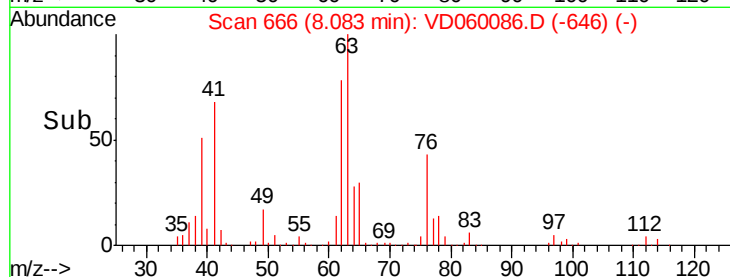
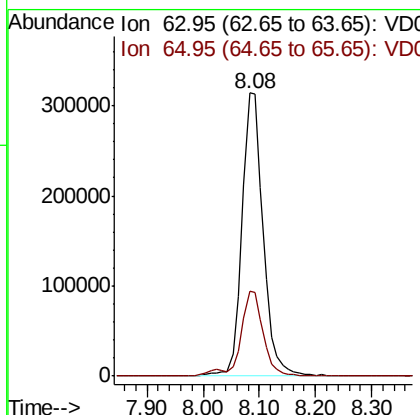
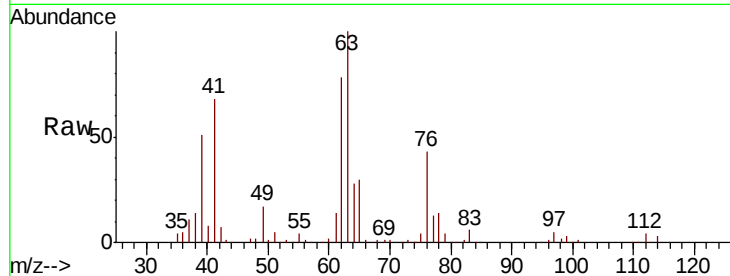
#45  
 1,2-Dichloropropane  
 Concen: 51.437 ug/l  
 RT: 8.08 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 820235  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 24.6 37.0

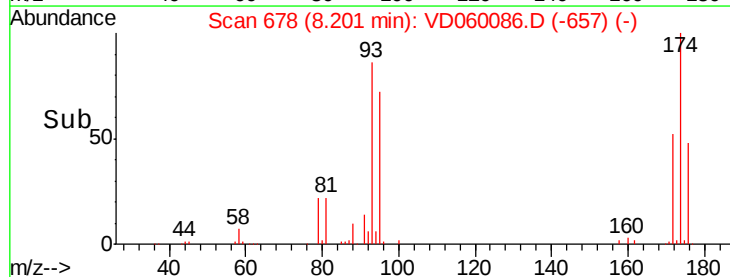
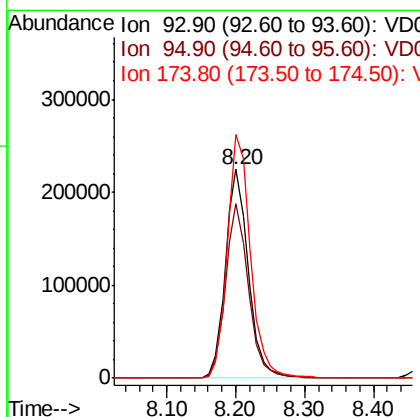
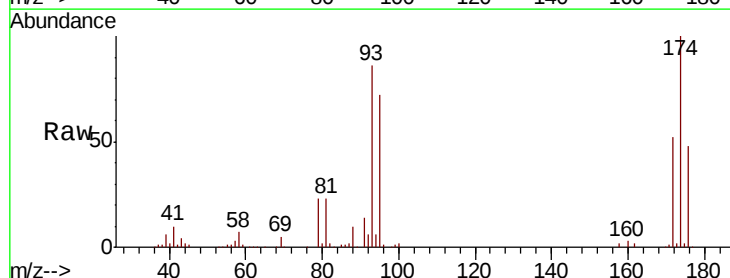
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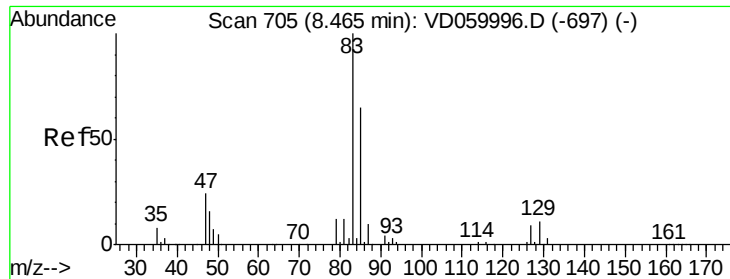
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#46  
 Dibromomethane  
 Concen: 49.721 ug/l  
 RT: 8.20 min Scan# 678  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Tgt Ion: 93 Resp: 517331  
 Ion Ratio Lower Upper  
 93 100  
 95 83.7 68.0 102.0  
 174 116.5 85.4 128.2





#47

Bromodichloromethane

Concen: 51.687 ug/l

RT: 8.48 min Scan# 706

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 1159464

Ion Ratio Lower Upper

83 100

85 65.0 51.9 77.9

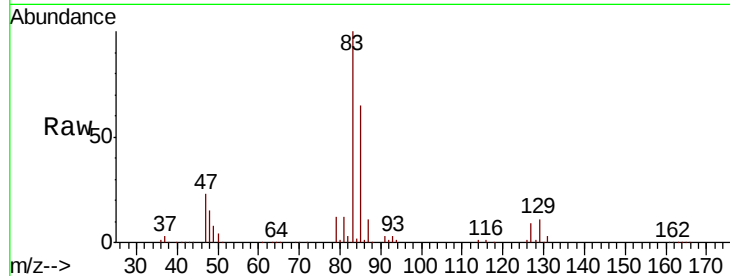
127 8.9 6.8 10.2

Manual Integrations

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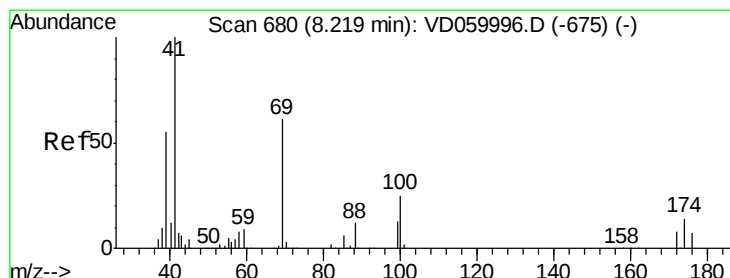
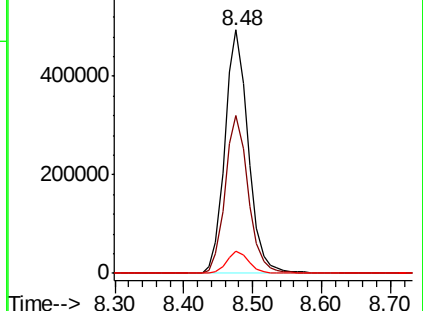
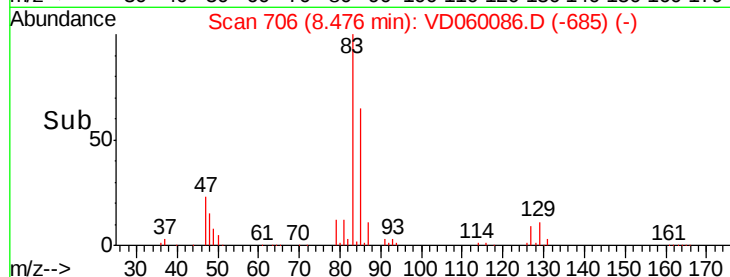
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Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 48.106 ug/l

RT: 8.23 min Scan# 681

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

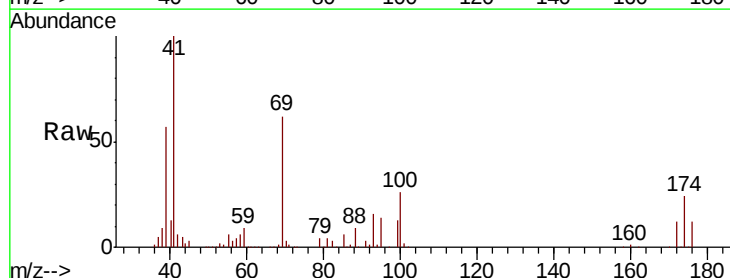
Tgt Ion: 41 Resp: 577192

Ion Ratio Lower Upper

41 100

69 61.7 48.3 72.5

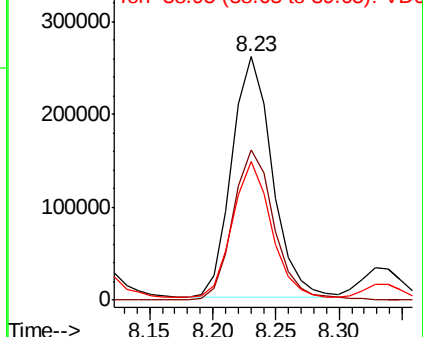
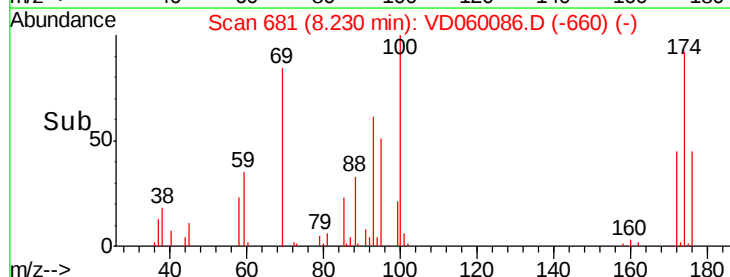
39 56.7 44.1 66.1

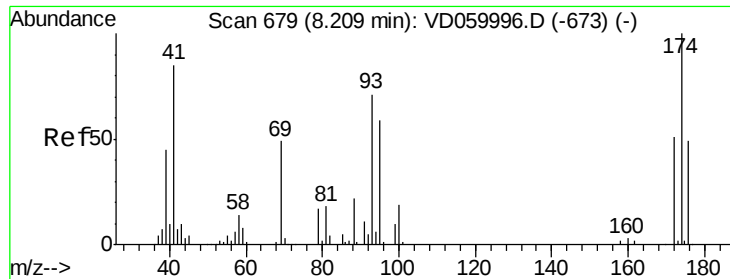


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





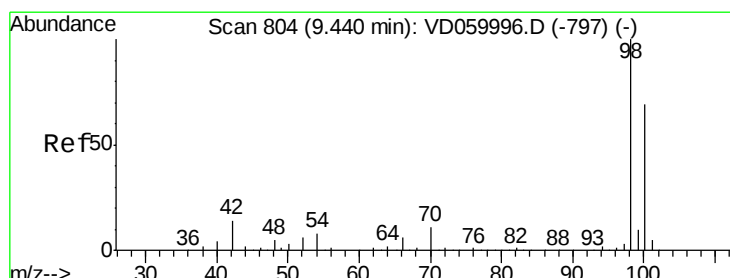
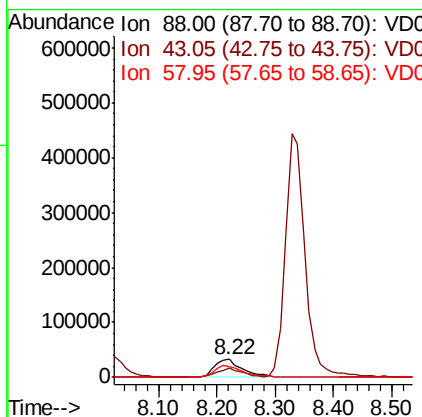
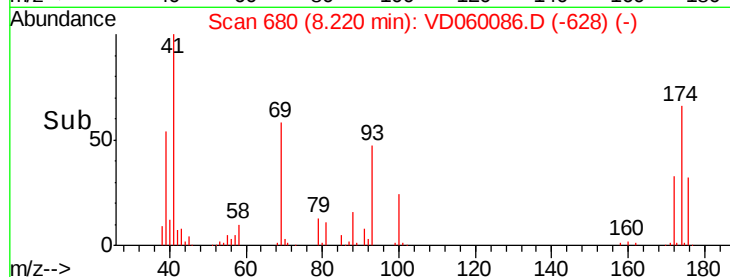
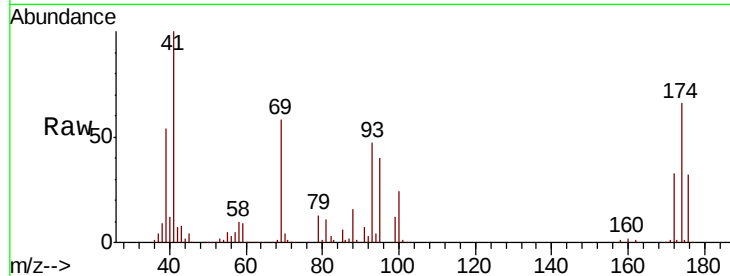
#49  
1,4-Dioxane  
Concen: 931.681 ug/l  
RT: 8.22 min Scan# 680  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 111030  
Ion Ratio Lower Upper  
88 100  
43 49.3 36.2 54.2  
58 62.3 51.0 76.6

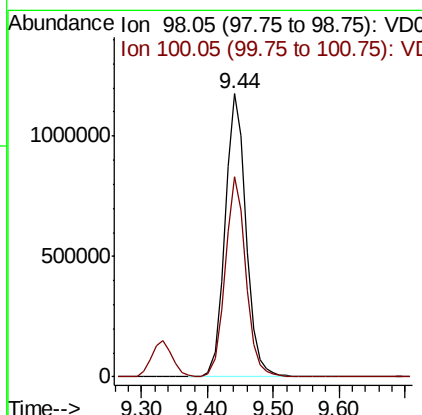
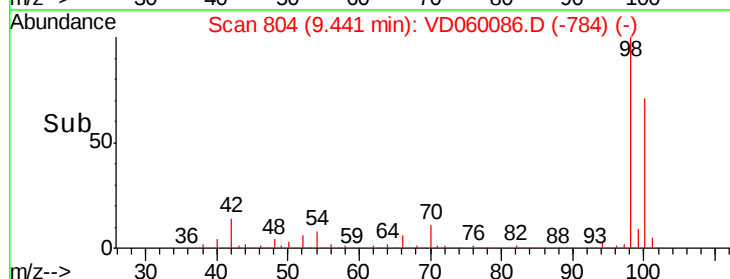
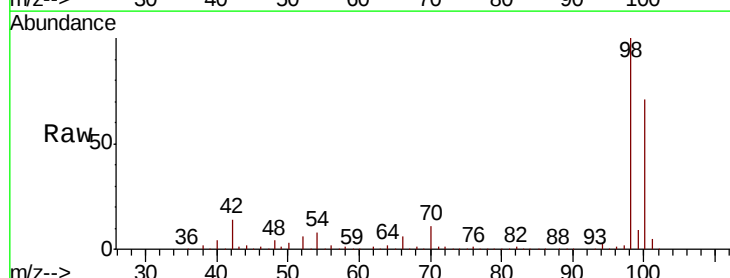
Manual Integrations  
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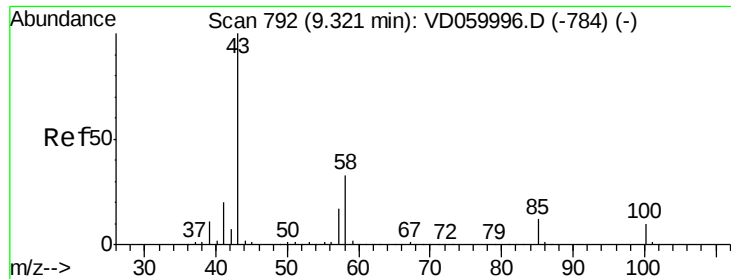
apatel  
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#50  
Toluene-d8  
Concen: 931.681 ug/l  
RT: 9.44 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 98 Resp: 2624644  
Ion Ratio Lower Upper  
98 100  
100 70.7 55.8 83.6





#51

4-Methyl-2-Pentanone

Concen: 218.805 ug/l

RT: 9.33 min Scan# 793

Delta R.T. 0.01 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 3159121

Ion Ratio Lower Upper

43 100

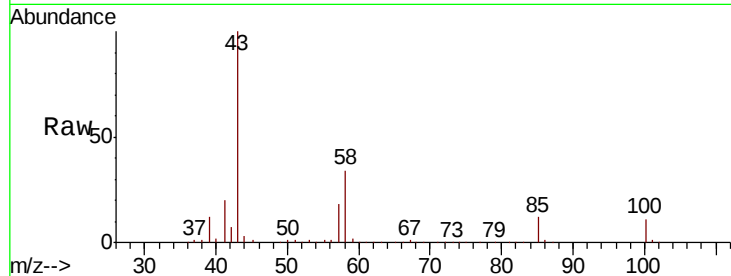
58 34.5 26.4 39.6

Manual Integrations

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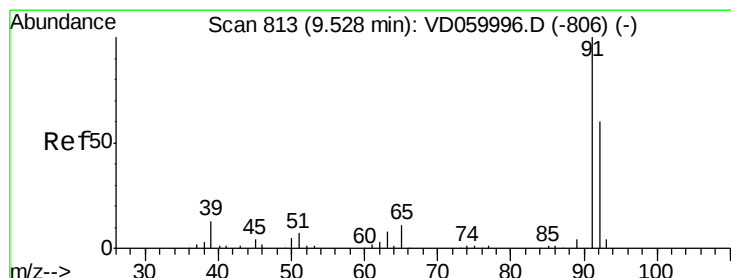
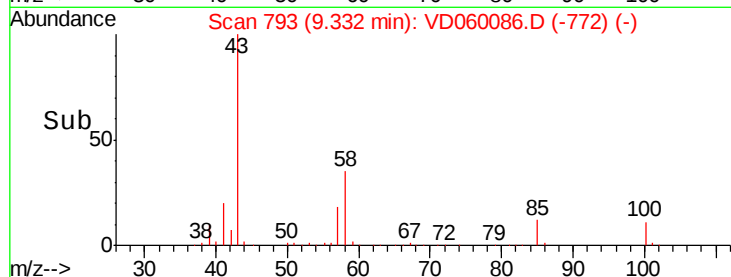
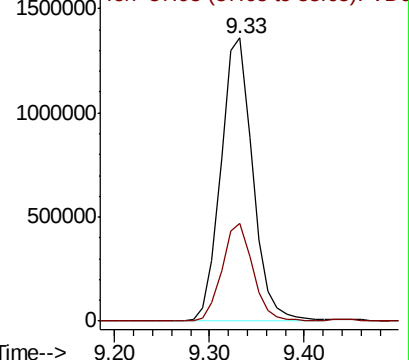
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 50.539 ug/l

RT: 9.54 min Scan# 814

Delta R.T. 0.01 min

Lab File: VD060086.D

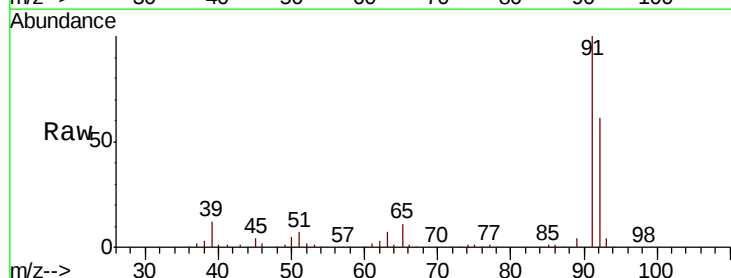
Acq: 25 Sep 2018 11:32

Tgt Ion: 92 Resp: 1931862

Ion Ratio Lower Upper

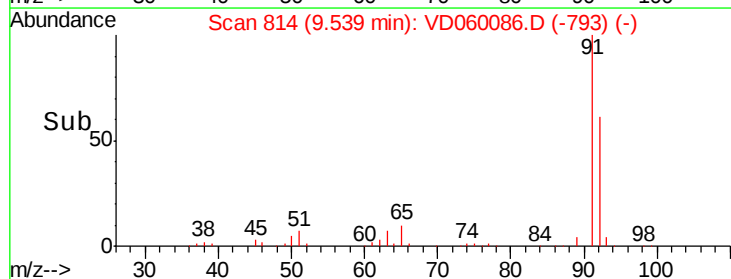
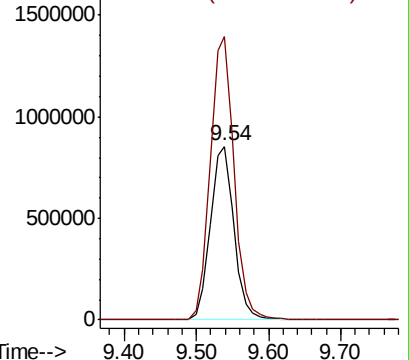
92 100

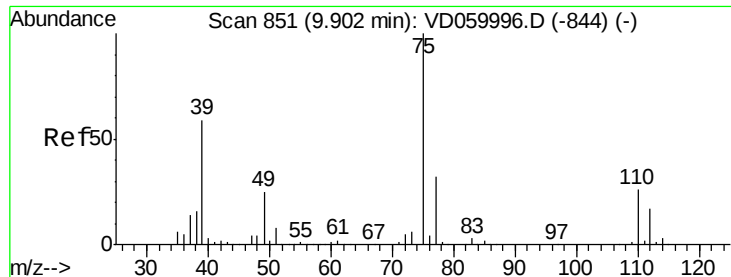
91 163.2 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





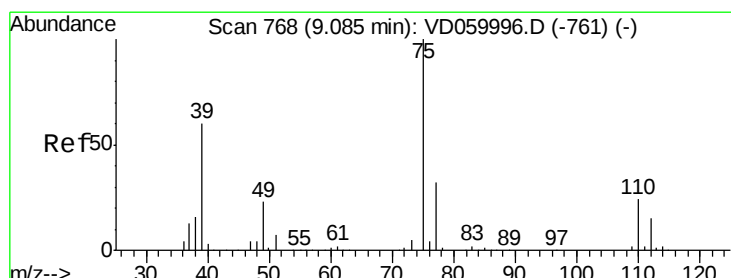
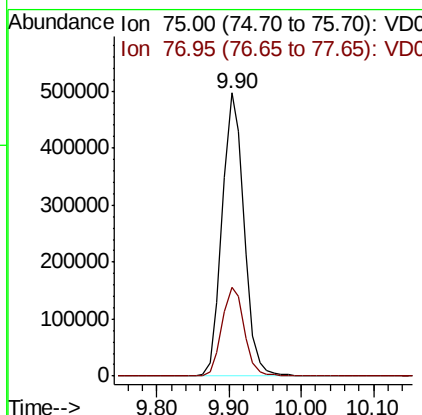
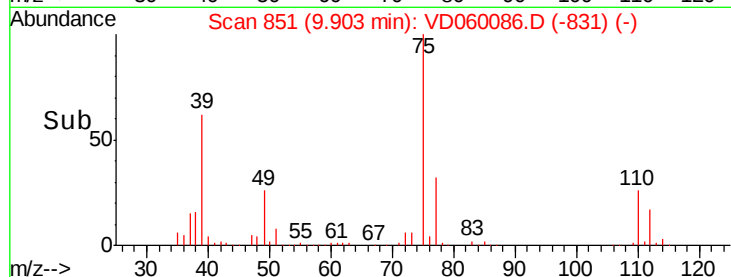
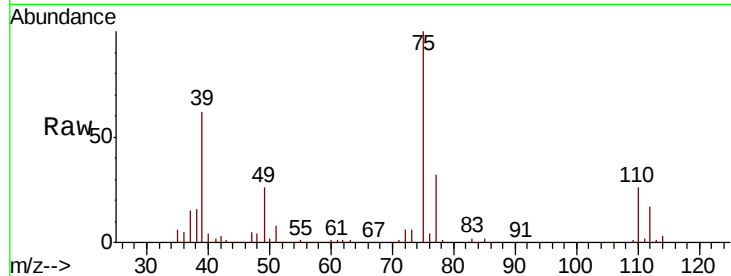
#53  
 t-1,3-Dichloropropene  
 Concen: 49.886 ug/l  
 RT: 9.90 min Scan# 851  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Tot Ion: 75 Resp: 1043714  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.6 38.4

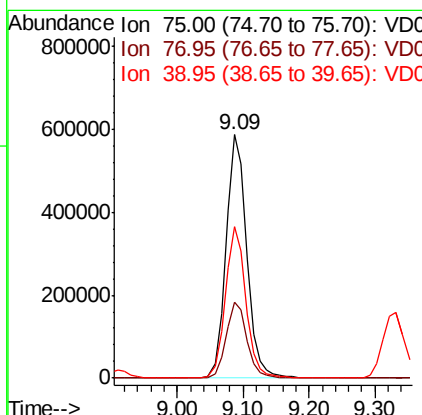
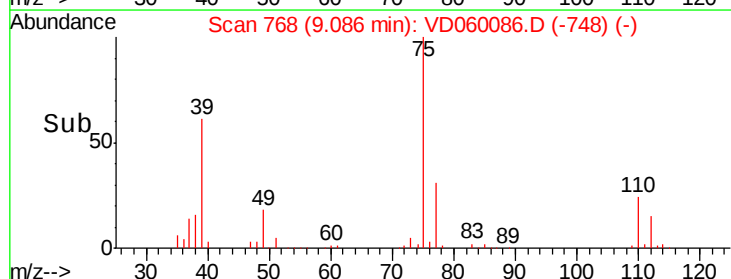
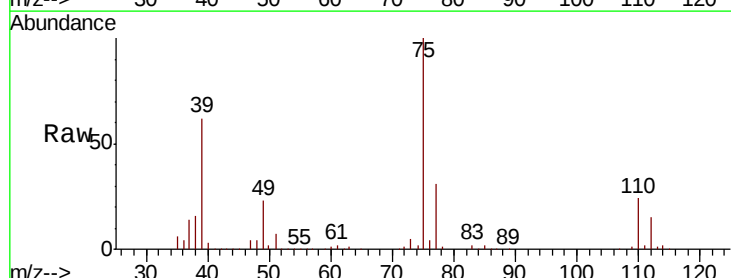
Manual Integrations  
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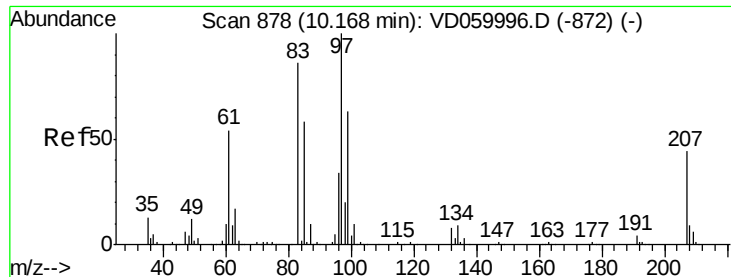
apatel  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 51.698 ug/l  
 RT: 9.09 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Tgt Ion: 75 Resp: 1292323  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.5 38.3  
 39 62.1 48.0 72.0





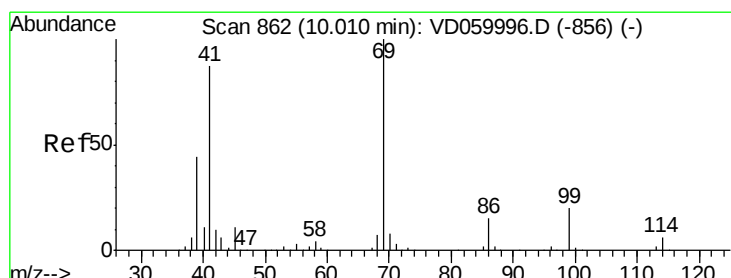
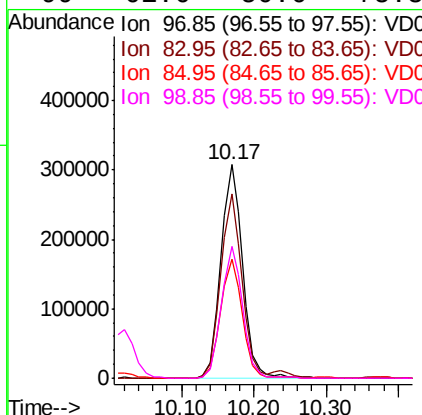
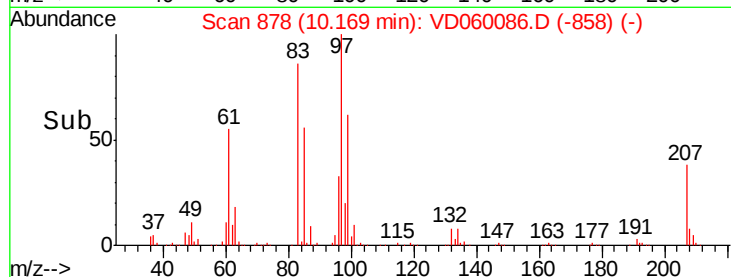
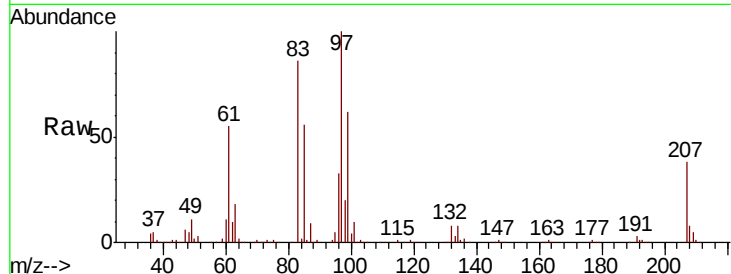
#55  
 1,1,2-Trichloroethane  
 Concen: 47.936 ug/l  
 RT: 10.17 min Scan# 878  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion   | 97    | Resp  | 636211 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 86.1  | 69.1  | 103.7  |
| 85        | 55.6  | 46.2  | 69.4   |
| 99        | 61.6  | 50.6  | 75.8   |

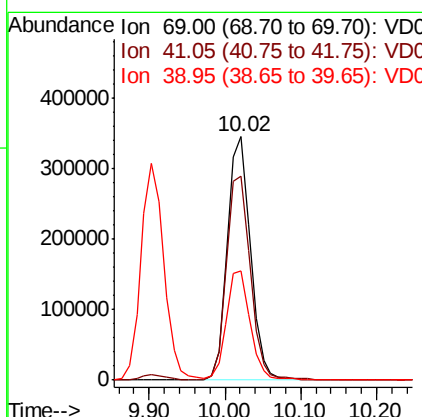
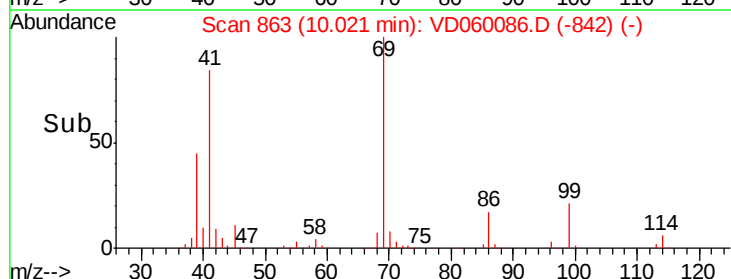
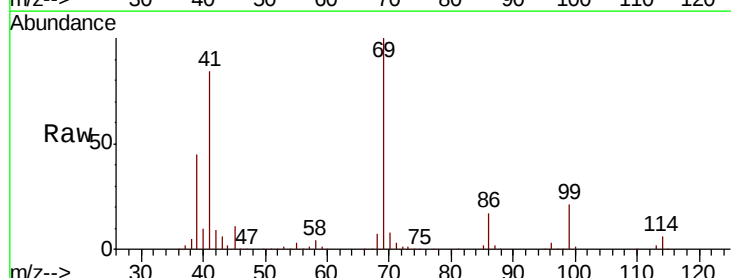
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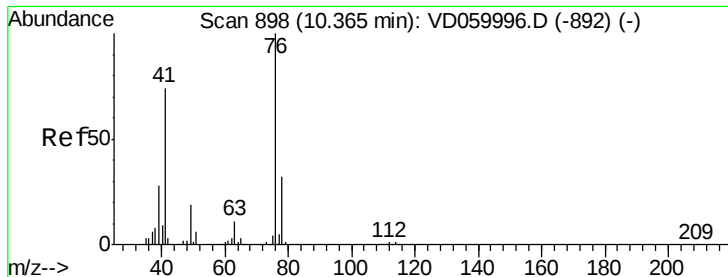
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 49.351 ug/l  
 RT: 10.02 min Scan# 863  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

| Tgt Ion   | 69    | Resp  | 726502 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 83.8  | 70.1  | 105.1  |
| 39        | 44.7  | 36.5  | 54.7   |





#57

1,3-Dichloropropane

Concen: 50.029 ug/l

RT: 10.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 980107

Ion Ratio Lower Upper

76 100

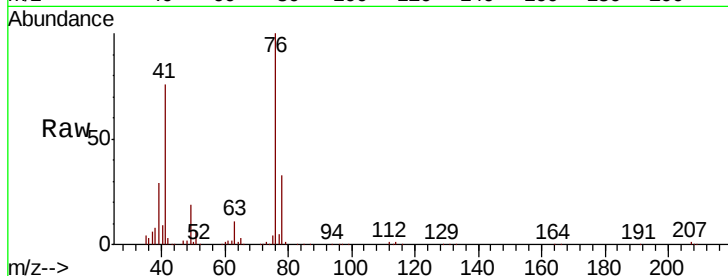
78 32.5 25.3 37.9

Manual Integrations

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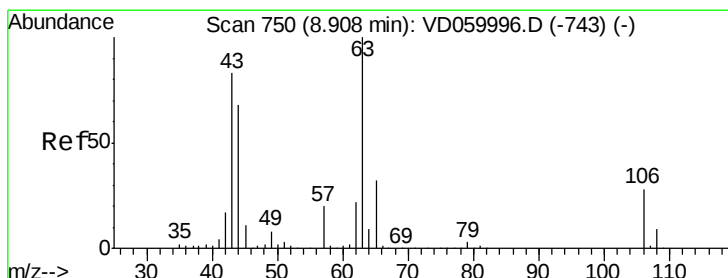
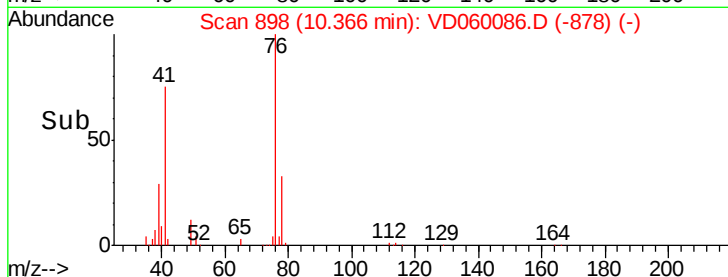
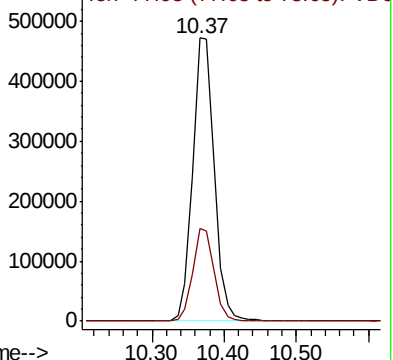
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Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 255.737 ug/l

RT: 8.91 min Scan# 750

Delta R.T. 0.00 min

Lab File: VD060086.D

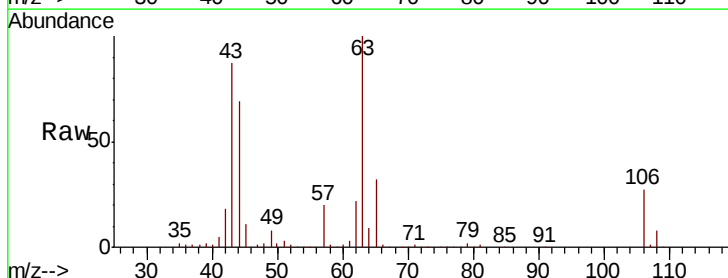
Acq: 25 Sep 2018 11:32

Tgt Ion: 63 Resp: 1817943

Ion Ratio Lower Upper

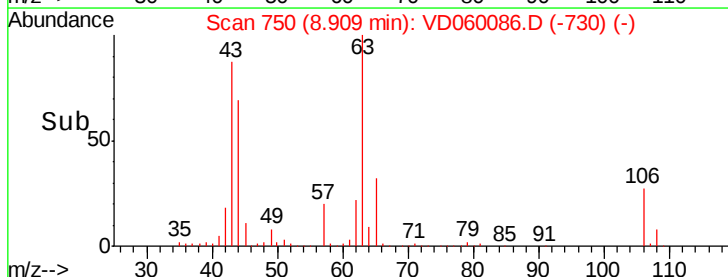
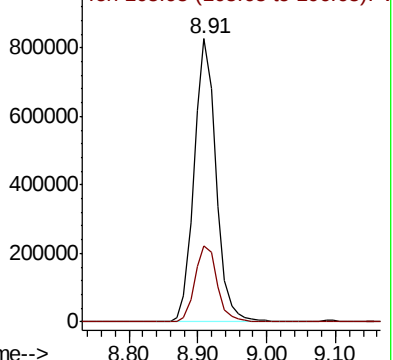
63 100

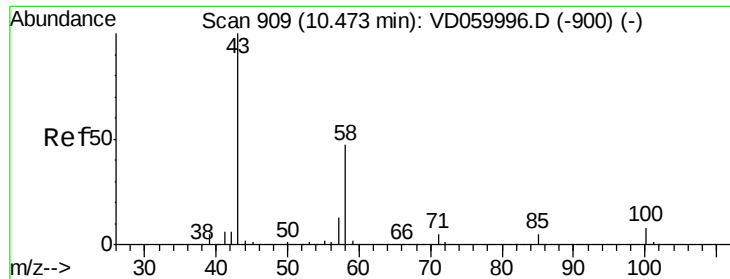
106 27.1 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





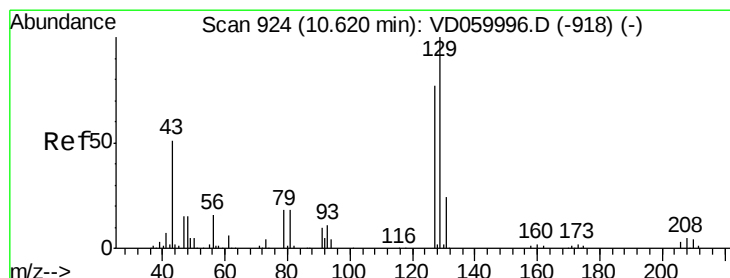
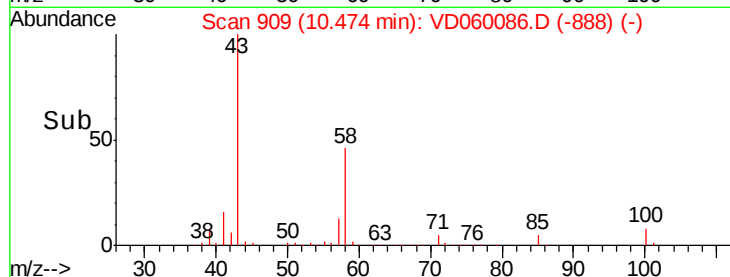
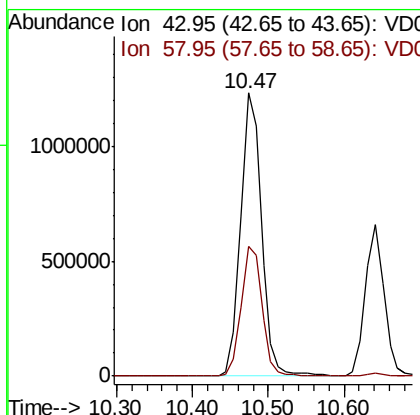
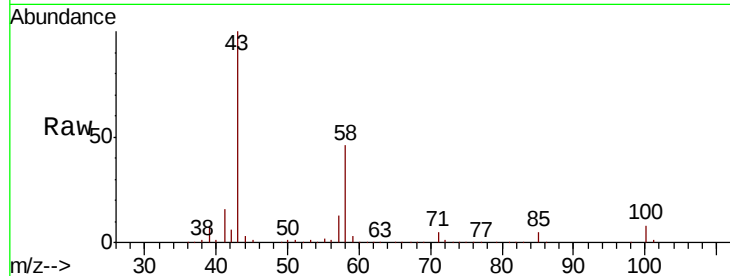
#59  
2-Hexanone  
Concen: 228.446 ug/l  
RT: 10.47 min Scan# 909  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 2344508  
Ion Ratio Lower Upper  
43 100  
58 45.9 23.4 70.0

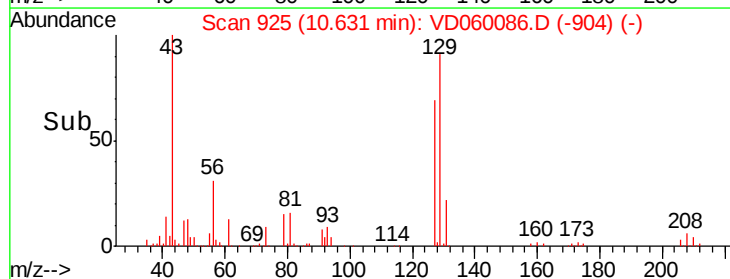
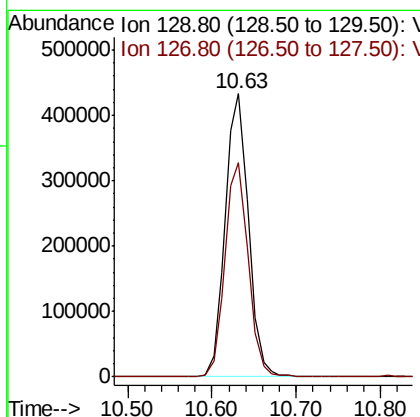
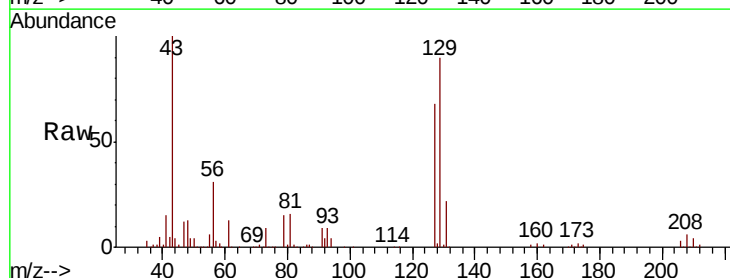
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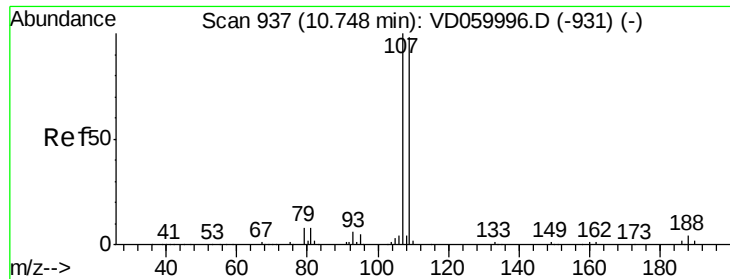
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#60  
Dibromochloromethane  
Concen: 51.414 ug/l  
RT: 10.63 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 129 Resp: 830539  
Ion Ratio Lower Upper  
129 100  
127 75.6 38.6 116.0





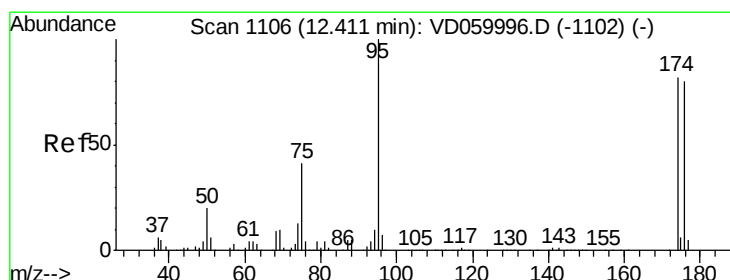
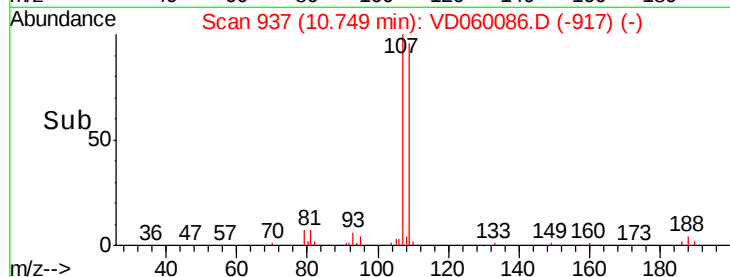
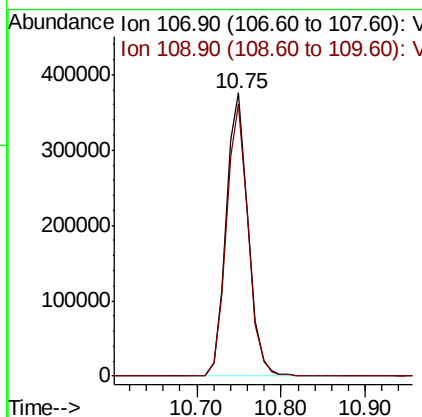
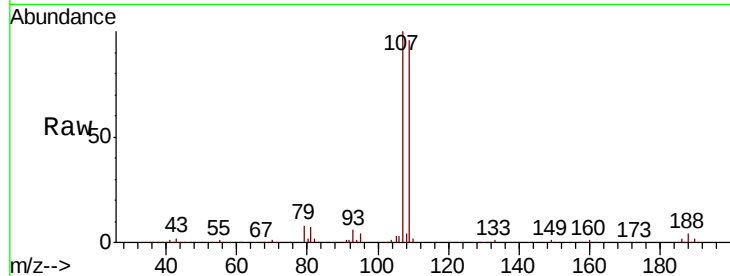
#61  
 1,2-Dibromoethane  
 Concen: 49.412 ug/l  
 RT: 10.75 min Scan# 937  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 677092  
 Ion Ratio Lower Upper  
 107 100  
 109 95.8 78.2 117.2

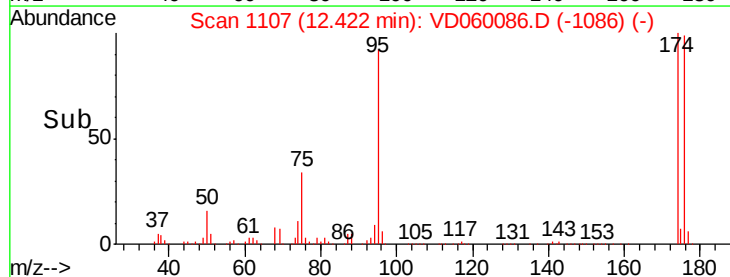
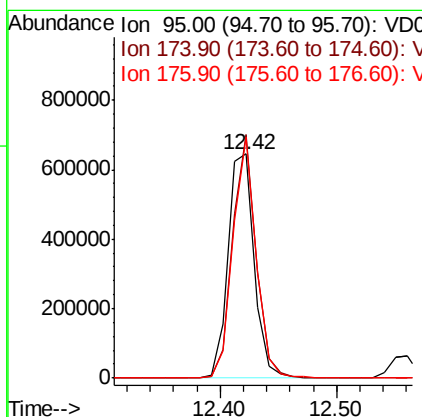
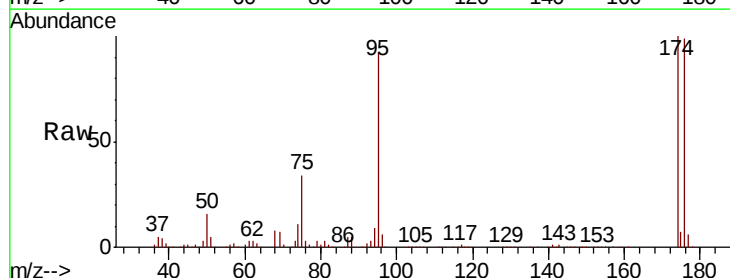
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#62  
 4-Bromofluorobenzene  
 Concen: 49.412 ug/l  
 RT: 12.42 min Scan# 1107  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Tgt Ion: 95 Resp: 1002938  
 Ion Ratio Lower Upper  
 95 100  
 174 108.6 0.0 165.0  
 176 107.4 0.0 160.2





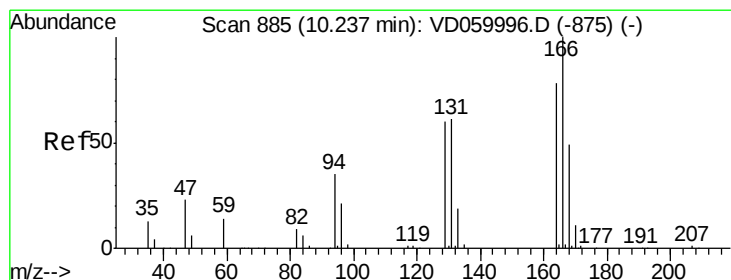
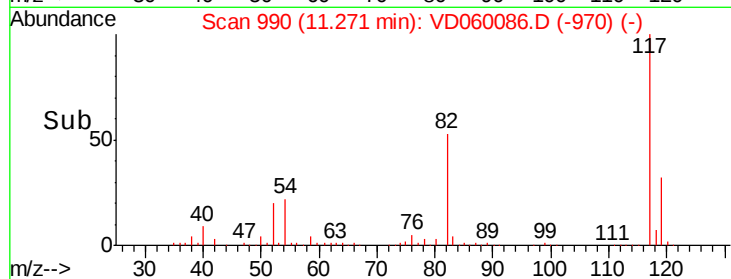
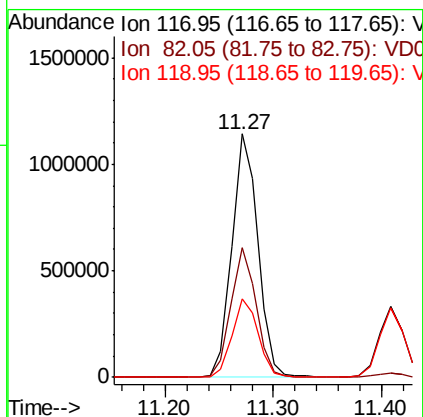
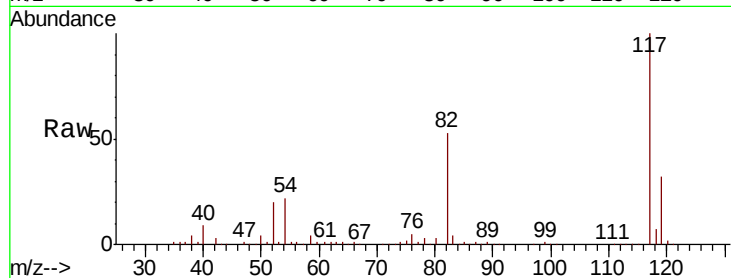
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.27 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.5  | 41.7  | 62.5  |
| 119     | 32.5  | 26.0  | 39.0  |

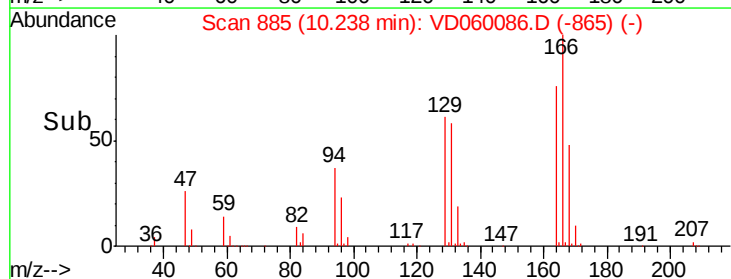
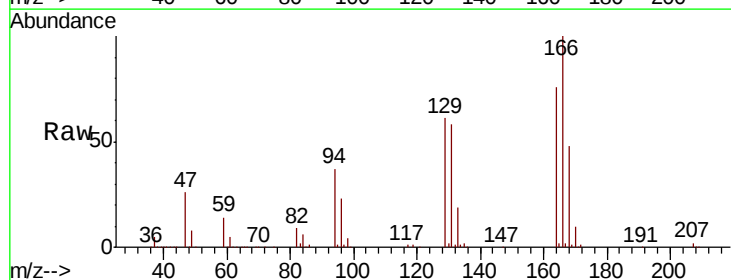
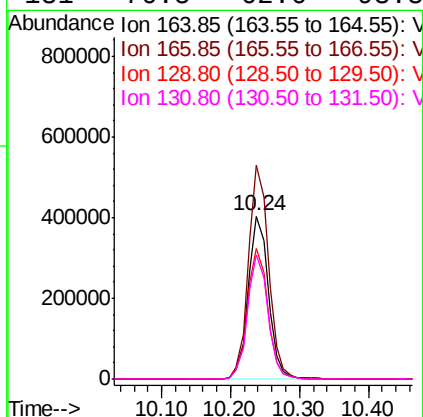
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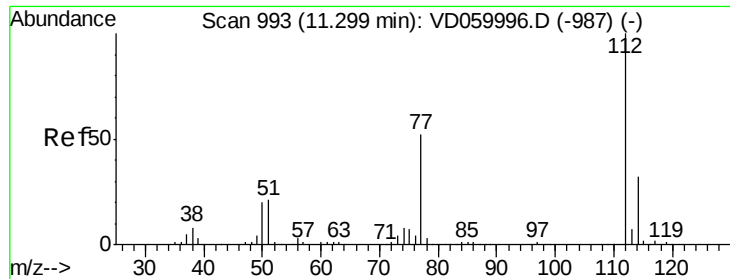
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#64  
Tetrachloroethene  
Concen: 49.078 ug/l  
RT: 10.24 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 103.0 | 154.6 |
| 129     | 80.5  | 61.9  | 92.9  |
| 131     | 76.5  | 62.6  | 93.8  |





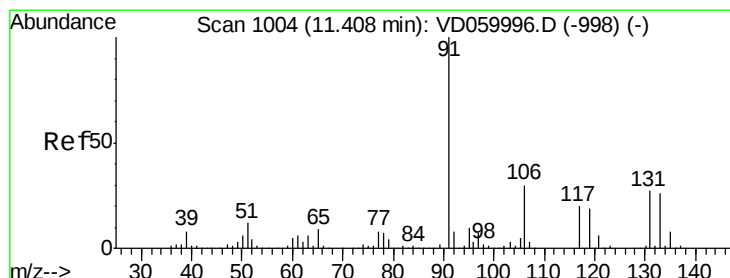
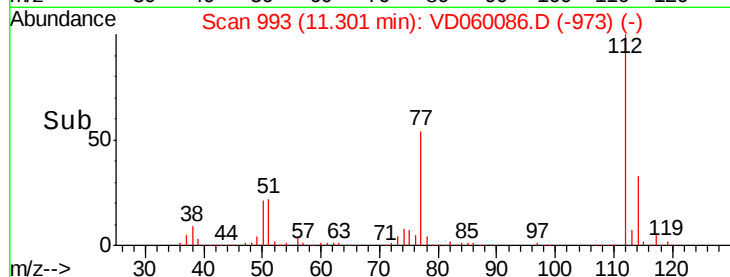
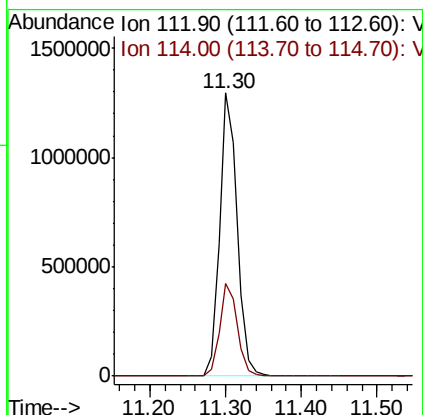
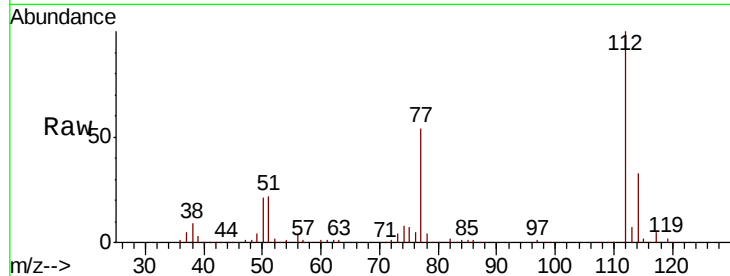
#65  
Chlorobenzene  
Concen: 51.242 ug/l  
RT: 11.30 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 2104102  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.3 37.9

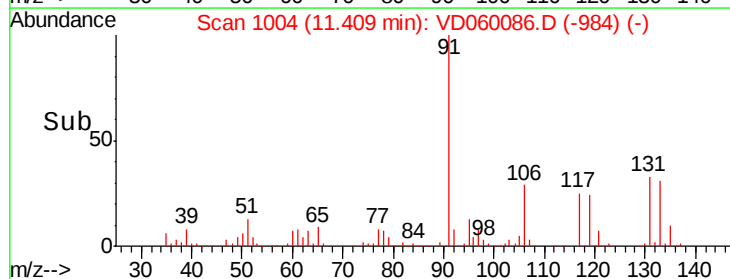
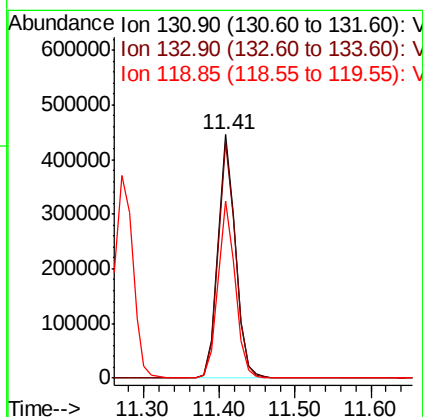
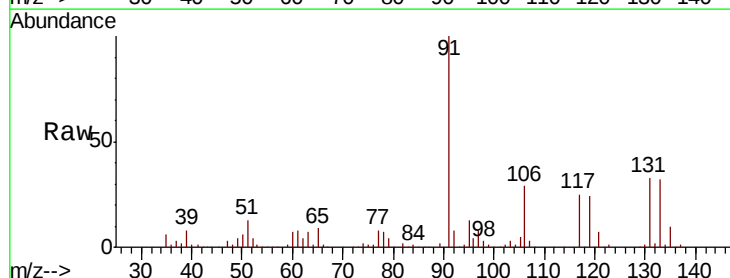
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.874 ug/l  
RT: 11.41 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion:131 Resp: 732281  
Ion Ratio Lower Upper  
131 100  
133 97.1 47.4 142.3  
119 72.8 35.6 106.9





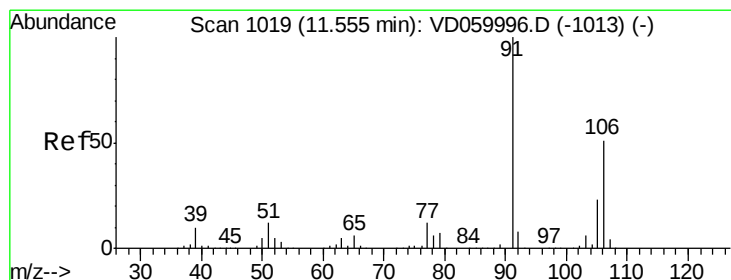
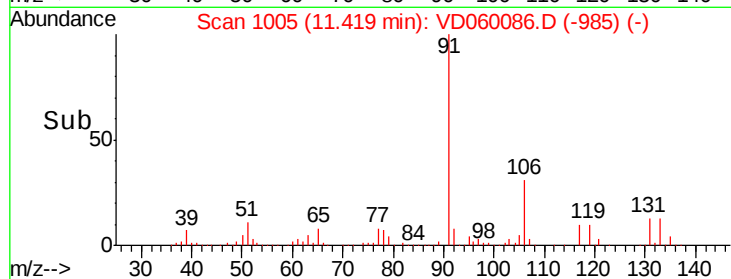
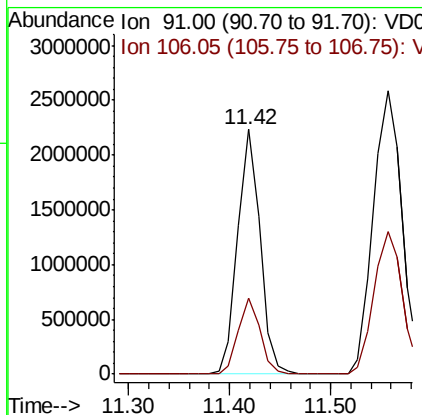
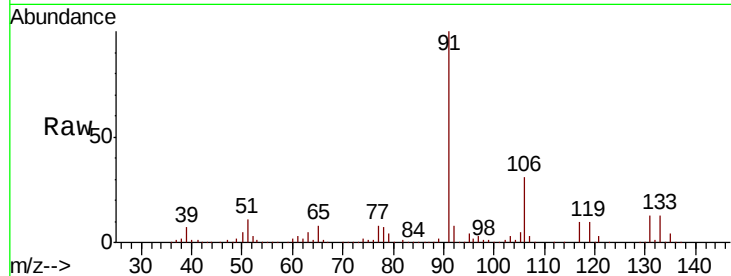
#67  
Ethyl Benzene  
Concen: 52.515 ug/l  
RT: 11.42 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 3470191  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.8 37.2

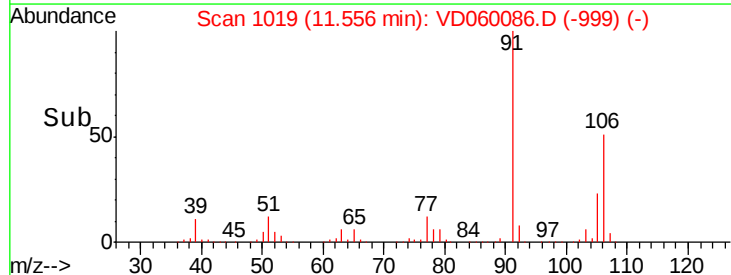
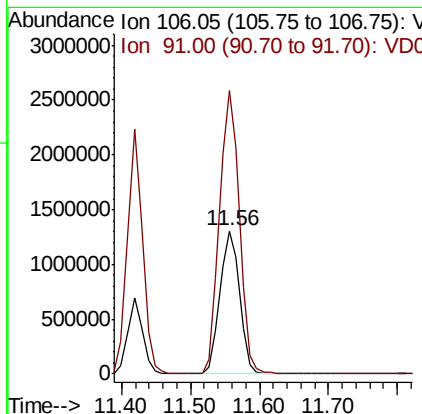
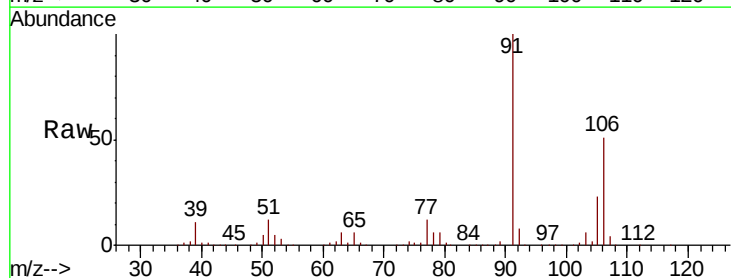
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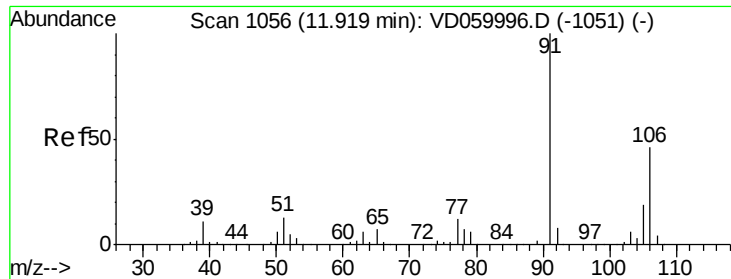
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#68  
m/p-Xylenes  
Concen: 105.647 ug/l  
RT: 11.56 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 106 Resp: 2578275  
Ion Ratio Lower Upper  
106 100  
91 197.9 157.0 235.6





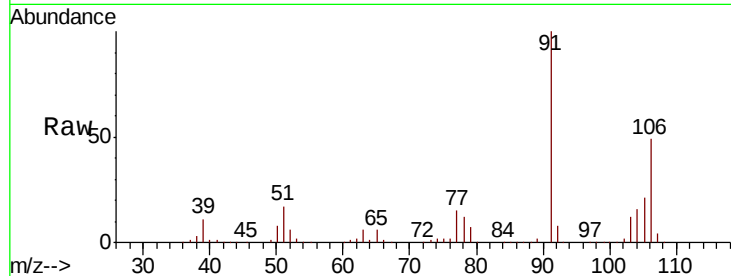
#69  
o-Xylene  
Concen: 52.929 ug/l  
RT: 11.93 min Scan# 1057  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

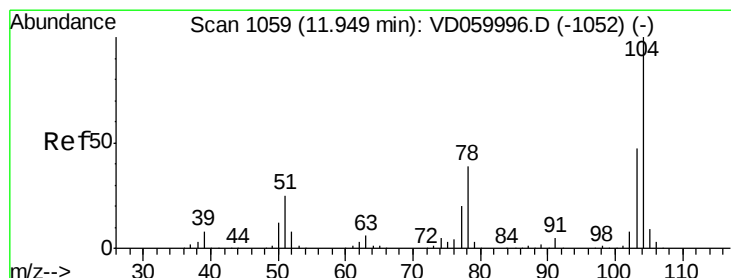
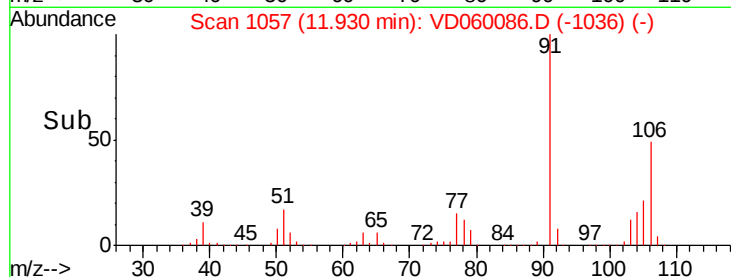
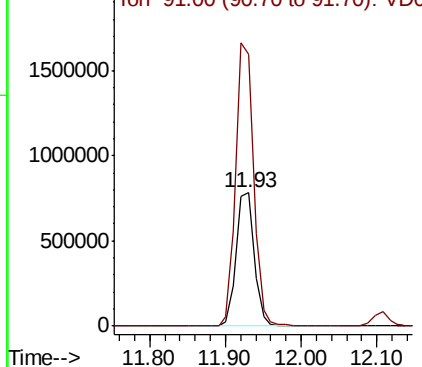
Tot Ion:106 Resp: 1279911  
Ion Ratio Lower Upper  
106 100  
91 204.5 107.7 323.1

Manual Integrations  
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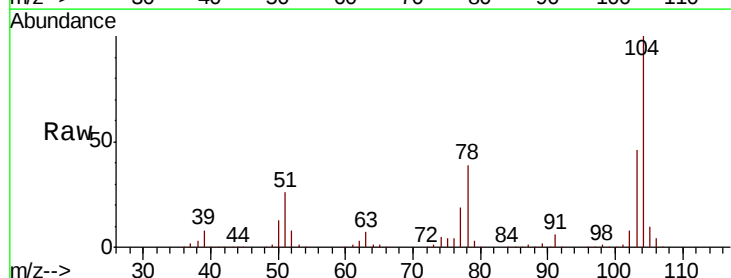


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

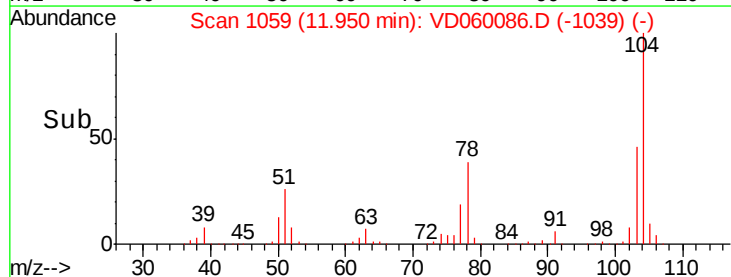
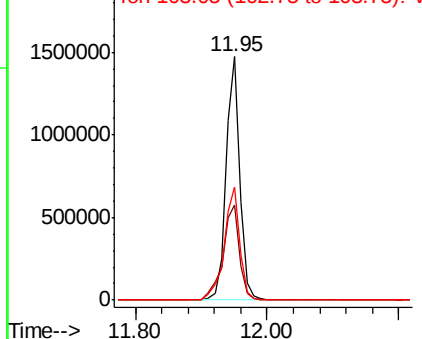


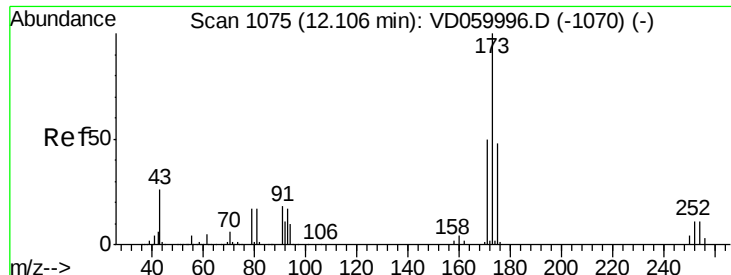
#70  
Styrene  
Concen: 52.520 ug/l  
RT: 11.95 min Scan# 1059  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion:104 Resp: 2135420  
Ion Ratio Lower Upper  
104 100  
78 39.0 31.0 46.4  
103 46.3 37.6 56.4



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





#71

Bromoform

Concen: 50.899 ug/l

RT: 12.11 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

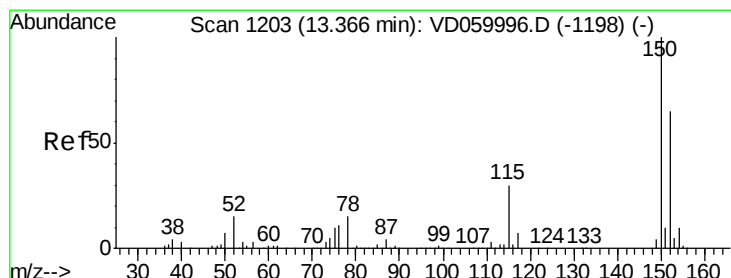
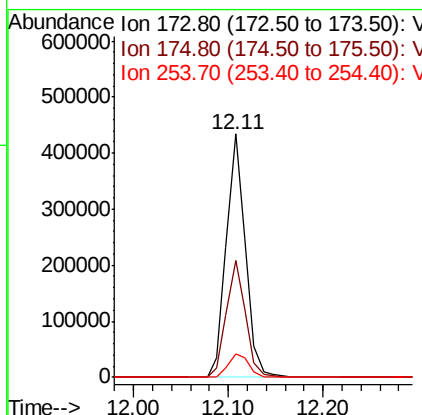
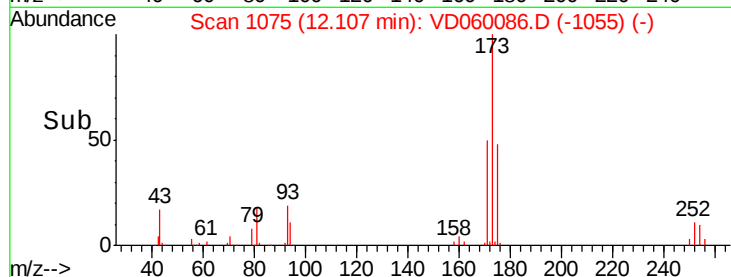
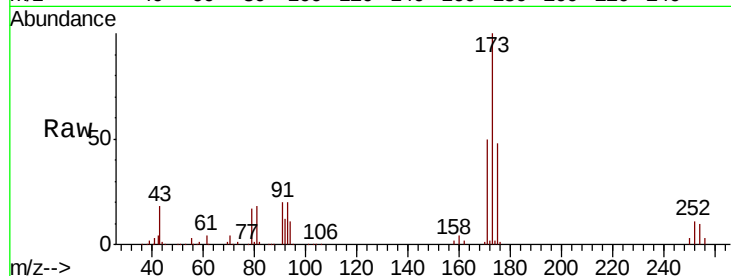
ClientSampleID :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 605644 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.1  | 24.0  | 72.0   |
| 254       | 9.8   | 8.6   | 13.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

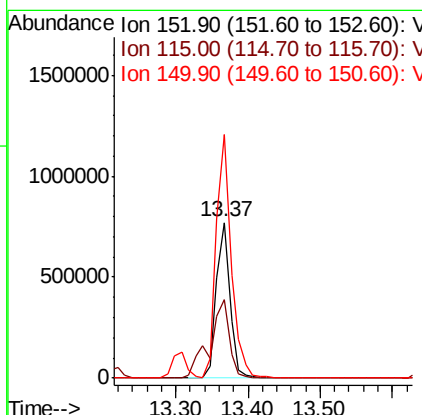
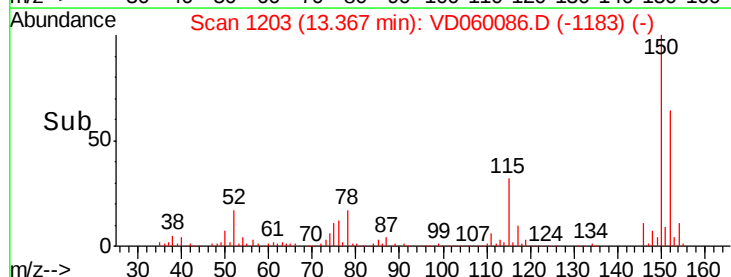
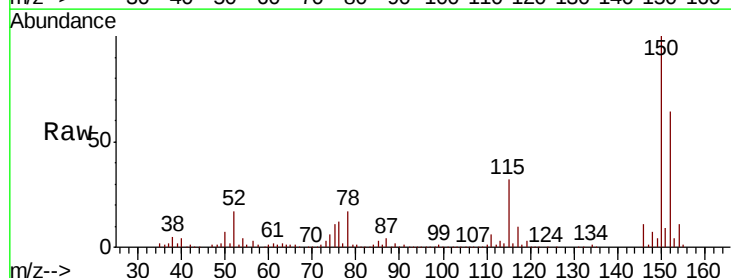
RT: 13.37 min Scan# 1203

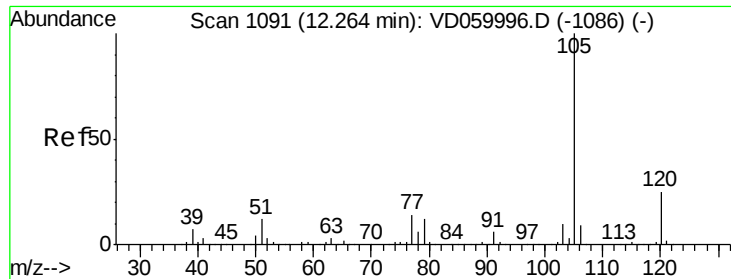
Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 995902 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 50.4  | 24.6  | 73.8   |
| 150       | 156.1 | 0.0   | 313.4  |





#73

Isopropylbenzene

Concen: 53.118 ug/l

RT: 12.26 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 3469456

Ion Ratio Lower Upper

105 100

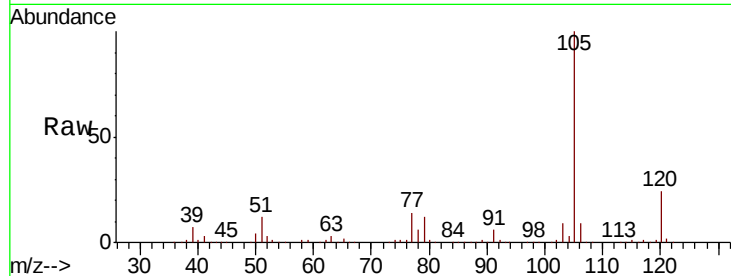
120 24.0 12.3 36.9

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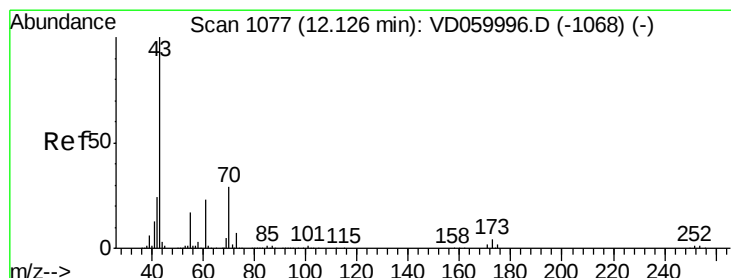
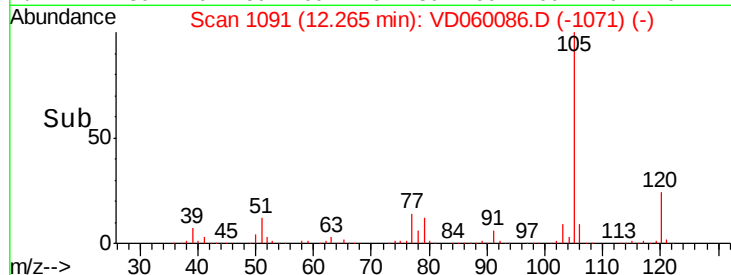
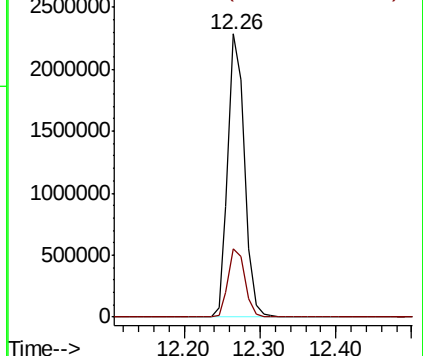
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 48.949 ug/l

RT: 12.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Tgt Ion: 43 Resp: 1266422

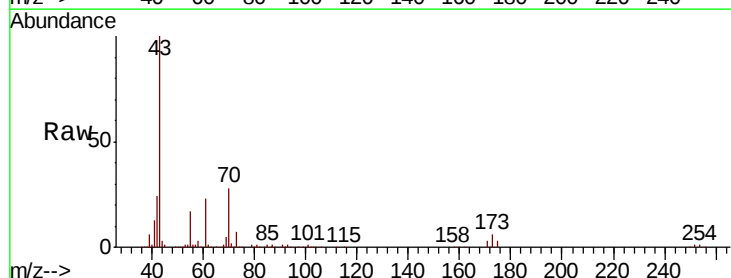
Ion Ratio Lower Upper

43 100

70 28.2 22.9 34.3

55 17.3 14.0 21.0

61 23.1 18.7 28.1

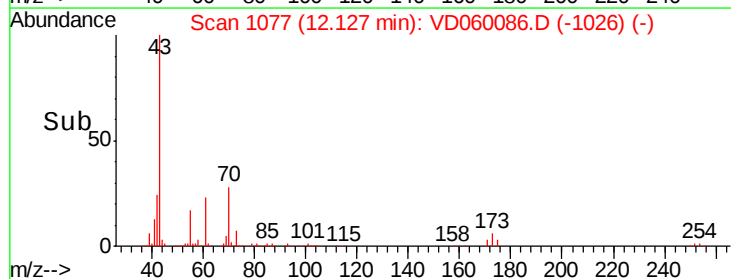
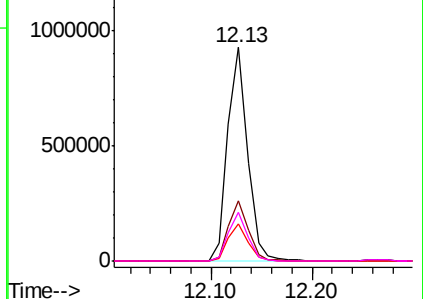


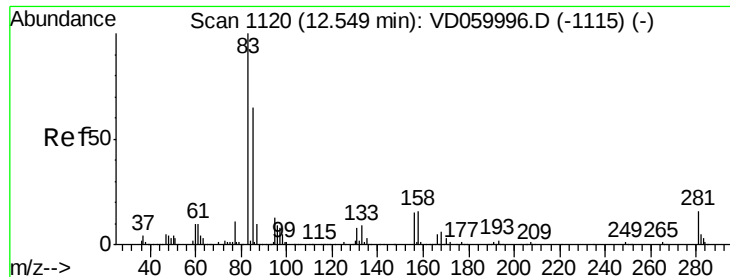
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 49.749 ug/l

RT: 12.55 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

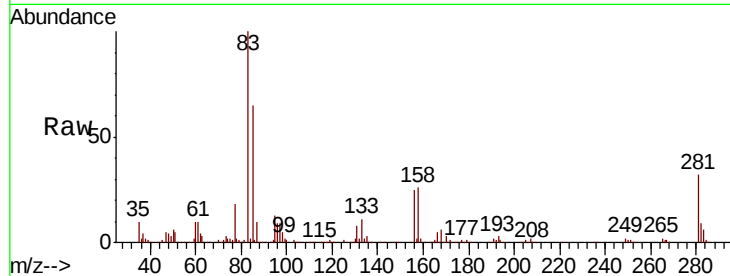
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 737148 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.4   | 4.1   | 12.3   |
| 85        | 65.3  | 32.4  | 97.2   |

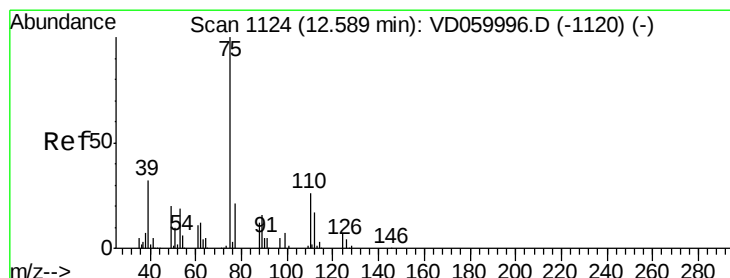
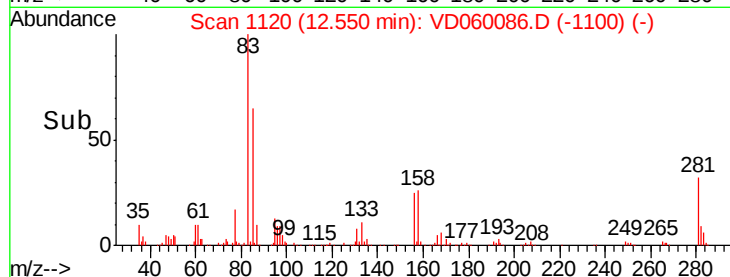
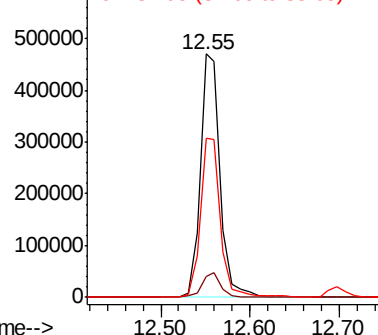
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Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 130.90 (130.60 to 131.60): VDC  
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 49.435 ug/l

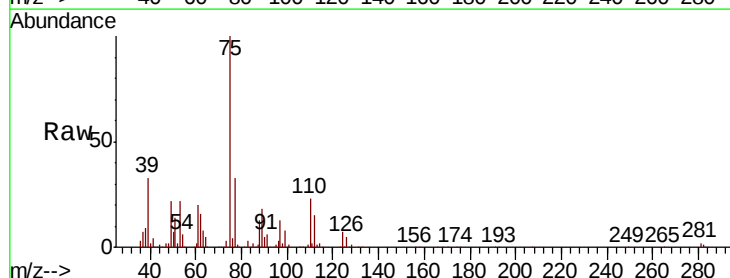
RT: 12.59 min Scan# 1124

Delta R.T. 0.00 min

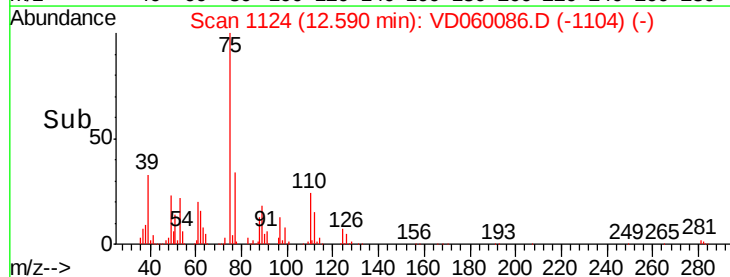
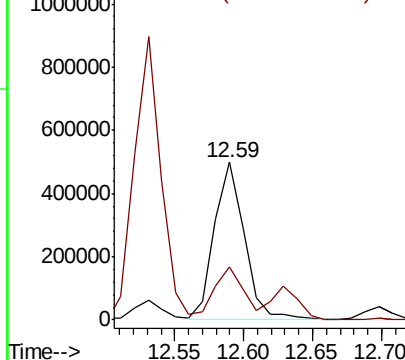
Lab File: VD060086.D

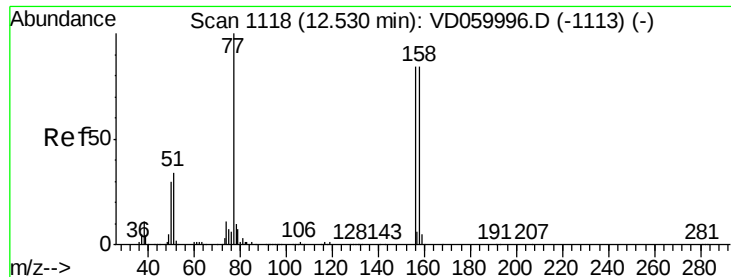
Acq: 25 Sep 2018 11:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 751915 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 33.5  | 16.4  | 49.4   |



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





#77

Bromobenzene

Concen: 52.667 ug/l

RT: 12.53 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

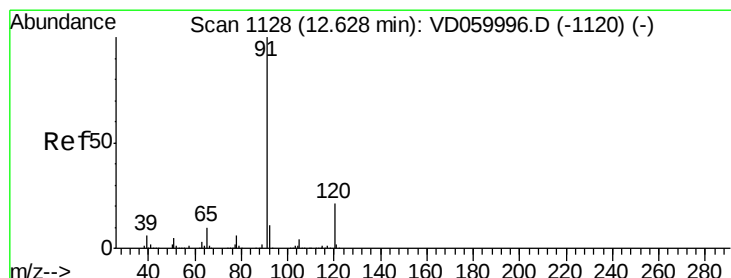
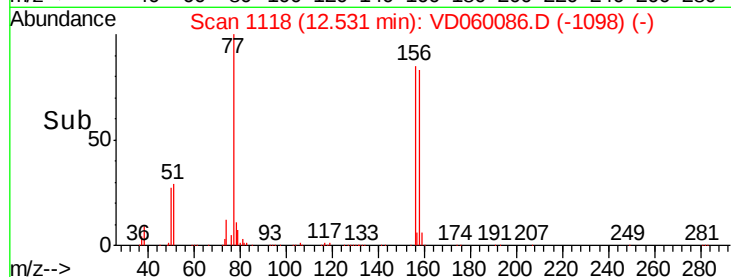
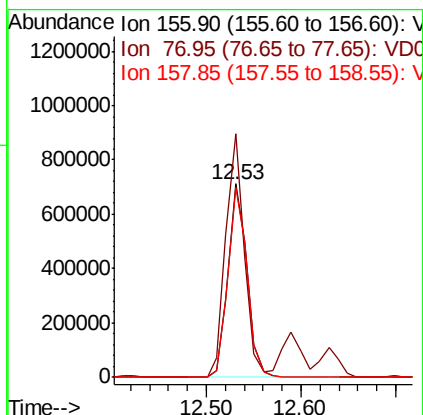
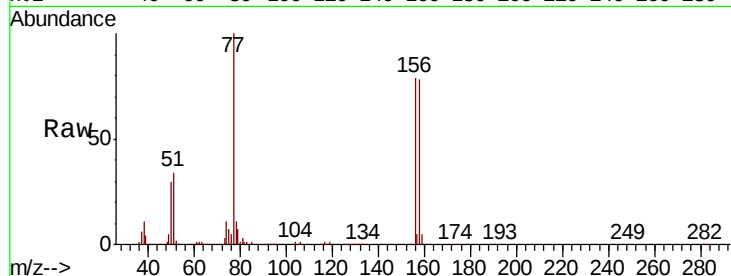
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 990914 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 125.8 | 59.5  | 178.4  |
| 158       | 98.0  | 50.0  | 149.8  |

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#78

n-propylbenzene

Concen: 52.891 ug/l

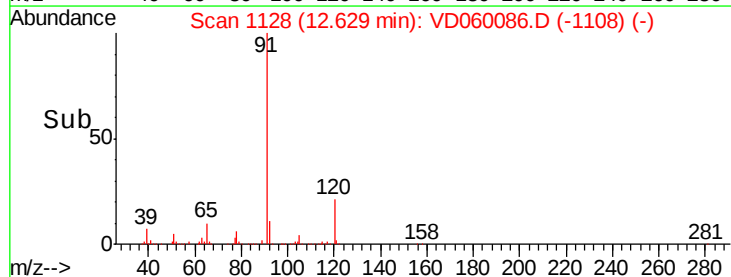
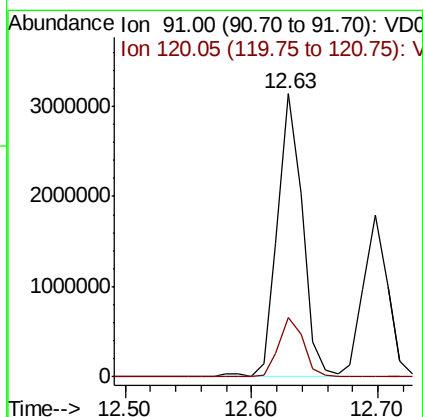
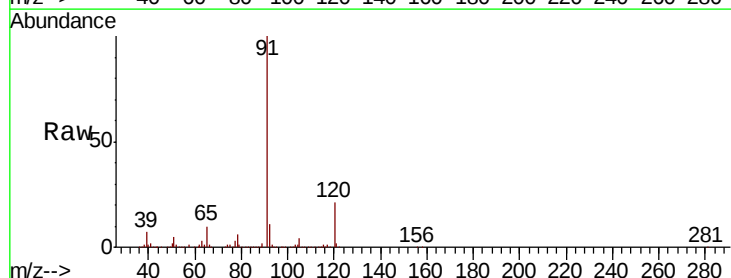
RT: 12.63 min Scan# 1128

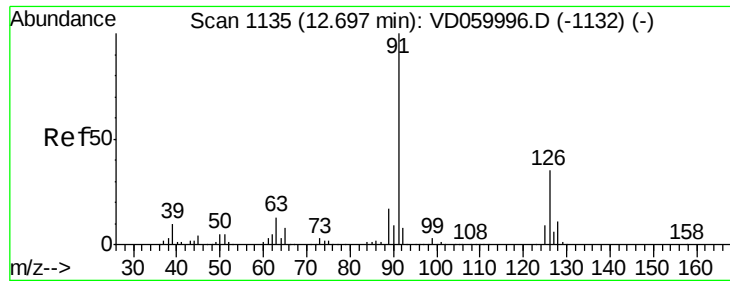
Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 4344261 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 21.1  | 10.7  | 31.9    |





#79

2-Chlorotoluene

Concen: 51.949 ug/l

RT: 12.70 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VD060086.D

Acq: 25 Sep 2018 11:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2408332

Ion Ratio Lower Upper

91 100

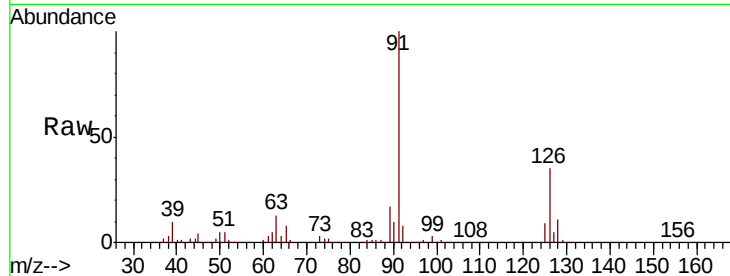
126 35.1 17.3 52.0

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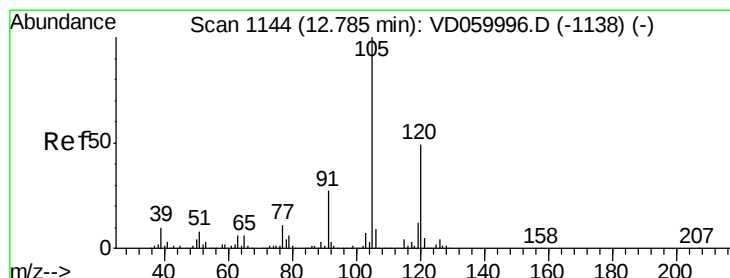
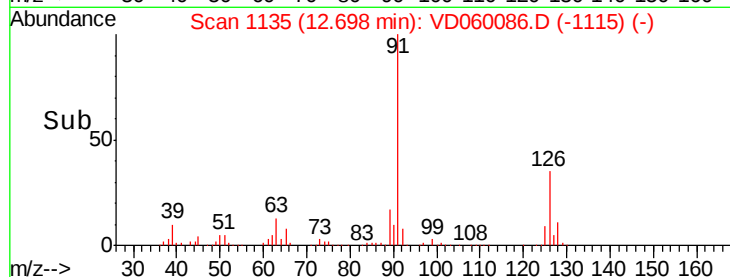
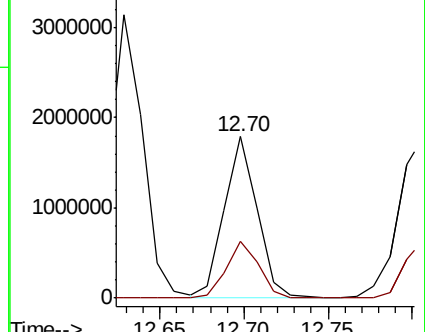
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 53.885 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VD060086.D

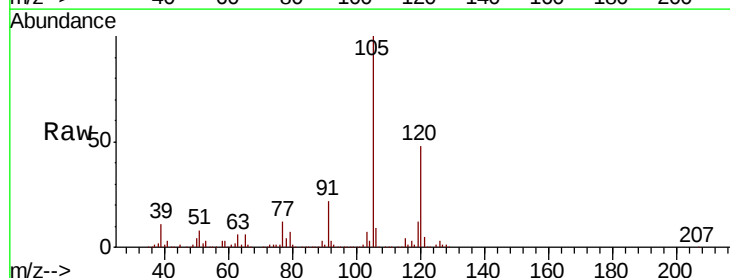
Acq: 25 Sep 2018 11:32

Tgt Ion:105 Resp: 2697613

Ion Ratio Lower Upper

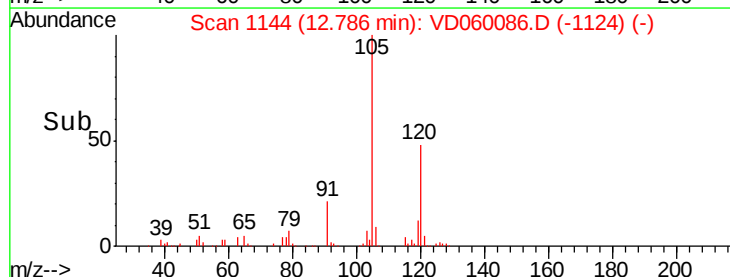
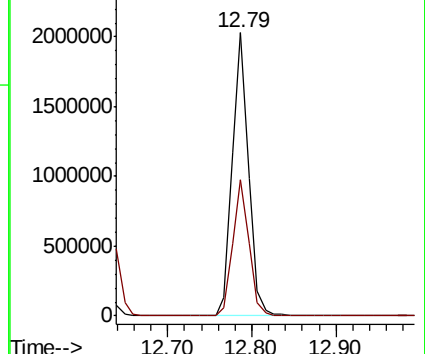
105 100

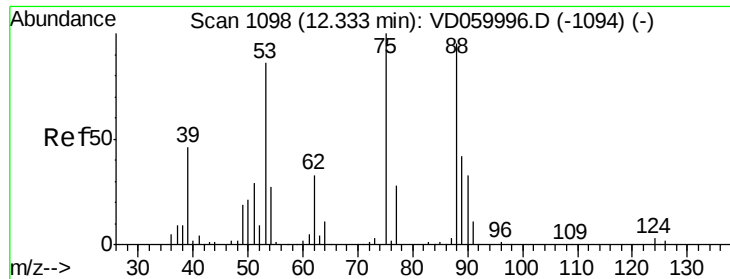
120 48.1 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





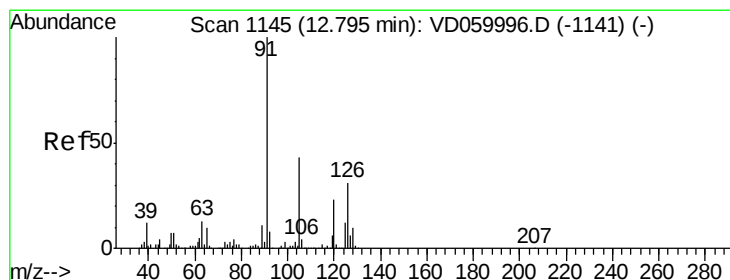
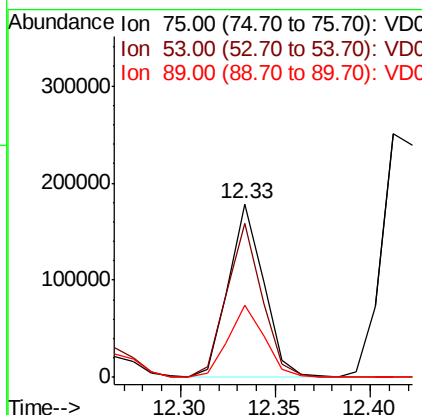
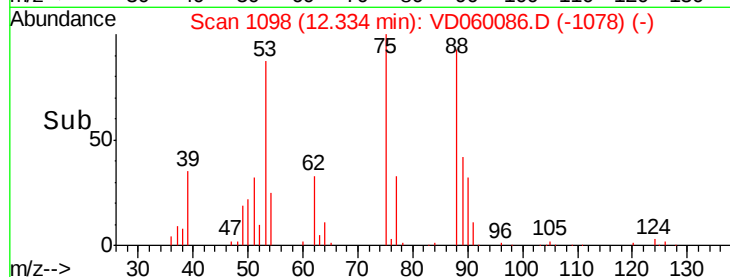
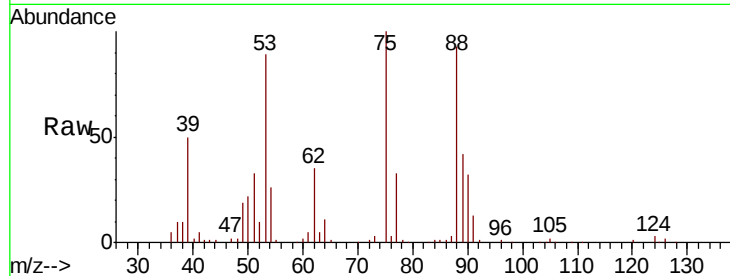
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.066 ug/l  
RT: 12.33 min Scan# 1098  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 89.0  | 68.4  | 102.6 |
| 89      | 41.5  | 33.8  | 50.6  |

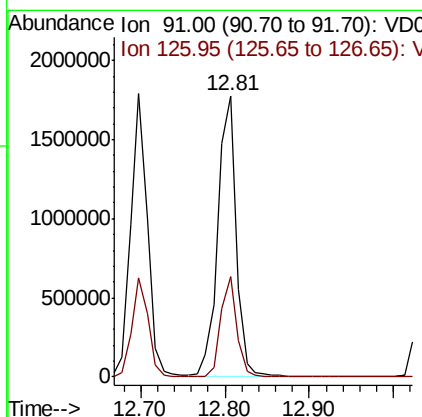
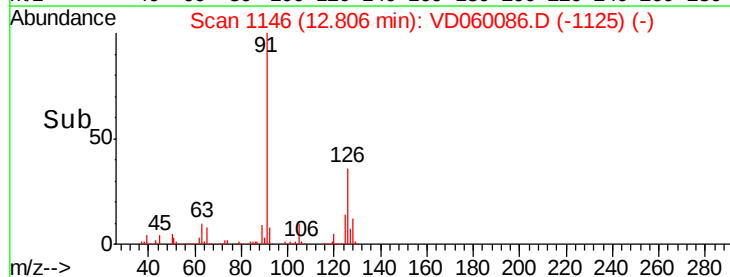
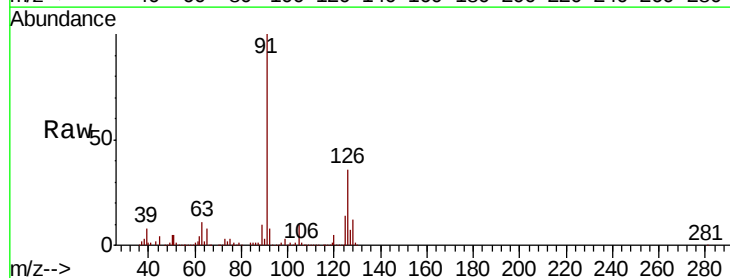
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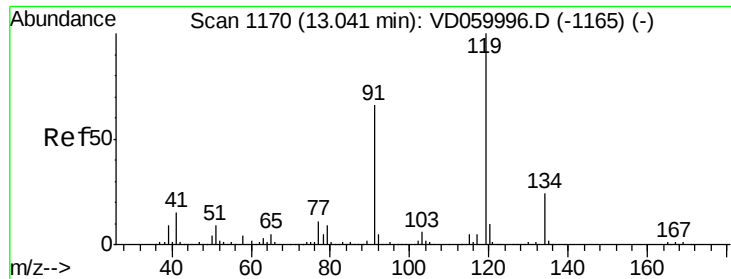
apatel  
9/26/2018 12:22:04 PM



#82  
4-Chlorotoluene  
Concen: 52.649 ug/l  
RT: 12.81 min Scan# 1146  
Delta R.T. 0.01 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.7  | 15.4  | 46.1  |





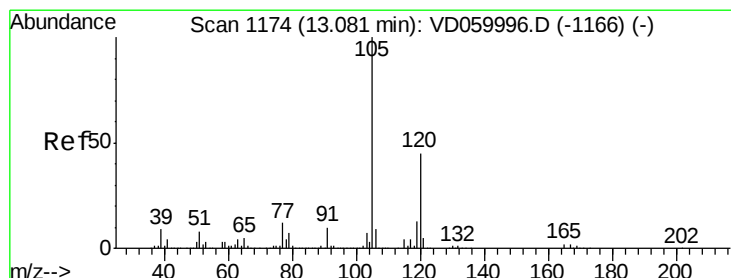
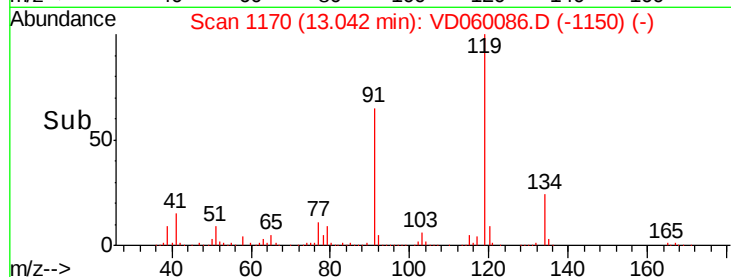
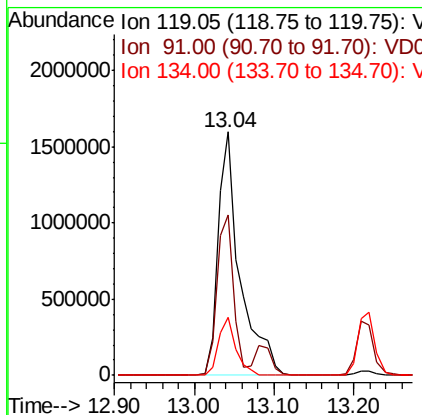
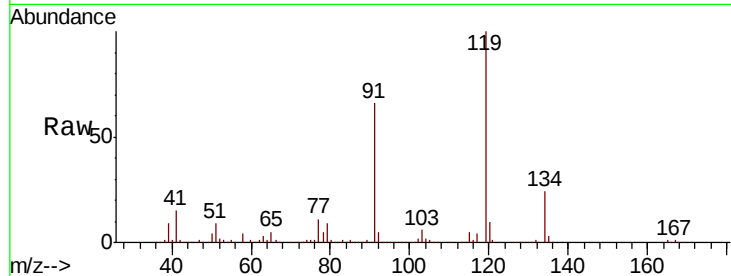
#83  
tert-Butylbenzene  
Concen: 53.108 ug/l  
RT: 13.04 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 66.0  | 32.9  | 98.6  |
| 134     | 23.7  | 12.0  | 36.0  |

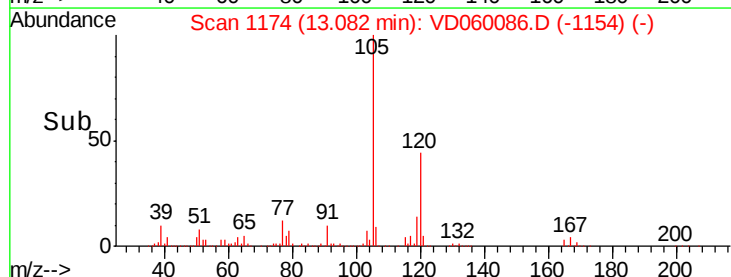
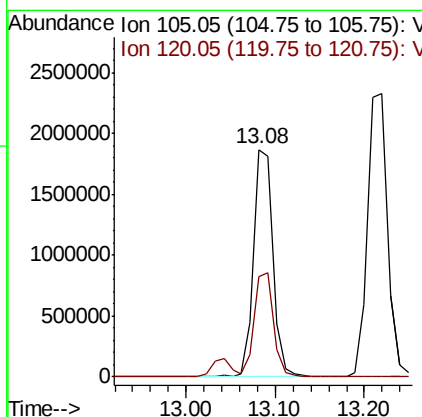
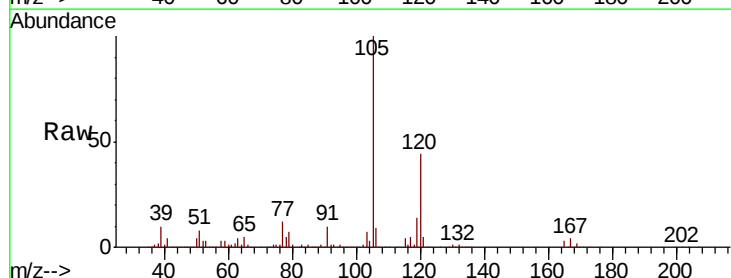
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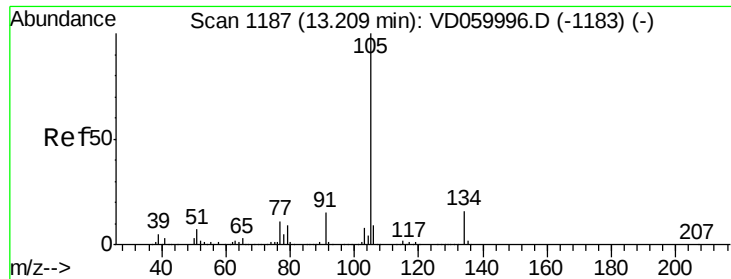
apatel  
9/26/2018 12:22:04 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 52.160 ug/l  
RT: 13.08 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.9  | 22.4  | 67.0  |





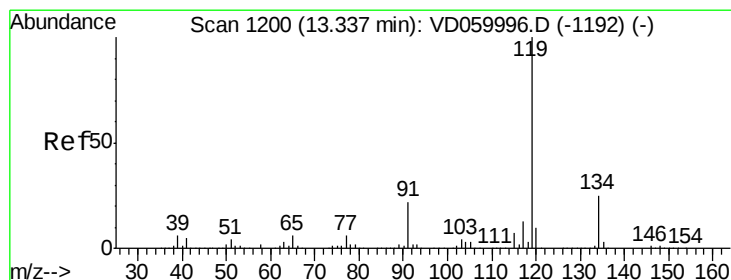
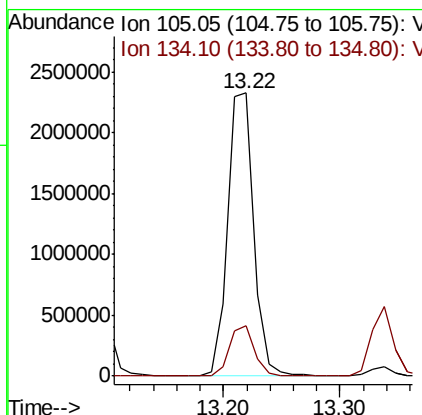
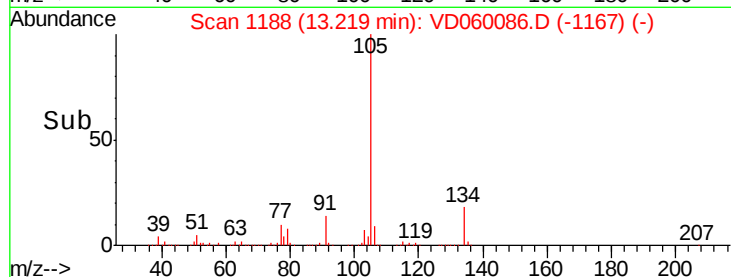
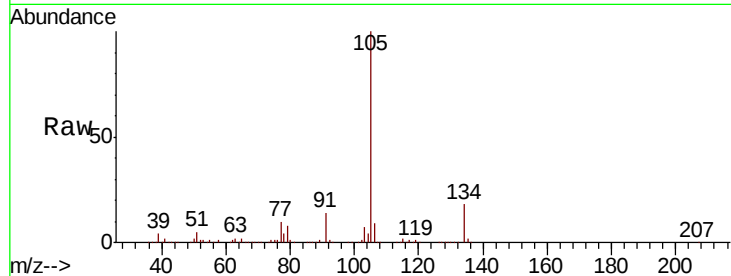
#85  
 sec-Butylbenzene  
 Concen: 51.872 ug/l  
 RT: 13.22 min Scan# 1188  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Tot Ion:105 Resp: 3571166  
 Ion Ratio Lower Upper  
 105 100  
 134 18.0 8.2 24.6

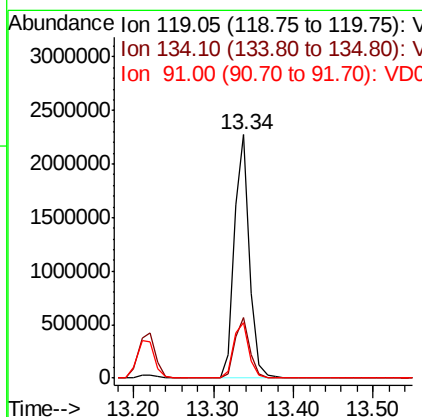
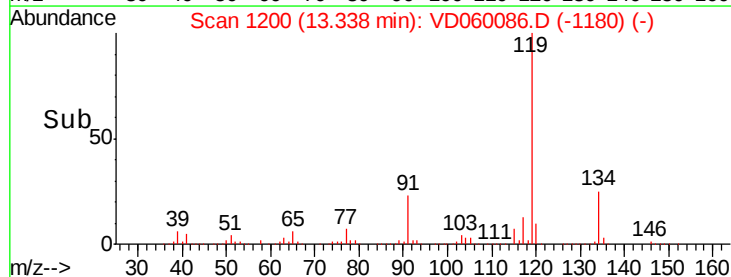
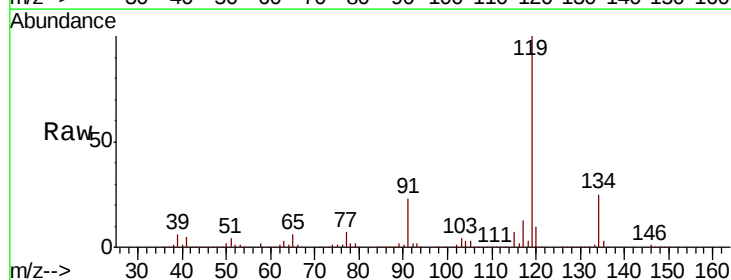
Manual Integrations  
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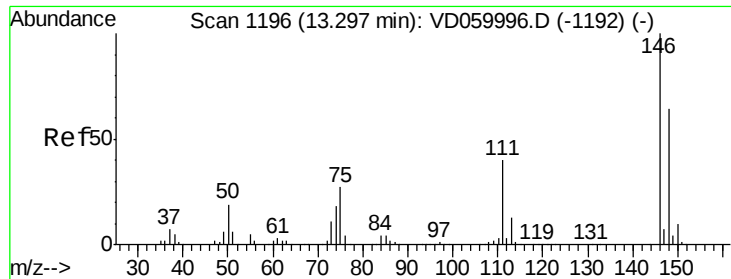
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 54.076 ug/l  
 RT: 13.34 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Tgt Ion:119 Resp: 3011092  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.8 38.3  
 91 22.6 11.1 33.3





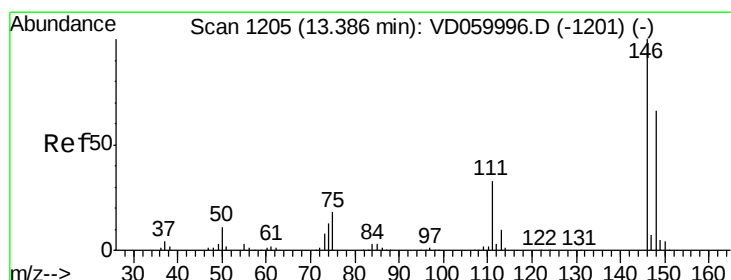
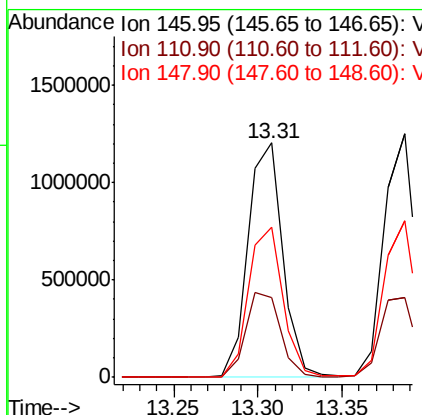
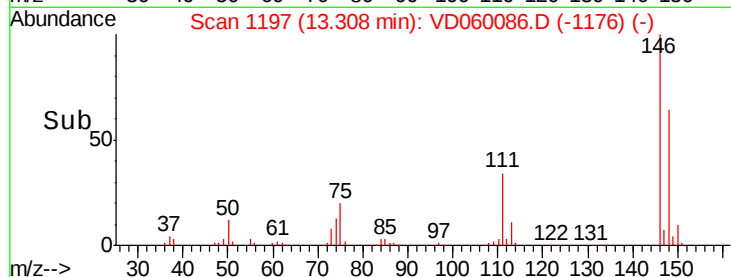
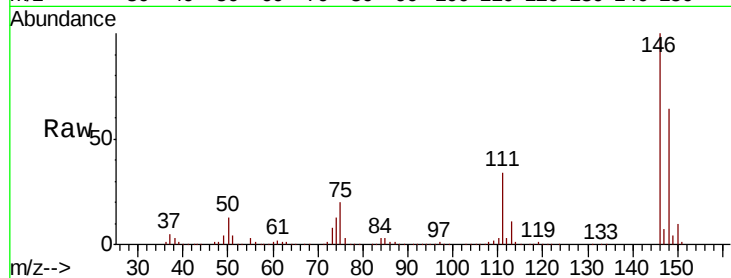
#87  
 1,3-Dichlorobenzene  
 Concen: 52.702 ug/l  
 RT: 13.31 min Scan# 1197  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.3  | 20.2  | 60.5  |
| 148     | 64.2  | 32.0  | 96.2  |

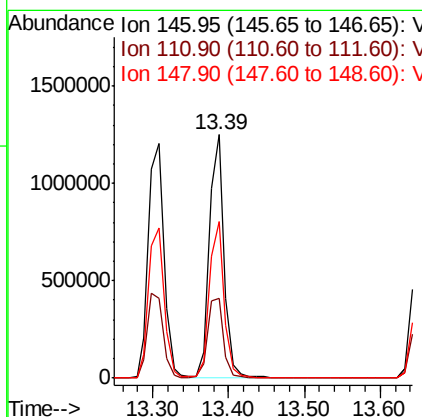
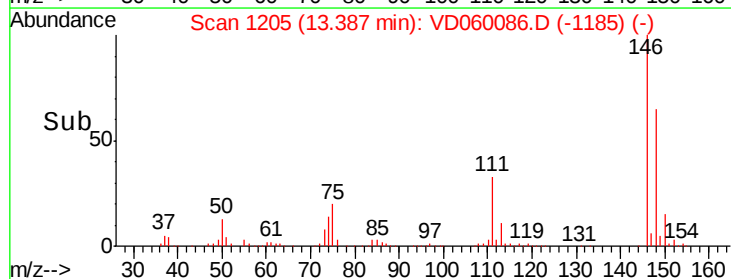
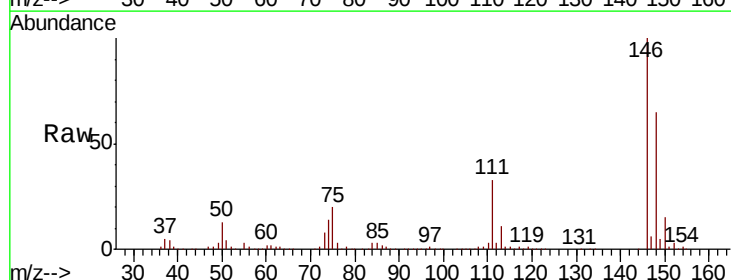
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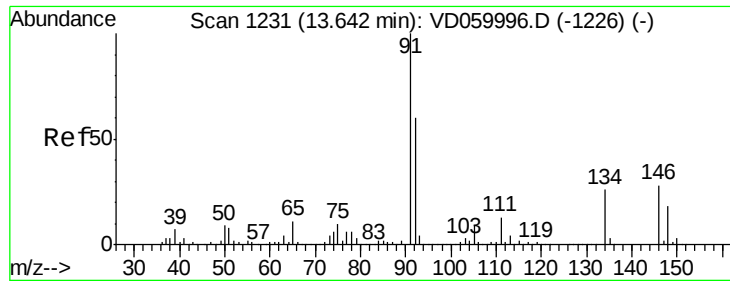
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#88  
 1,4-Dichlorobenzene  
 Concen: 51.555 ug/l  
 RT: 13.39 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 33.0  | 16.7  | 50.0  |
| 148     | 64.5  | 32.9  | 98.6  |





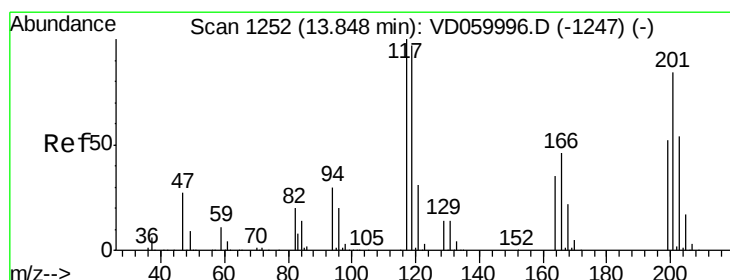
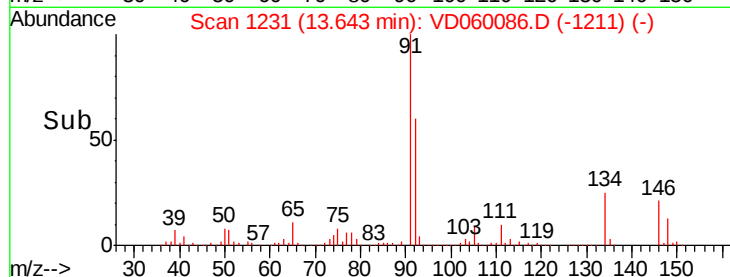
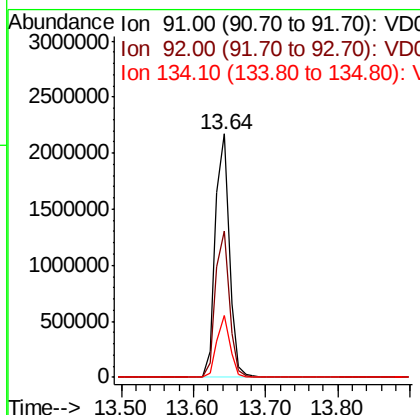
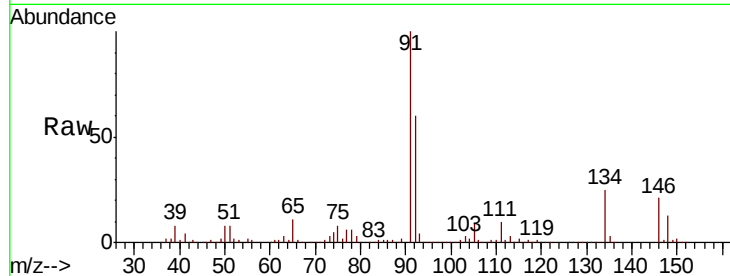
#89  
n-Butylbenzene  
Concen: 56.449 ug/l  
RT: 13.64 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 2876132  
Ion Ratio Lower Upper  
91 100  
92 60.0 29.8 89.3  
134 25.4 13.2 39.6

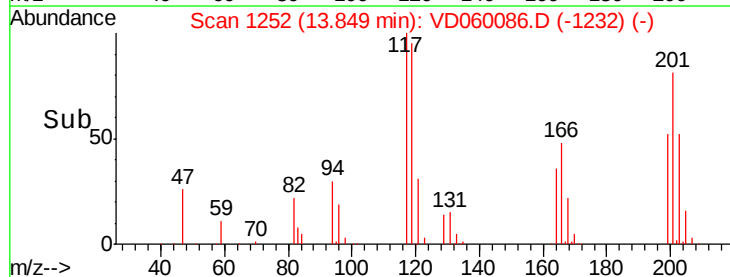
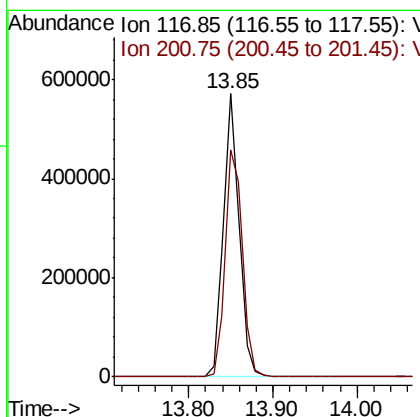
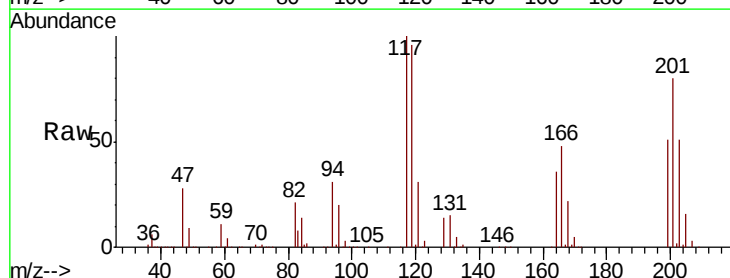
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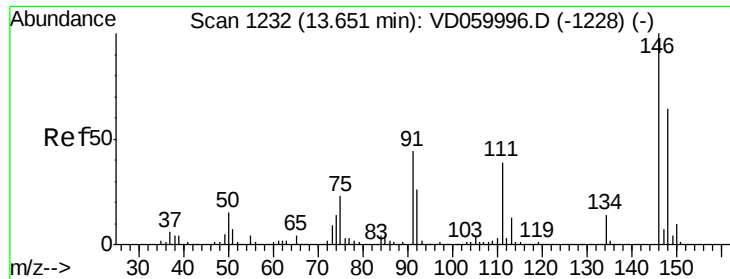
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#90  
Hexachloroethane  
Concen: 54.115 ug/l  
RT: 13.85 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Tgt Ion: 117 Resp: 746327  
Ion Ratio Lower Upper  
117 100  
201 80.4 42.1 126.4





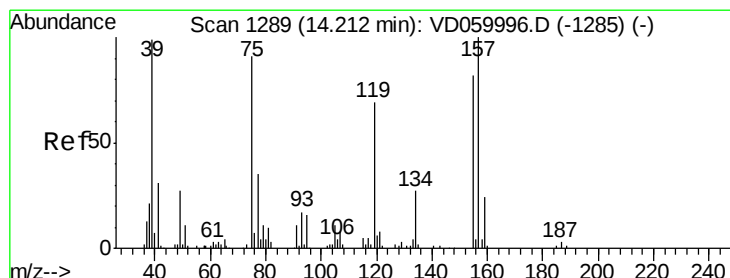
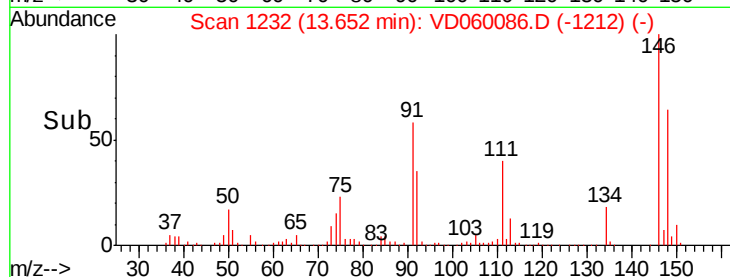
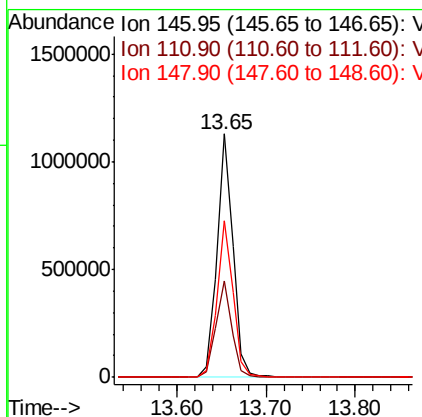
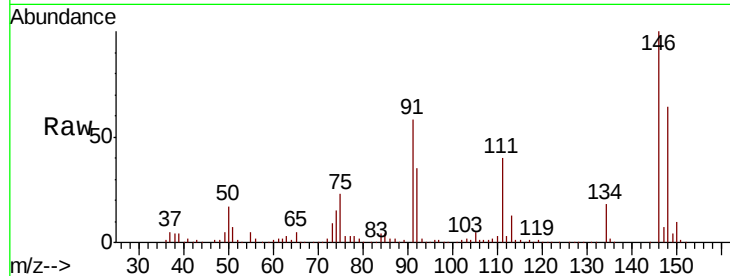
#91  
 1,2-Dichlorobenzene  
 Concen: 53.886 ug/l  
 RT: 13.65 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.6  | 58.7  |
| 148     | 64.3  | 31.9  | 95.7  |

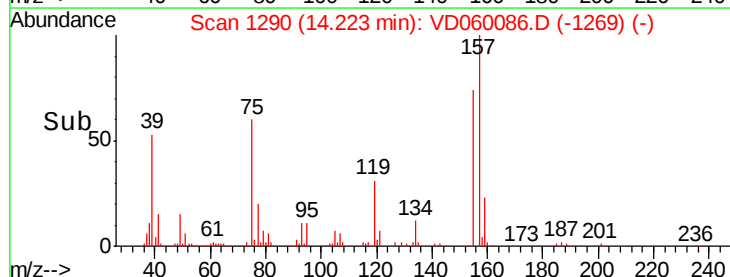
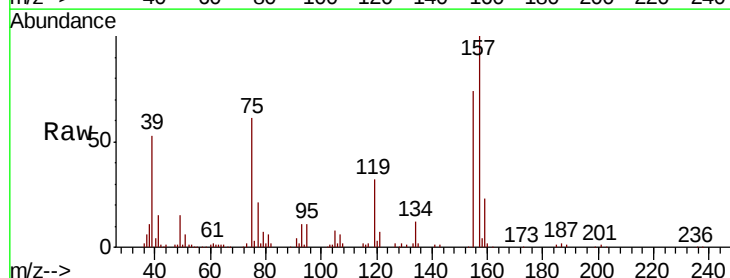
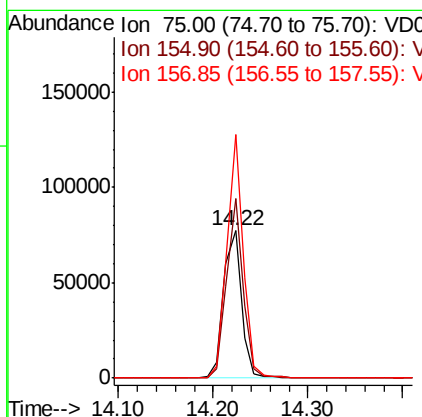
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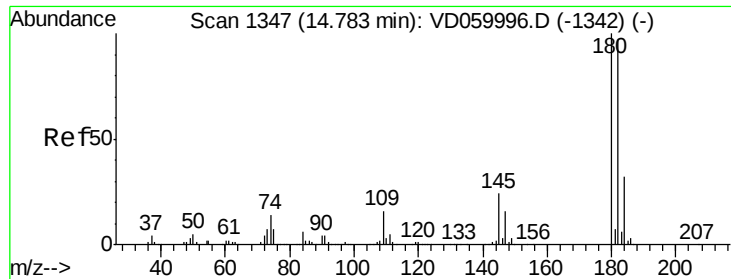
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.396 ug/l  
 RT: 14.22 min Scan# 1290  
 Delta R.T. 0.01 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 155     | 121.8 | 44.7  | 134.1  |
| 157     | 165.1 | 54.7  | 164.1# |





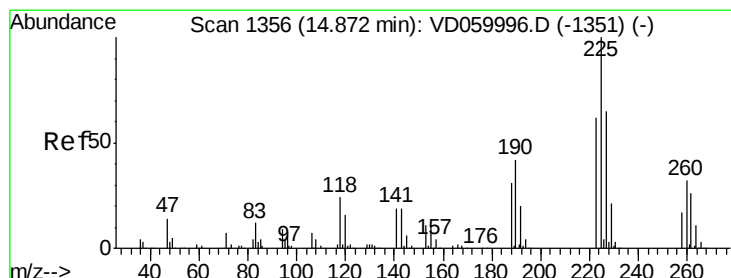
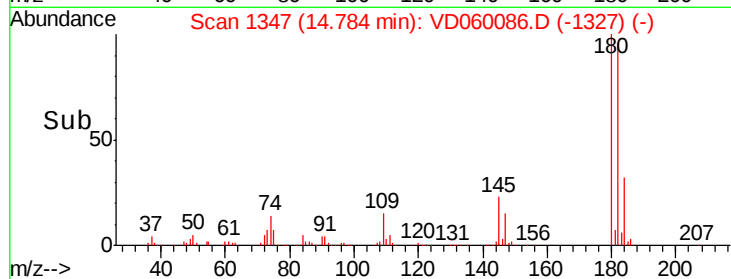
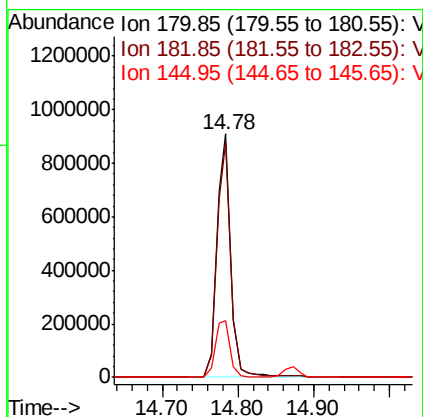
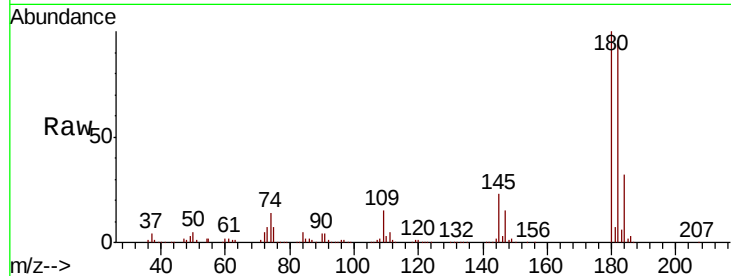
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.119 ug/l  
 RT: 14.78 min Scan# 1347  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 48.5  | 145.6 |
| 145     | 23.1  | 11.9  | 35.7  |

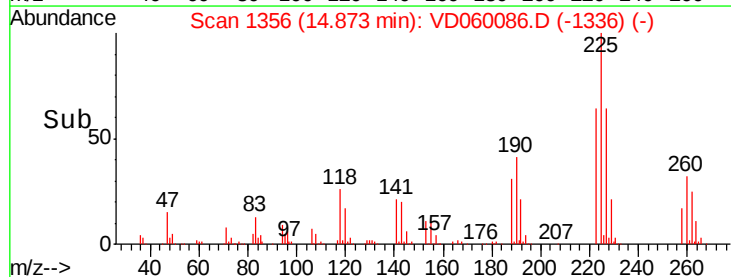
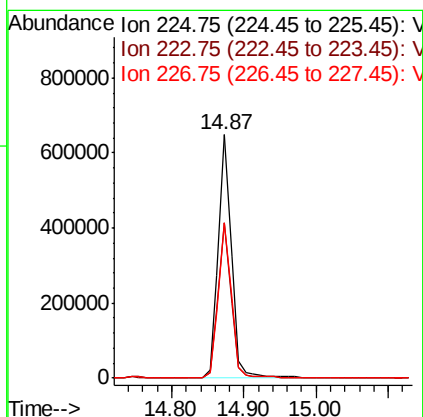
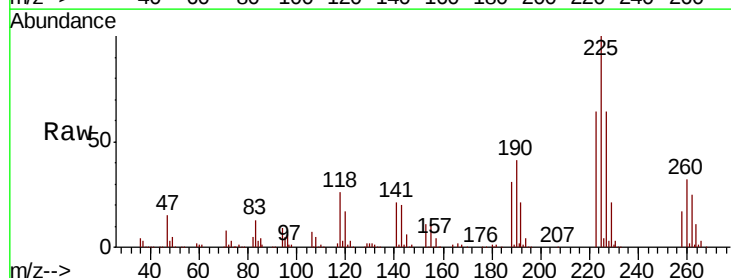
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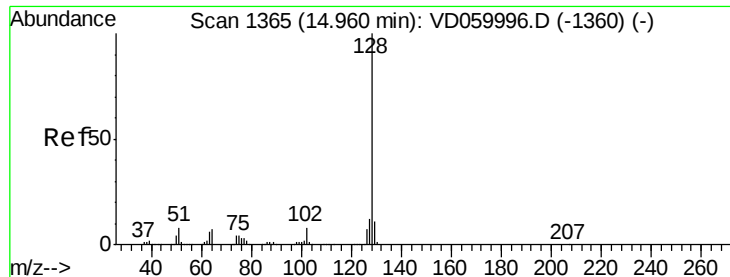
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#94  
 Hexachlorobutadiene  
 Concen: 52.845 ug/l  
 RT: 14.87 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VD060086.D  
 Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 31.2  | 93.6  |
| 227     | 64.0  | 32.3  | 96.8  |





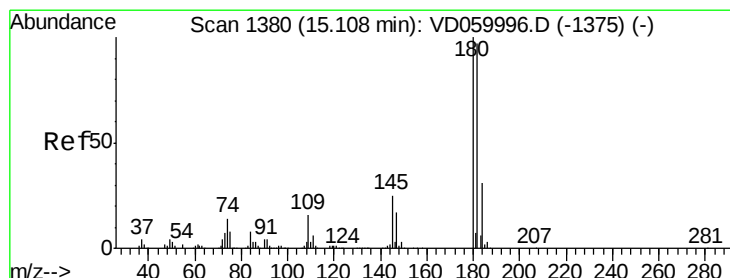
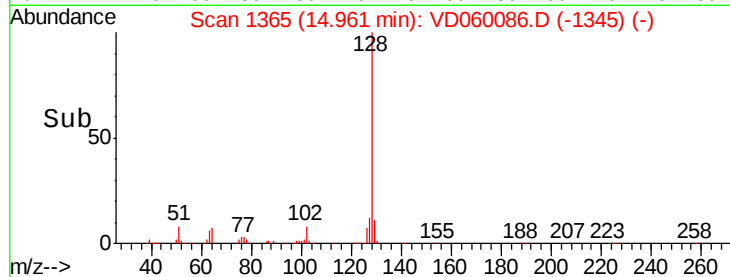
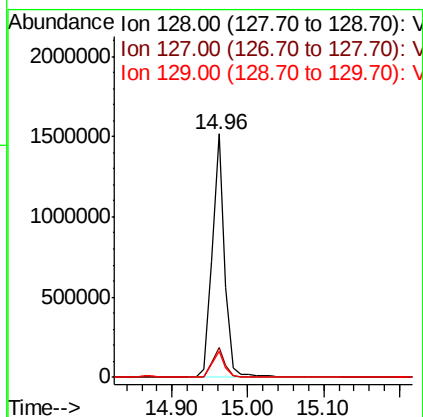
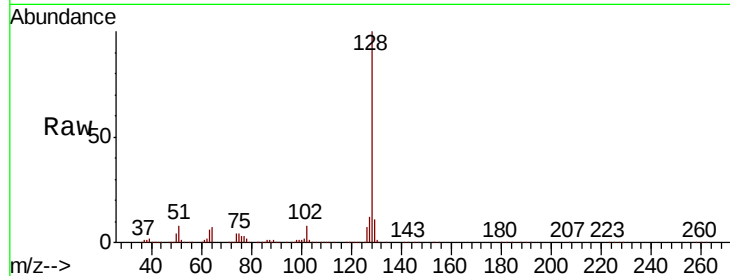
#95  
Naphthalene  
Concen: 49.502 ug/l  
RT: 14.96 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.3  | 9.7   | 14.5  |
| 129     | 10.9  | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.198 ug/l  
RT: 15.11 min Scan# 1380  
Delta R.T. 0.00 min  
Lab File: VD060086.D  
Acq: 25 Sep 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.3  | 48.6  | 145.9 |
| 145     | 25.9  | 12.7  | 38.1  |

