

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\  
 Data File : VD058155.D  
 Acq On : 15 Jun 2018 16:38  
 Operator : VA/AP  
 Sample : VD0615SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

Manual Integrations  
 APPROVED

apatel  
 6/18/2018 2:07:35 PM

Quant Time: Jun 15 23:44:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:57:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 867368   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.70  | 114  | 1136853  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 894595   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 469599   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.02   | 65  | 399548   | 46.08 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.16% |      |
| 35) Dibromofluoromethane  | 5.55   | 113 | 433581   | 49.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58% |      |
| 50) Toluene-d8            | 8.71   | 98  | 981554   | 46.94 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.88% |      |
| 62) 4-Bromofluorobenzene  | 11.93  | 95  | 425543   | 46.65 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.30% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.34 | 85  | 255614  | 21.958  | ug/l   | 96     |
| 3) Chloromethane              | 1.49 | 50  | 125989  | 21.975  | ug/l   | 95     |
| 4) Vinyl Chloride             | 1.56 | 62  | 122575  | 22.087  | ug/l   | 97     |
| 5) Bromomethane               | 1.79 | 94  | 36423   | 16.746  | ug/l   | 100    |
| 6) Chloroethane               | 1.88 | 64  | 41189   | 18.812  | ug/l # | 87     |
| 7) Trichlorofluoromethane     | 2.08 | 101 | 153723  | 20.264  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.35 | 74  | 34623   | 24.568  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.55 | 101 | 96468   | 21.319  | ug/l   | 96     |
| 10) Methyl Iodide             | 2.69 | 142 | 111486  | 19.095  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 3.26 | 59  | 28540m  | 122.859 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 2.54 | 96  | 79147   | 22.752  | ug/l   | 99     |
| 13) Acrolein                  | 2.47 | 56  | 26547   | 79.797  | ug/l   | 95     |
| 14) Allyl chloride            | 2.93 | 41  | 174332  | 21.724  | ug/l   | 97     |
| 15) Acrylonitrile             | 3.36 | 53  | 104443  | 76.854  | ug/l   | 96     |
| 16) Acetone                   | 2.62 | 43  | 141125  | 112.960 | ug/l   | 95     |
| 17) Carbon Disulfide          | 2.76 | 76  | 262222  | 20.808  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.94 | 43  | 51634   | 21.365  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73  | 311347  | 20.340  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.06 | 84  | 93497   | 26.607  | ug/l # | 93     |
| 21) trans-1,2-Dichloroethene  | 3.40 | 96  | 122867  | 15.857  | ug/l   | 93     |
| 22) Diisopropyl ether         | 4.08 | 45  | 678634  | 21.346  | ug/l   | 98     |
| 23) Vinyl Acetate             | 4.02 | 43  | 1787257 | 108.806 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.97 | 63  | 390673  | 22.359  | ug/l   | 99     |
| 25) 2-Butanone                | 4.85 | 43  | 293527  | 103.381 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 4.80 | 77  | 314541  | 21.854  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 4.81 | 96  | 202838  | 22.073  | ug/l   | 96     |
| 28) Bromochloromethane        | 5.15 | 49  | 159139  | 21.044  | ug/l   | 89     |
| 29) Tetrahydrofuran           | 5.19 | 42  | 152738  | 102.622 | ug/l   | 98     |
| 30) Chloroform                | 5.33 | 83  | 385111  | 21.901  | ug/l   | 100    |
| 31) Cyclohexane               | 5.59 | 56  | 310758  | 20.610  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97  | 323074  | 21.943  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 5.75 | 75  | 281831  | 22.501  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.93 | 43  | 140358  | 20.537  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 5.72 | 117 | 281040  | 22.767  | ug/l   | 98     |

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 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0615SBS01

Manual Integrations  
 APPROVED

apatel  
 6/18/2018 2:07:35 PM

Quant Time: Jun 15 23:44:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:57:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.29  | 83   | 281773   | 22.694  | ug/l   | 92       |
| 40) Benzene                    | 6.02  | 78   | 648862   | 22.176  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.13  | 41   | 73569    | 23.543  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.14  | 62   | 255309   | 21.581  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 7.62  | 43   | 185999   | 20.778  | ug/l # | 92       |
| 44) Trichloroethene            | 6.98  | 130  | 194078   | 22.708  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.35  | 63   | 172752   | 21.243  | ug/l   | 93       |
| 46) Dibromomethane             | 7.46  | 93   | 118712   | 22.724  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.75  | 83   | 266129   | 21.757  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.51  | 41   | 109578   | 19.888  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.49  | 88   | 20230    | 443.209 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 8.60  | 43   | 637647   | 111.053 | ug/l   | 99       |
| 52) Toluene                    | 8.80  | 92   | 371481   | 22.122  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene      | 9.20  | 75   | 223054   | 21.166  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.36  | 75   | 274960   | 22.147  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.45  | 97   | 125070   | 23.013  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 142508   | 21.377  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 216558   | 22.719  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 389852   | 115.748 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.79  | 43   | 477522   | 113.484 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.96  | 129  | 170800   | 22.287  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 10.09 | 107  | 136938   | 21.910  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.51  | 164  | 187563   | 23.452  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.72 | 112  | 425420   | 23.490  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 159800   | 22.966  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.86 | 91   | 768220   | 23.479  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.02 | 106  | 519170   | 48.674  | ug/l   | 95       |
| 69) o-Xylene                   | 11.41 | 106  | 237087   | 22.393  | ug/l   | 99       |
| 70) Styrene                    | 11.43 | 104  | 404932   | 23.103  | ug/l   | 98       |
| 71) Bromoform                  | 11.60 | 173  | 116993   | 22.351  | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.78 | 105  | 699458   | 22.488  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.65 | 43   | 255462   | 21.285  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 146592   | 21.617  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 155081   | 21.985  | ug/l   | 97       |
| 77) Bromobenzene               | 12.04 | 156  | 200745   | 21.804  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.16 | 91   | 917405   | 22.666  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.22 | 91   | 529059   | 22.913  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 531022   | 21.892  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 39458    | 22.584  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 569804   | 23.701  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 624624   | 22.805  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 12.63 | 105  | 587091   | 22.510  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 734874   | 22.232  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.89 | 119  | 596970   | 22.407  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.85 | 146  | 348666   | 22.387  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 332090   | 21.885  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.19 | 91   | 647287   | 24.752  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.40 | 117  | 151784   | 22.321  | ug/l   | 71       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 297617   | 23.647  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 23338    | 22.299  | ug/l   | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061518\  
Data File : VD058155.D  
Acq On : 15 Jun 2018 16:38  
Operator : VA/AP  
Sample : VD0615SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Manual Integrations  
APPROVED

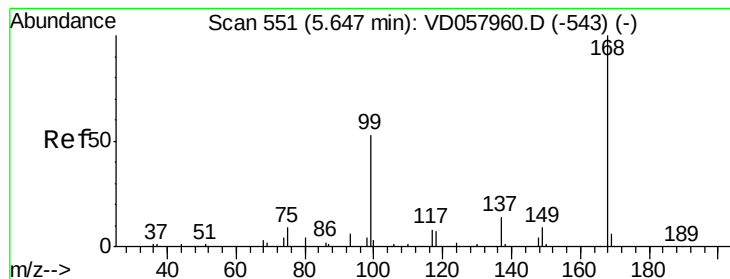
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6/18/2018 2:07:35 PM

Quant Time: Jun 15 23:44:25 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 07 08:57:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.35 | 180  | 278090   | 23.650 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 211417   | 22.858 | ug/l  | 98       |
| 95) Naphthalene            | 14.52 | 128  | 346071   | 22.827 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 237254   | 23.676 | ug/l  | 98       |

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





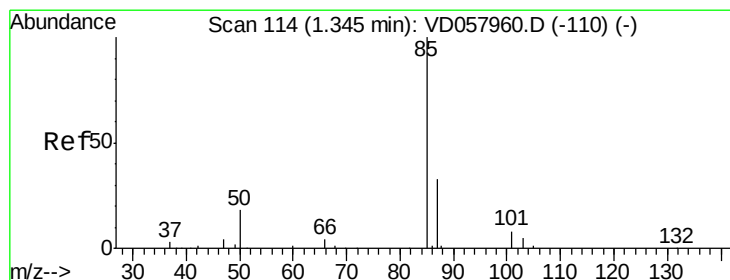
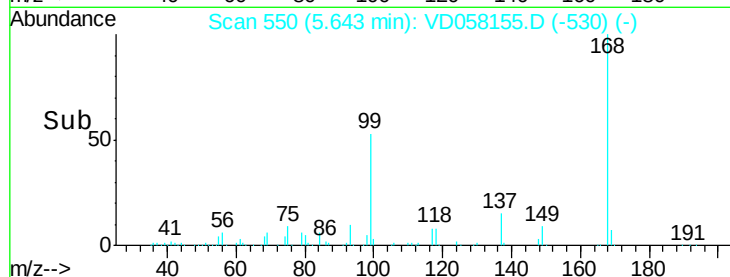
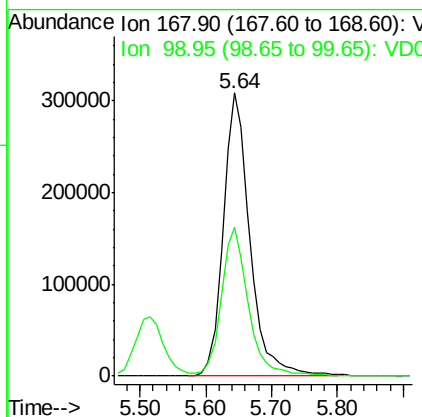
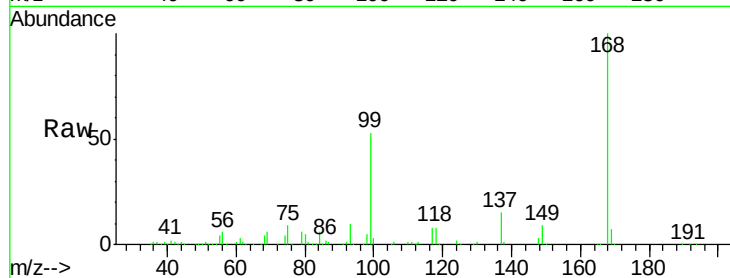
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.64 min Scan# 550  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 52.8  | 46.8  | 70.2  |

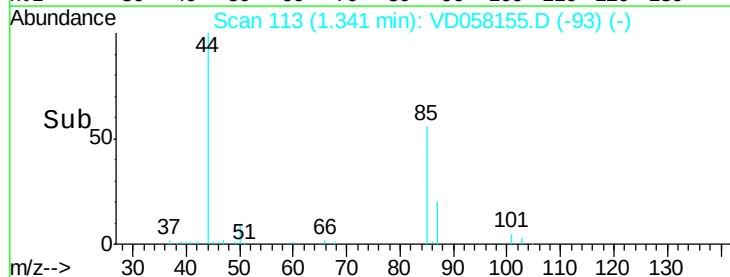
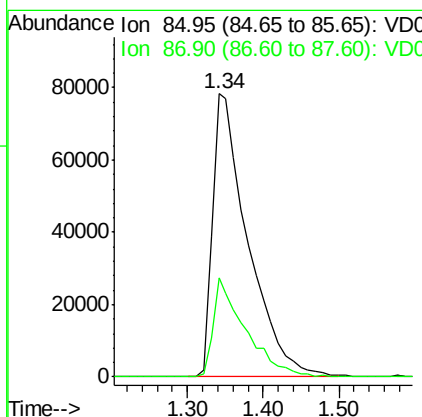
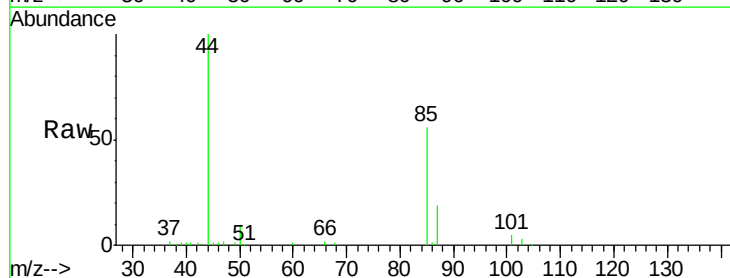
Manual Integrations  
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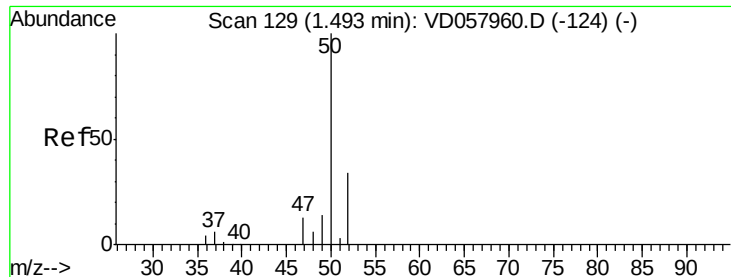
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6/18/2018 2:07:35 PM



#2  
Dichlorodifluoromethane  
Concen: 21.958 ug/l  
RT: 1.34 min Scan# 113  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 35.0  | 16.4  | 49.2  |





#3

Chloromethane

Concen: 21.975 ug/l

RT: 1.49 min Scan# 128

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 50 Resp: 125989

Ion Ratio Lower Upper

50 100

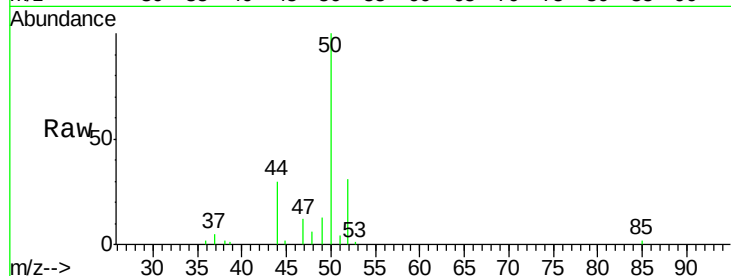
52 31.1 27.2 40.8

Manual Integrations

APPROVED

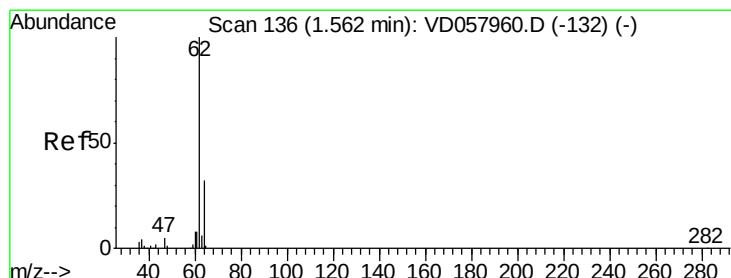
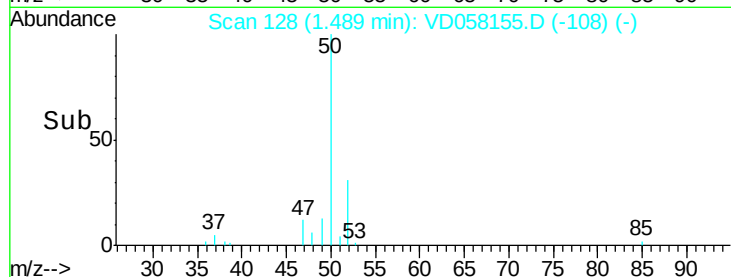
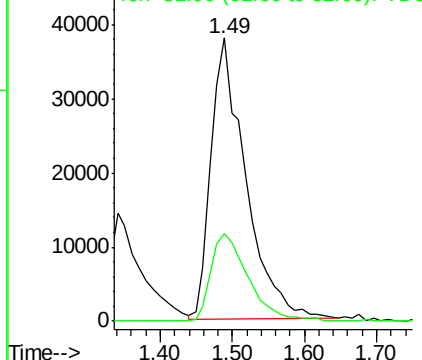
apatel

6/18/2018 2:07:35 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.087 ug/l

RT: 1.56 min Scan# 135

Delta R.T. -0.00 min

Lab File: VD058155.D

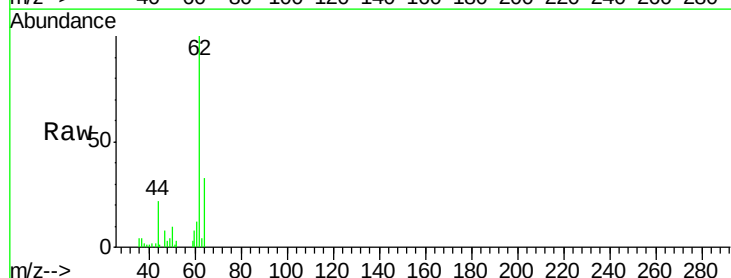
Acq: 15 Jun 2018 16:38

Tgt Ion: 62 Resp: 122575

Ion Ratio Lower Upper

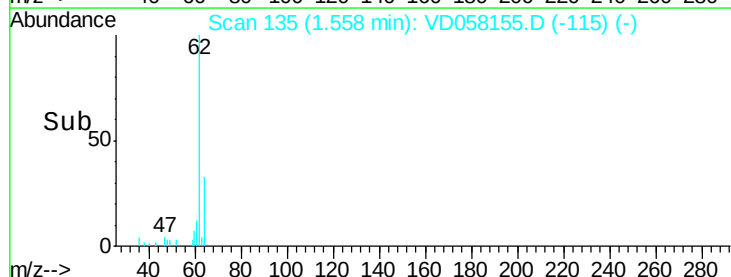
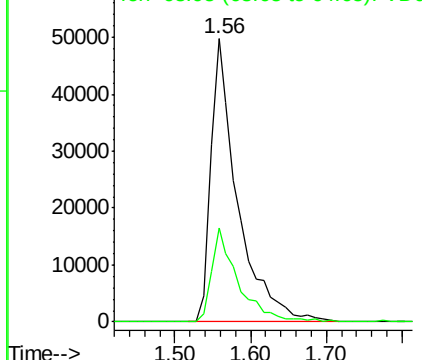
62 100

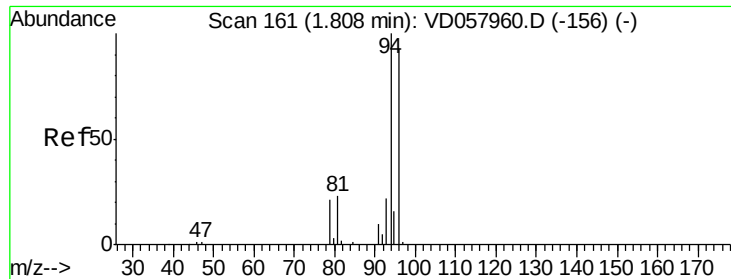
64 33.3 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.746 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 94 Resp: 36423

Ion Ratio Lower Upper

94 100

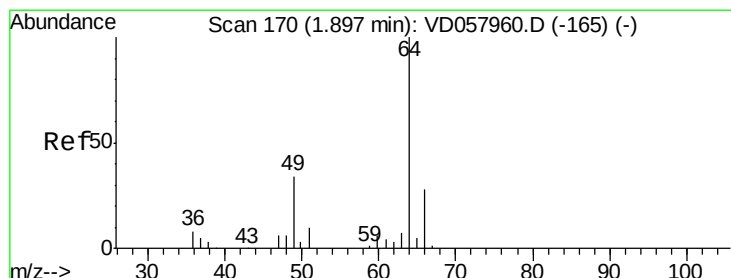
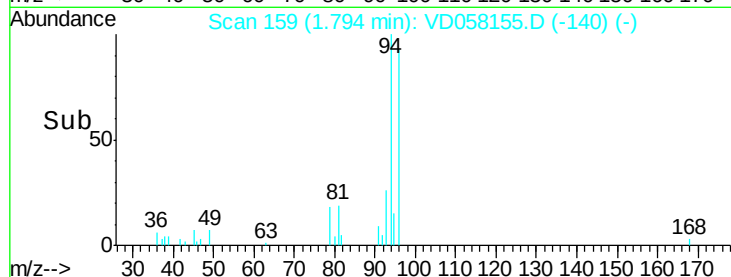
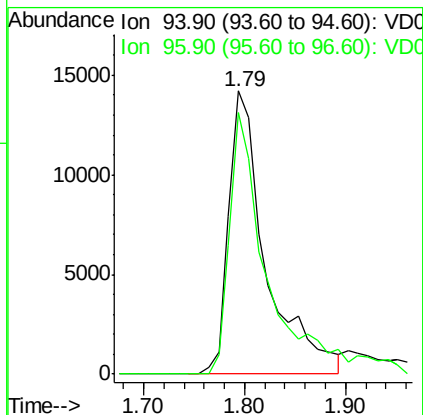
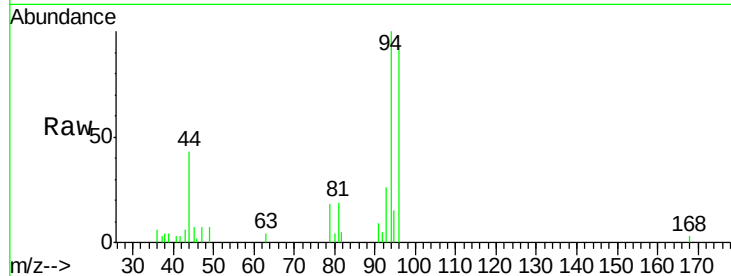
96 92.6 74.3 111.5

Manual Integrations

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6/18/2018 2:07:35 PM



#6

Chloroethane

Concen: 18.812 ug/l

RT: 1.88 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD058155.D

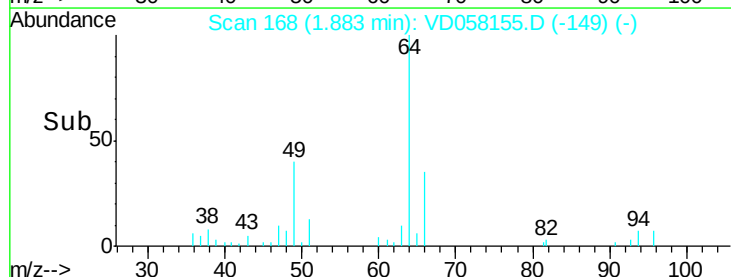
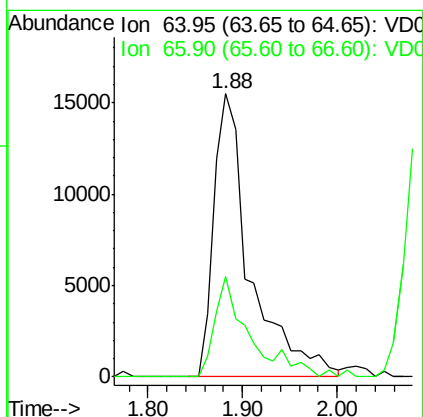
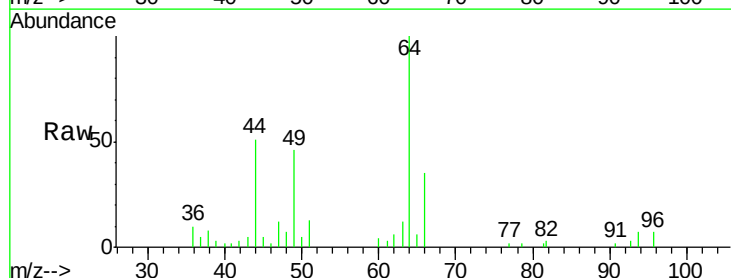
Acq: 15 Jun 2018 16:38

Tgt Ion: 64 Resp: 41189

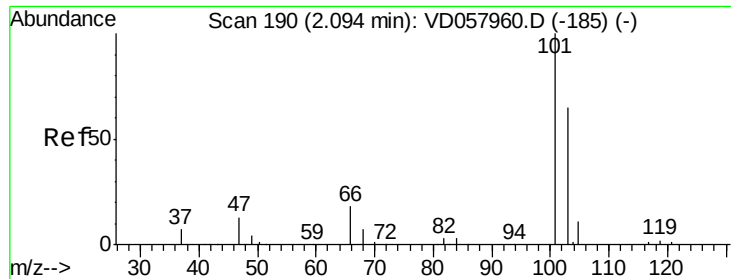
Ion Ratio Lower Upper

64 100

66 35.5 22.8 34.2#







#7

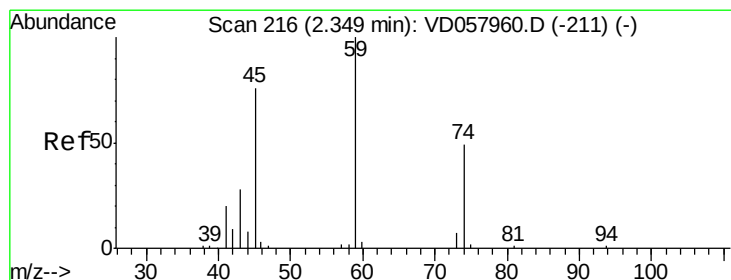
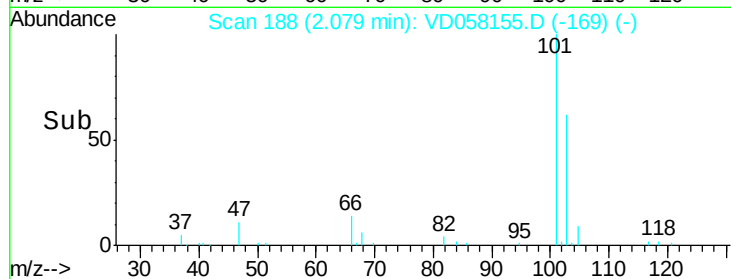
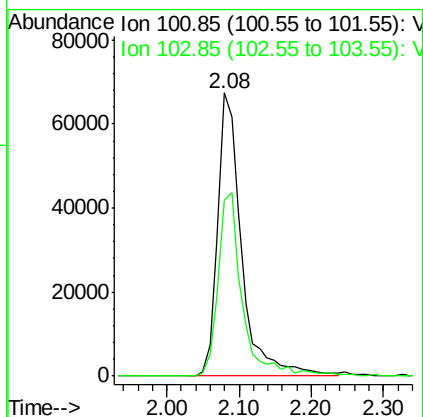
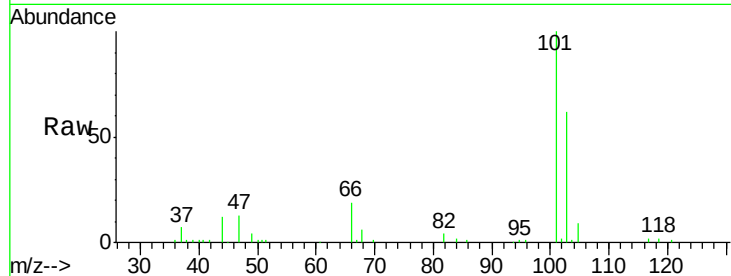
Trichlorofluoromethane  
Concen: 20.264 ug/l  
RT: 2.08 min Scan# 188  
Delta R.T. -0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion:101 Resp: 153723  
Ion Ratio Lower Upper  
101 100  
103 62.0 52.4 78.6

Manual Integrations  
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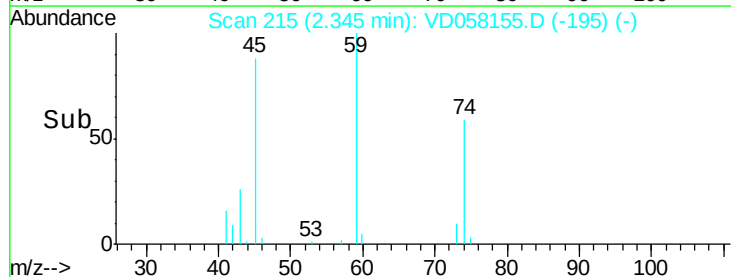
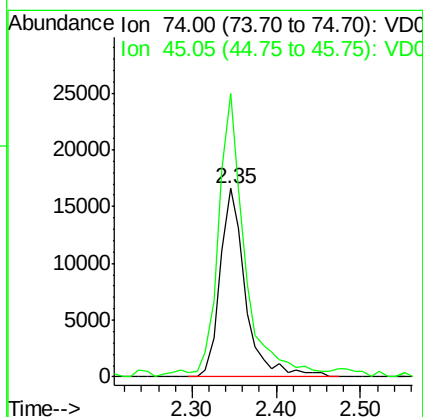
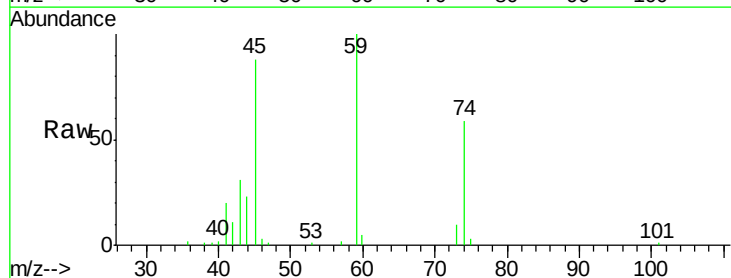
apatel  
6/18/2018 2:07:35 PM



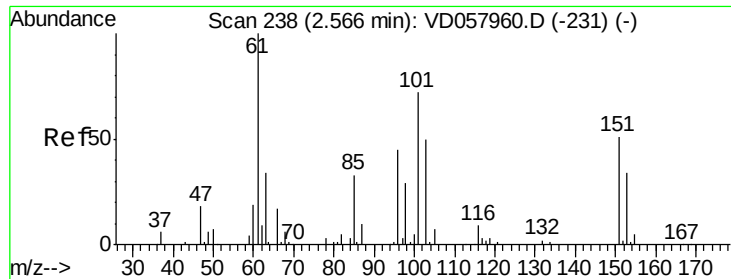
#8

Diethyl Ether  
Concen: 24.568 ug/l  
RT: 2.35 min Scan# 215  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion: 74 Resp: 34623  
Ion Ratio Lower Upper  
74 100  
45 150.3 77.1 231.3







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.319 ug/l

RT: 2.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

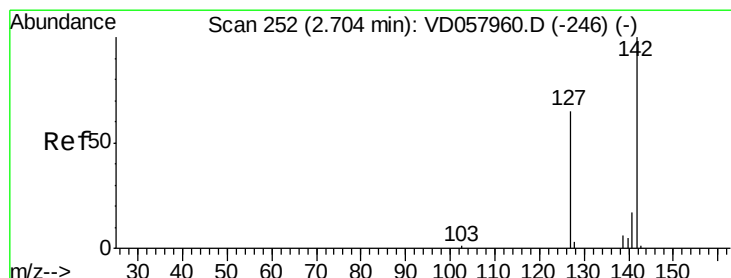
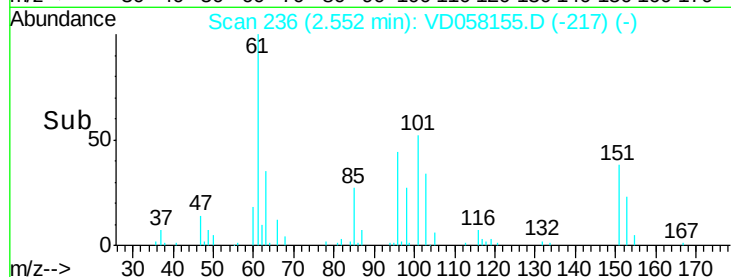
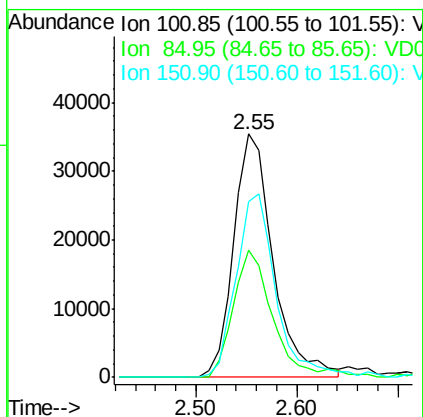
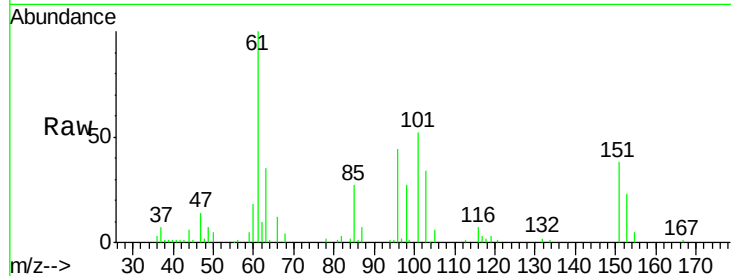
ClientSampleId :

VD0615SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 96468 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 52.4  | 37.3  | 55.9  |
| 151       | 72.4  | 57.0  | 85.6  |

Manual Integrations  
APPROVED

apatel  
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#10

Methyl Iodide

Concen: 19.095 ug/l

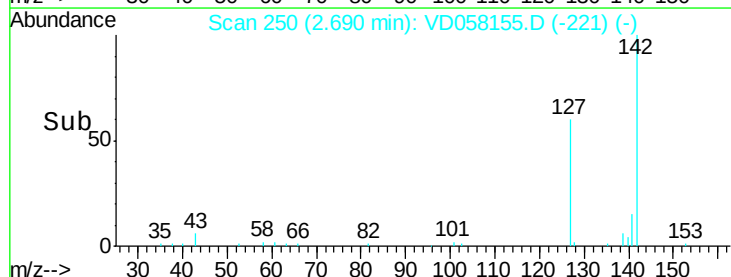
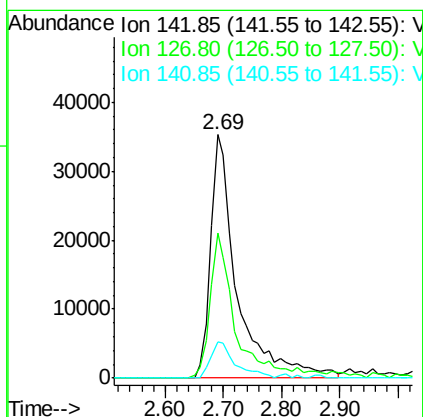
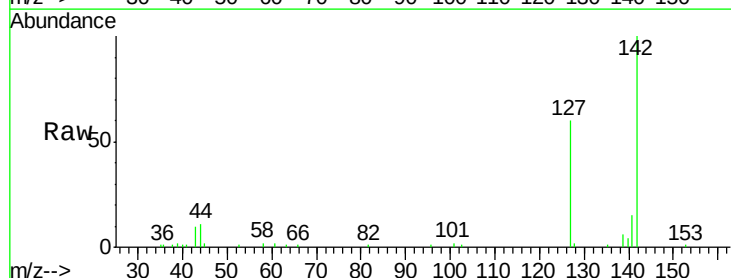
RT: 2.69 min Scan# 250

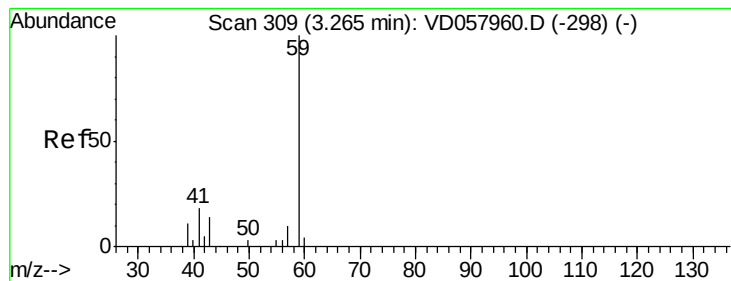
Delta R.T. -0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 111486 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 59.5  | 52.0  | 78.0   |
| 141       | 15.0  | 13.2  | 19.8   |





#11

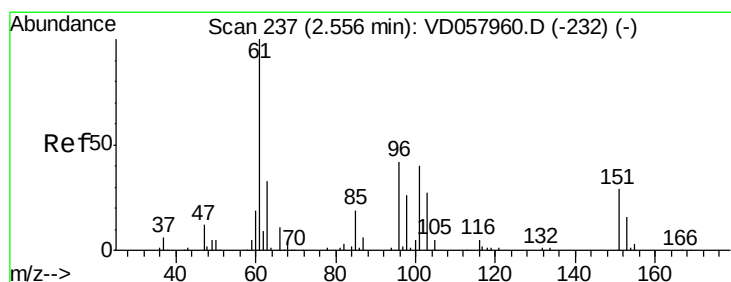
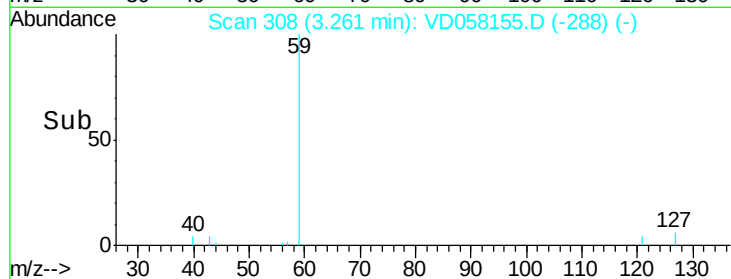
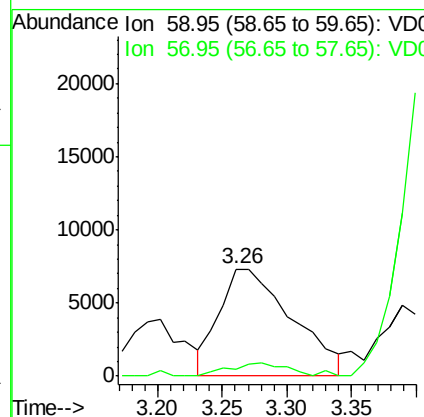
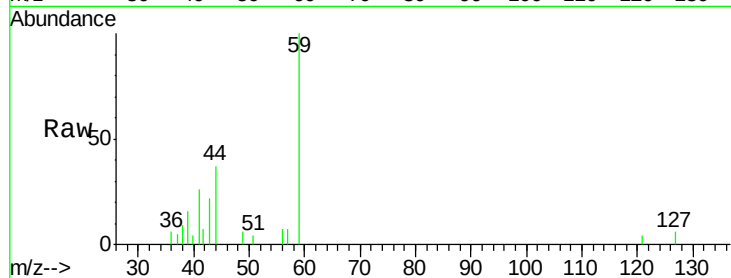
Tert butyl alcohol  
 Concen: 122.859 ug/l m  
 RT: 3.26 min Scan# 308  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

Tot Ion: 59 Resp: 28540  
 Ion Ratio Lower Upper  
 59 100  
 57 6.7 7.8 11.6#

Manual Integrations  
 APPROVED

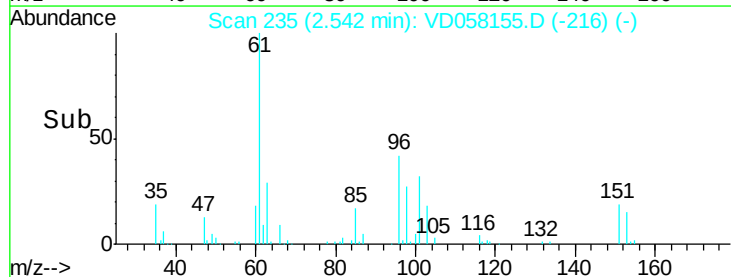
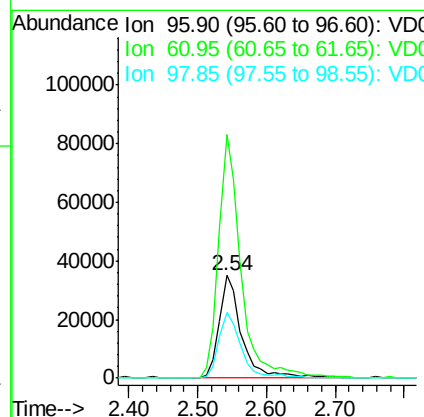
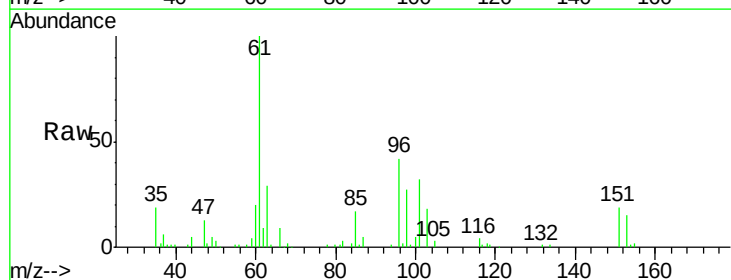
apatel  
 6/18/2018 2:07:35 PM

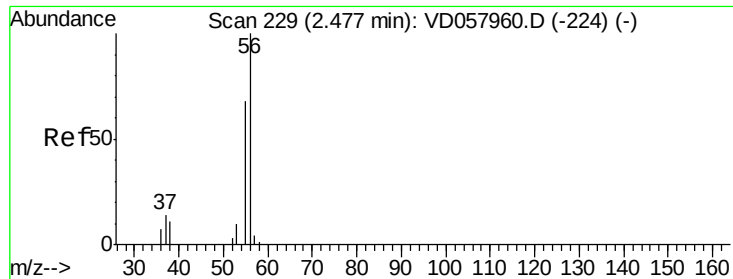


#12

1,1-Dichloroethene  
 Concen: 22.752 ug/l  
 RT: 2.54 min Scan# 235  
 Delta R.T. -0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Tgt Ion: 96 Resp: 79147  
 Ion Ratio Lower Upper  
 96 100  
 61 237.8 190.2 285.4  
 98 64.1 49.6 74.4





#13

Acrolein

Concen: 79.797 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 56 Resp: 26547

Ion Ratio Lower Upper

56 100

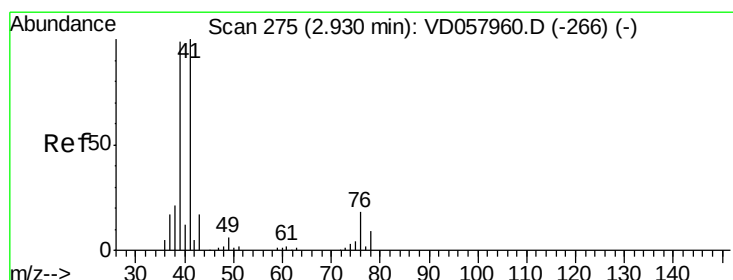
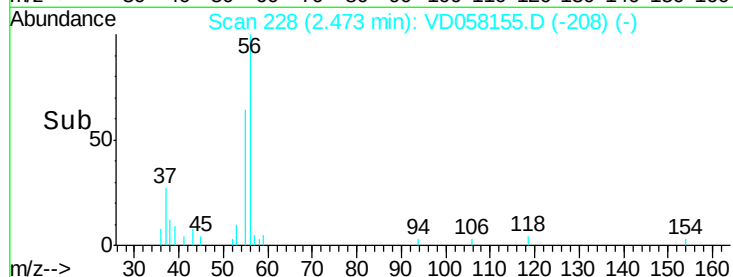
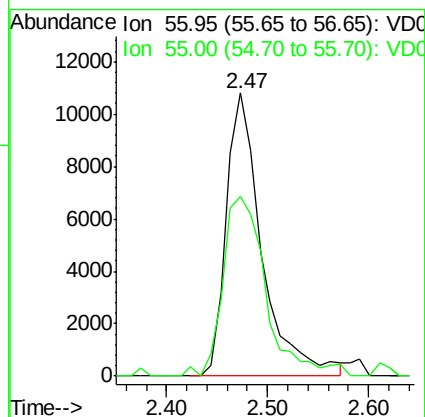
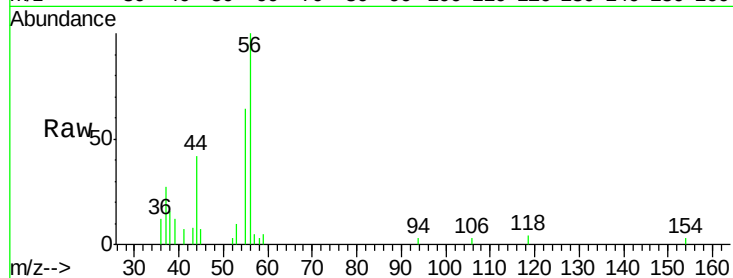
55 63.6 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.724 ug/l

RT: 2.93 min Scan# 274

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

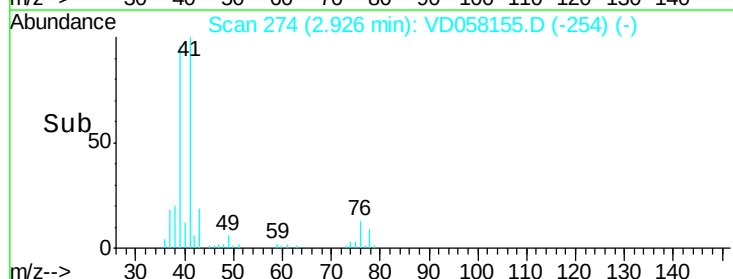
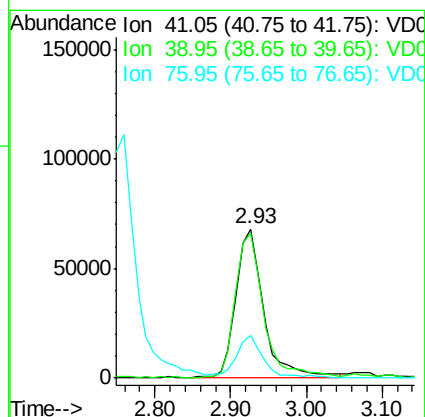
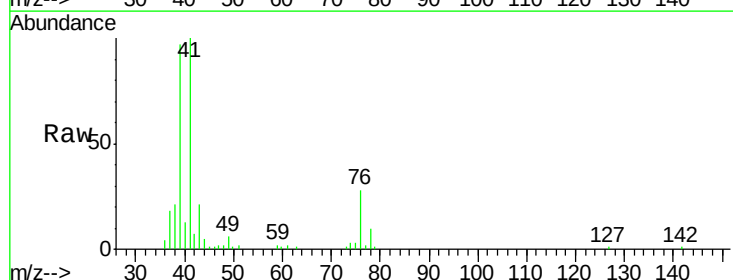
Tgt Ion: 41 Resp: 174332

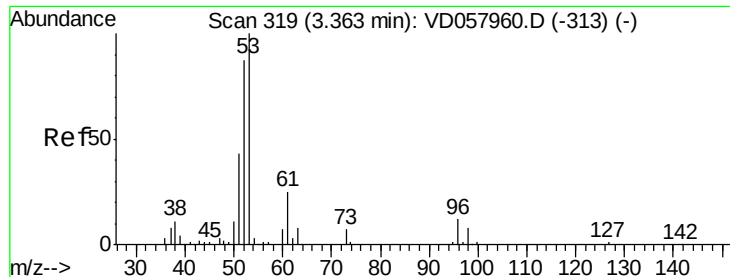
Ion Ratio Lower Upper

41 100

39 97.0 79.5 119.3

76 28.2 20.7 31.1





#15

Acrylonitrile

Concen: 76.854 ug/l

RT: 3.36 min Scan# 318

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

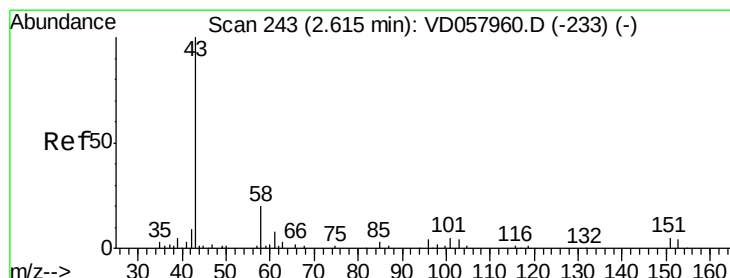
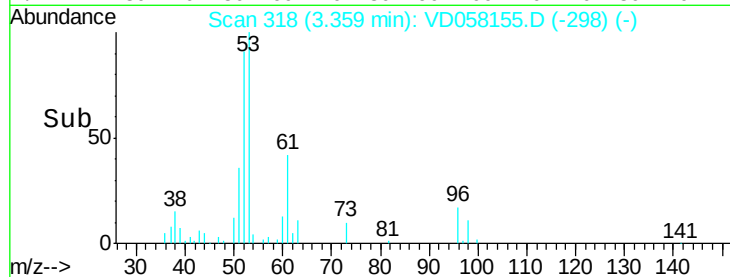
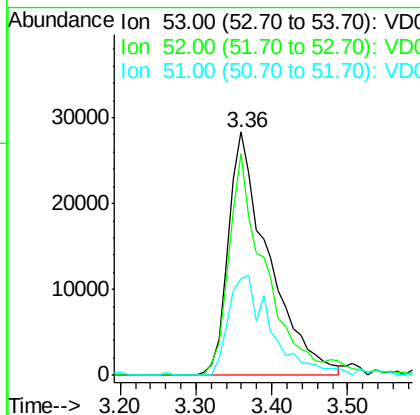
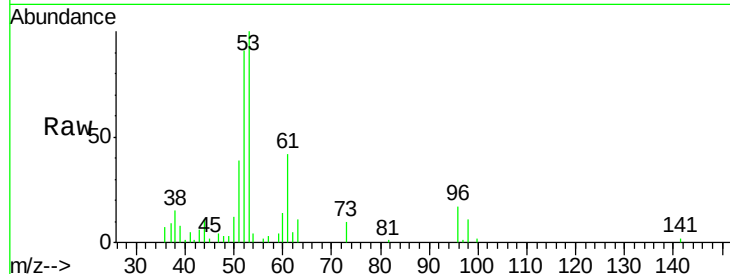
ClientSampleId :

VD0615SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 104443 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 91.0  | 69.9  | 104.9  |
| 51        | 39.4  | 34.3  | 51.5   |

Manual Integrations  
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apatel  
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#16

Acetone

Concen: 112.960 ug/l

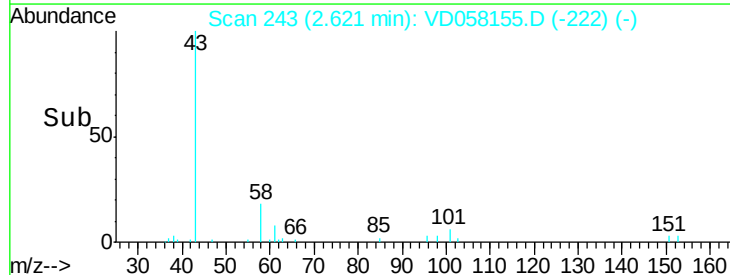
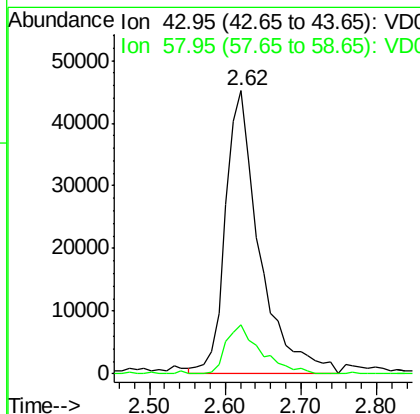
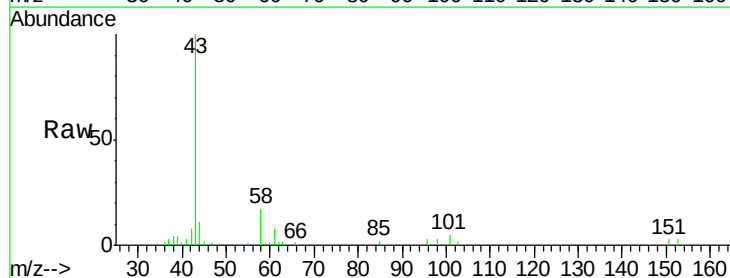
RT: 2.62 min Scan# 243

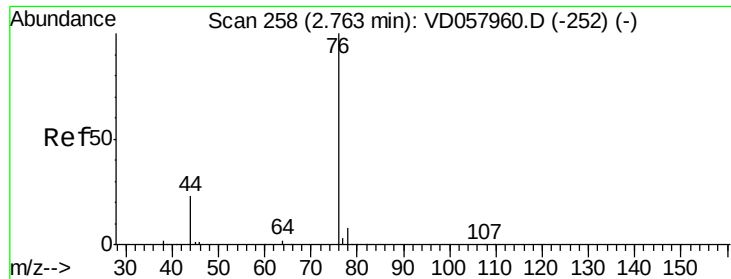
Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 141125 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 17.4  | 15.8  | 23.8   |





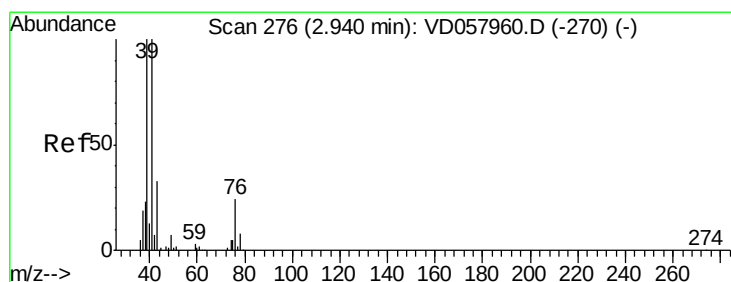
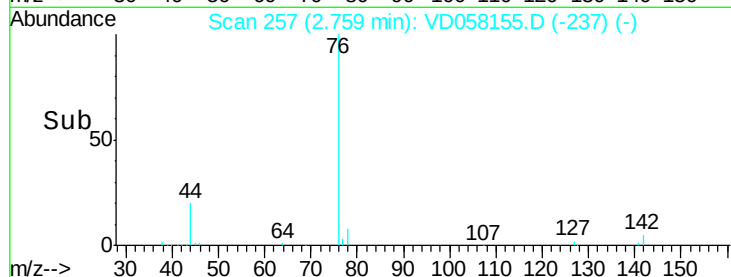
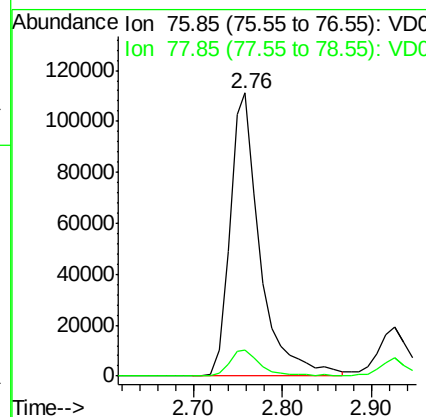
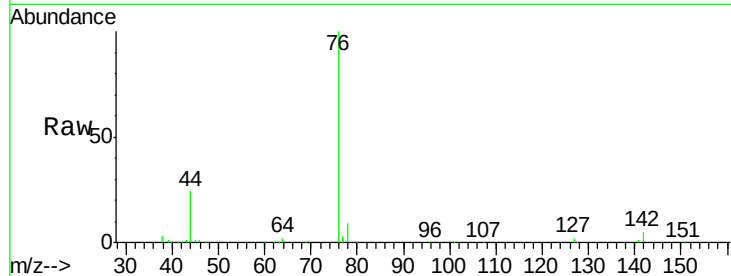
#17  
Carbon Disulfide  
Concen: 20.808 ug/l  
RT: 2.76 min Scan# 257  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 6.7   | 10.1  |

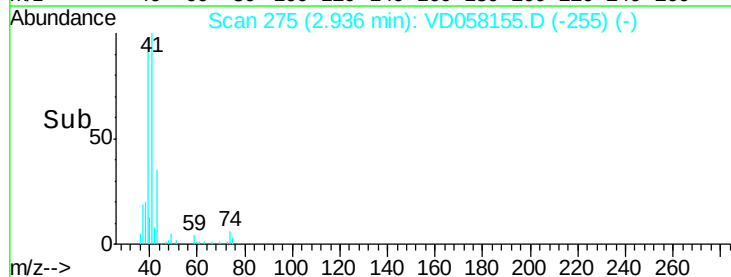
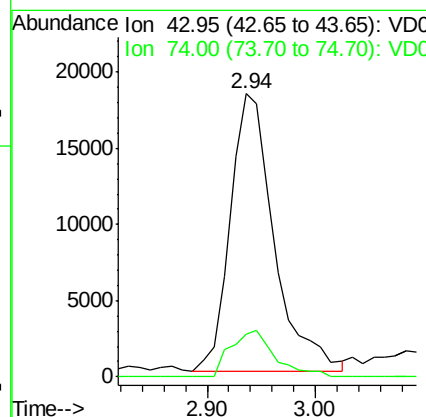
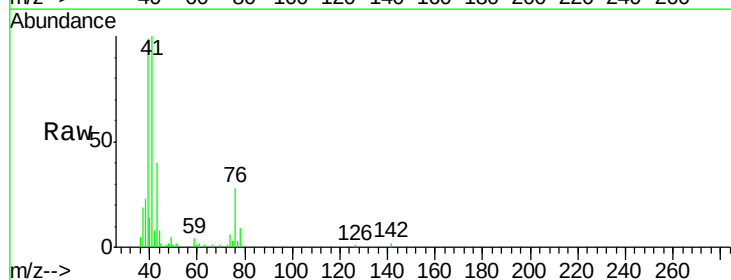
Manual Integrations  
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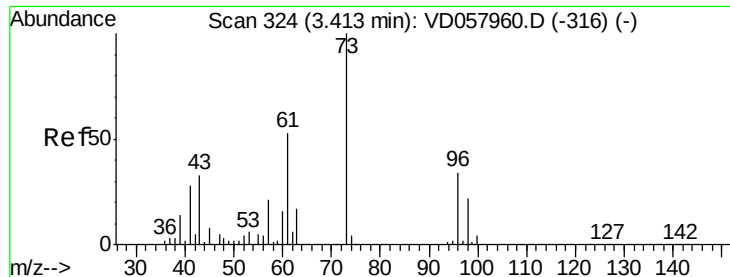
apatel  
6/18/2018 2:07:35 PM



#18  
Methyl Acetate  
Concen: 21.365 ug/l  
RT: 2.94 min Scan# 275  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 15.3  | 11.2  | 16.8  |





#19

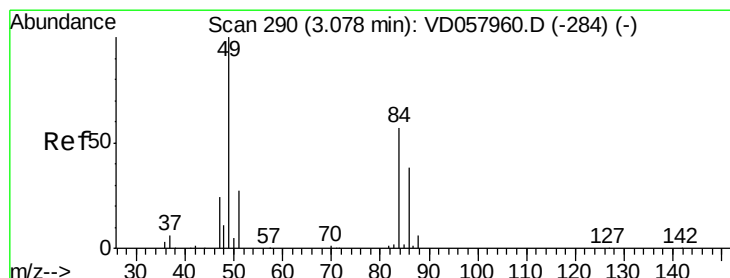
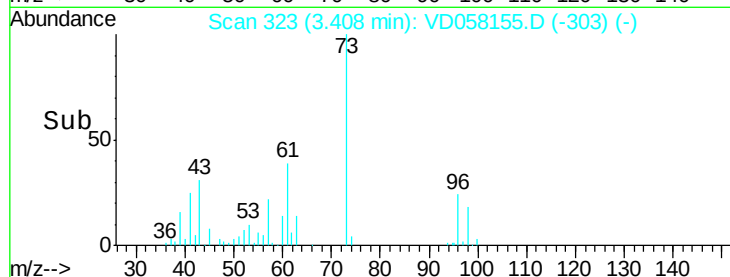
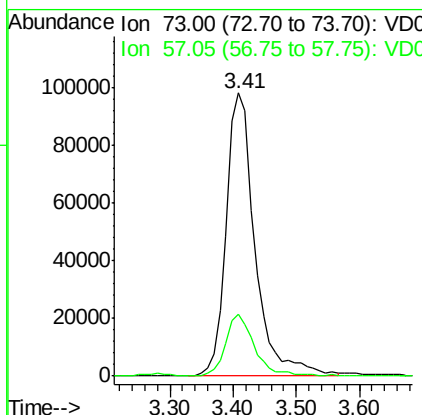
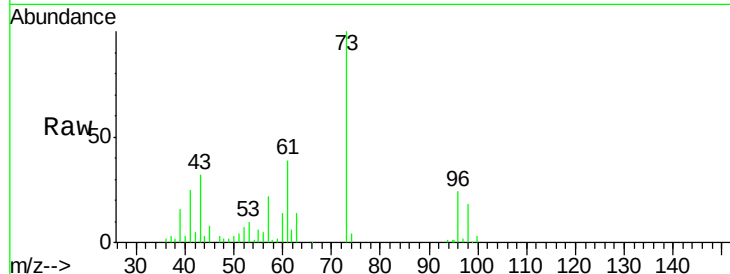
Methyl tert-butyl Ether  
 Concen: 20.340 ug/l  
 RT: 3.41 min Scan# 323  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.9  | 16.7  | 25.1  |

Manual Integrations  
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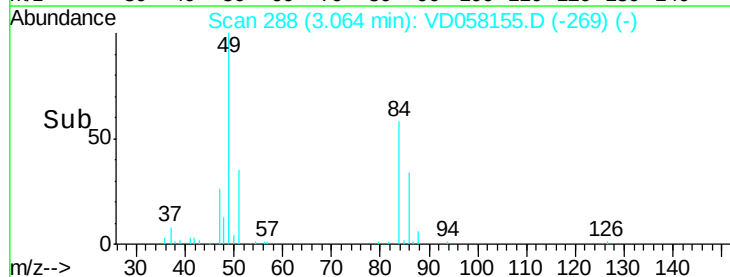
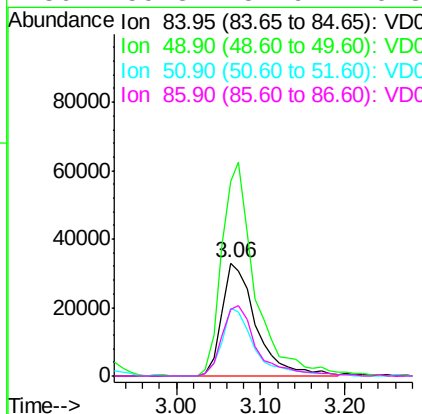
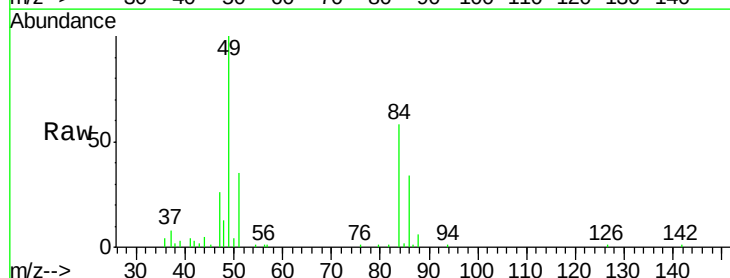
apatel  
 6/18/2018 2:07:35 PM

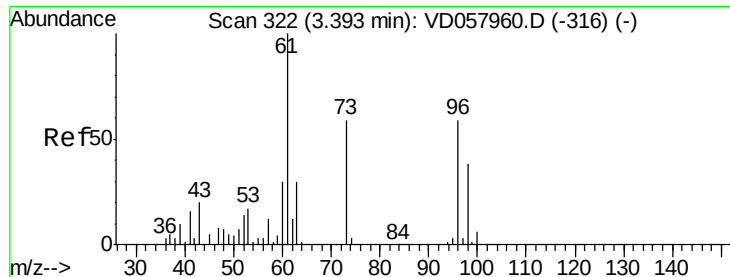


#20

Methylene Chloride  
 Concen: 26.607 ug/l  
 RT: 3.06 min Scan# 288  
 Delta R.T. -0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 172.8 | 141.4 | 212.0 |
| 51      | 60.4  | 38.3  | 57.5  |
| 86      | 59.3  | 52.9  | 79.3  |





#21

trans-1,2-Dichloroethene

Concen: 15.857 ug/l

RT: 3.40 min Scan# 322

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

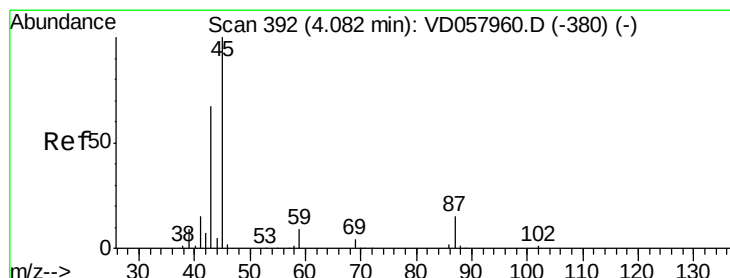
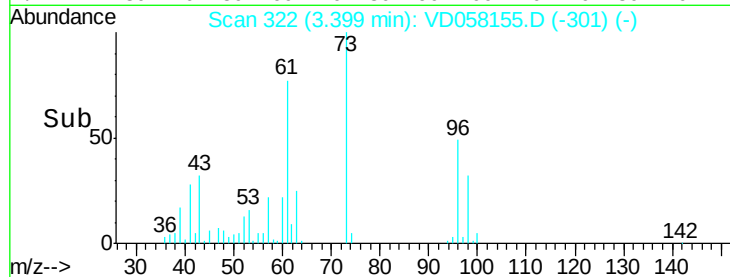
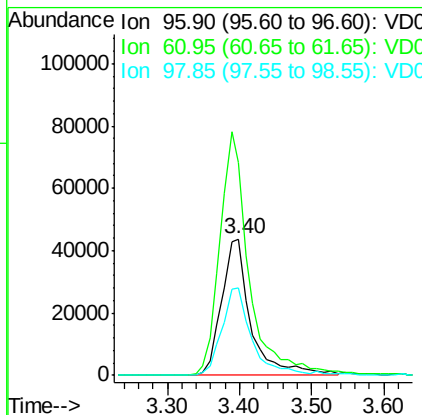
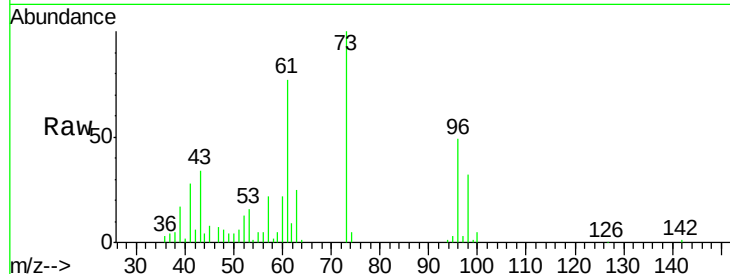
ClientSampleID :

VD0615SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 122867 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 156.3 | 135.2 | 202.8  |
| 98       | 64.1  | 51.7  | 77.5   |

Manual Integrations  
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apatel  
6/18/2018 2:07:35 PM



#22

Diisopropyl ether

Concen: 21.346 ug/l

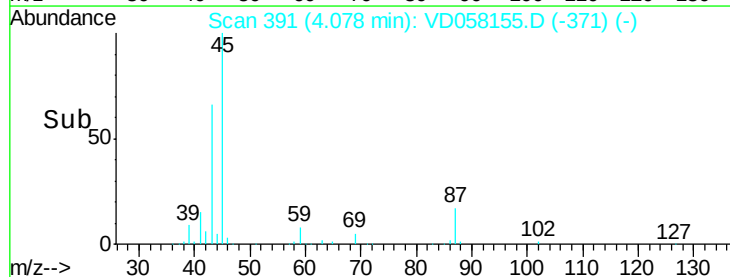
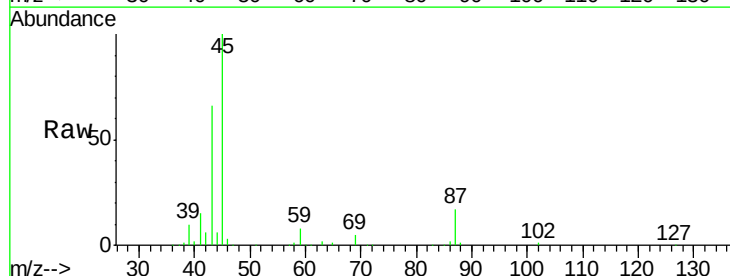
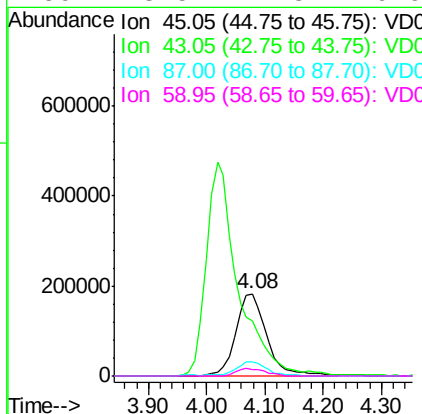
RT: 4.08 min Scan# 391

Delta R.T. -0.00 min

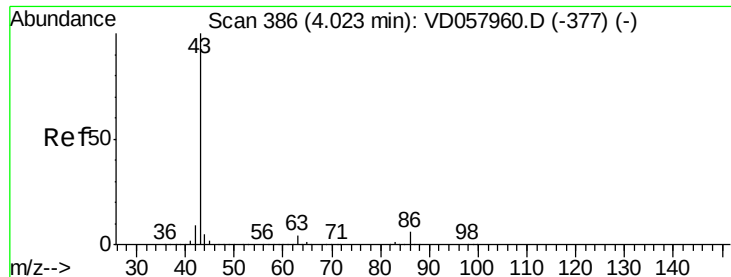
Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 678634 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 66.4  | 53.8  | 80.8   |
| 87       | 17.3  | 12.5  | 18.7   |
| 59       | 8.5   | 7.3   | 10.9   |







#23

Vinyl Acetate

Concen: 108.806 ug/l

RT: 4.02 min Scan# 385

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 43 Resp: 1787257

Ion Ratio Lower Upper

43 100

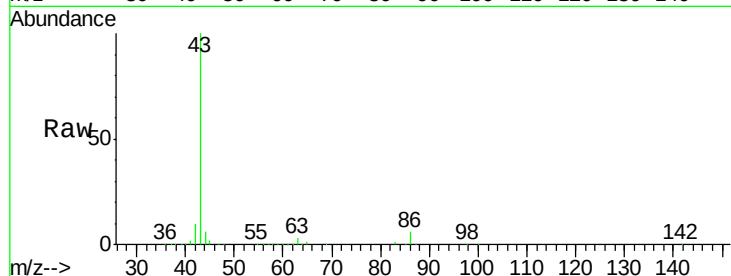
86 6.1 4.7 7.1

Manual Integrations

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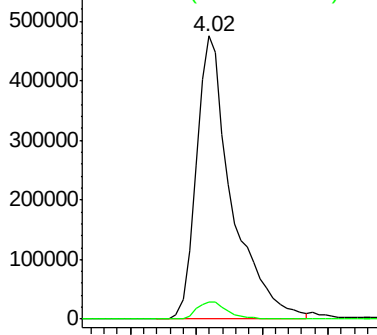
apatel

6/18/2018 2:07:35 PM

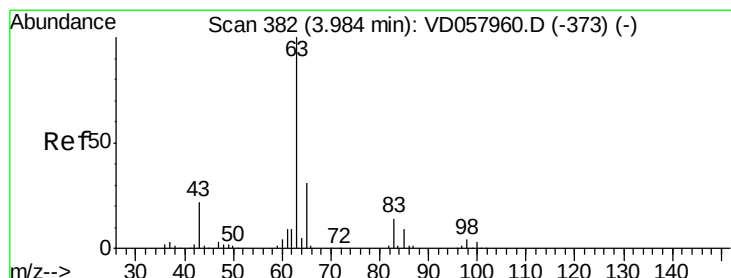
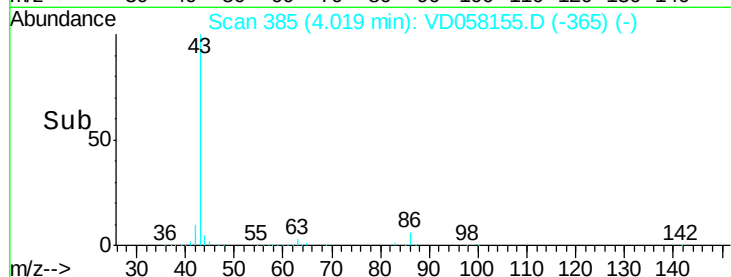


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 22.359 ug/l

RT: 3.97 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

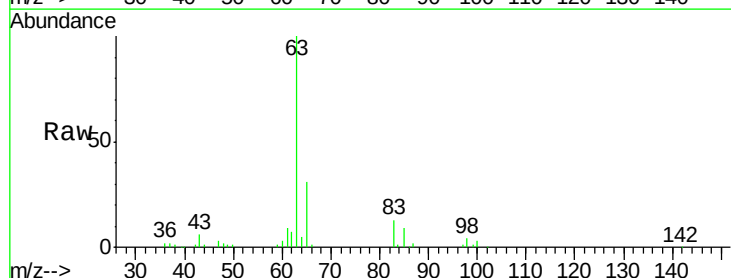
Tgt Ion: 63 Resp: 390673

Ion Ratio Lower Upper

63 100

98 4.2 2.0 5.8

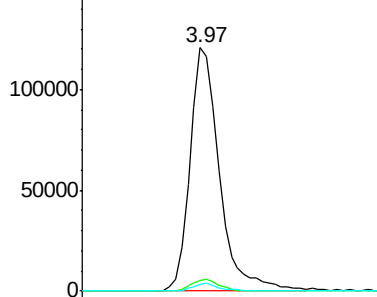
100 2.8 1.4 4.2



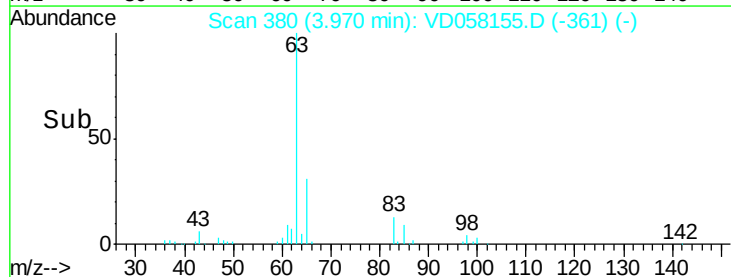
Abundance Ion 62.95 (62.65 to 63.65): VDC

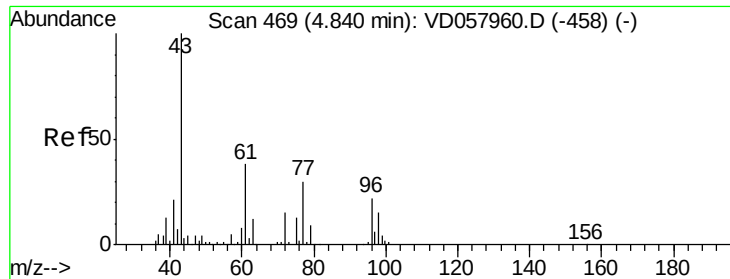
Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC



Time-->





#25

2-Butanone

Concen: 103.381 ug/l

RT: 4.85 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 43 Resp: 293527

Ion Ratio Lower Upper

43 100

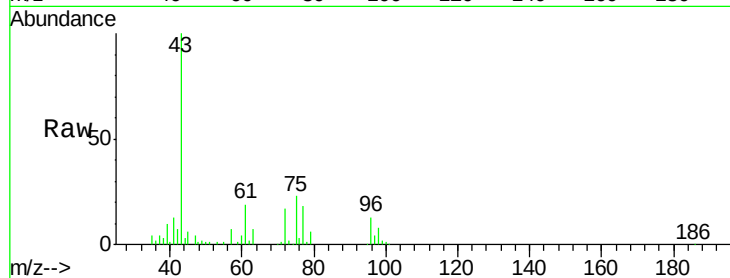
72 16.9 12.0 18.0

Manual Integrations

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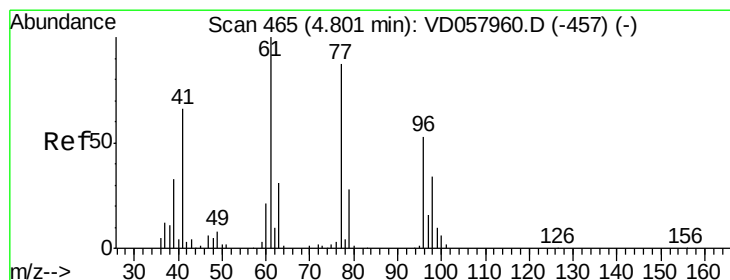
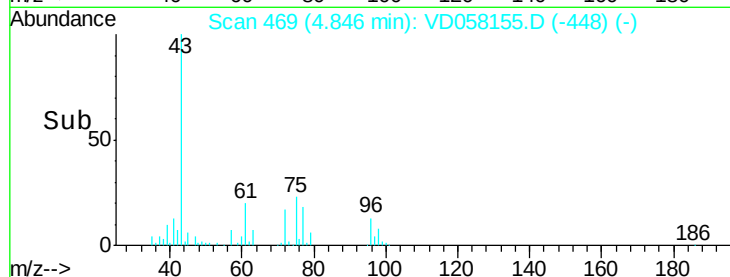
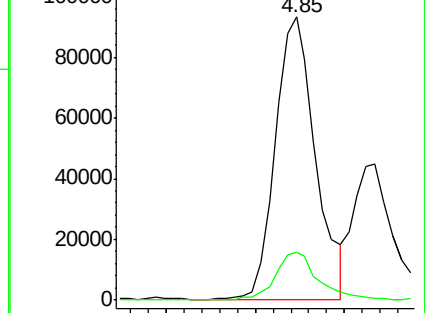
apatel

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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: 21.854 ug/l

RT: 4.80 min Scan# 464

Delta R.T. -0.00 min

Lab File: VD058155.D

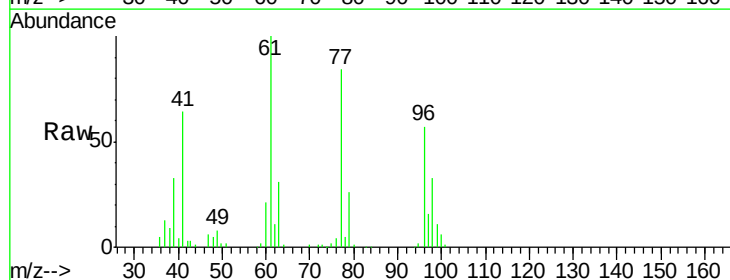
Acq: 15 Jun 2018 16:38

Tgt Ion: 77 Resp: 314541

Ion Ratio Lower Upper

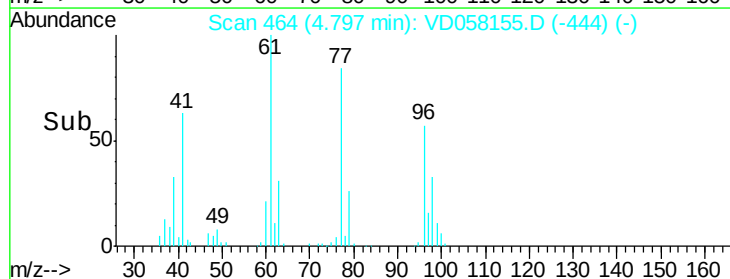
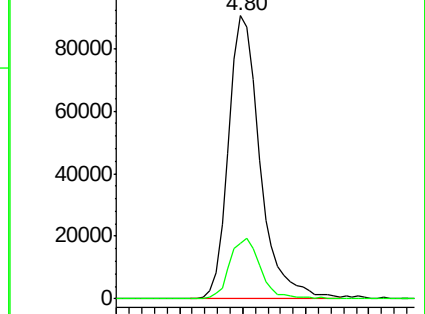
77 100

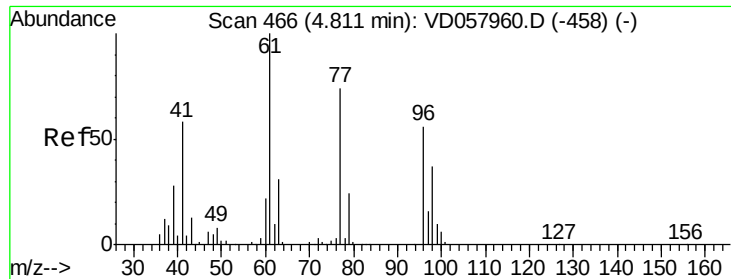
97 19.6 9.2 27.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

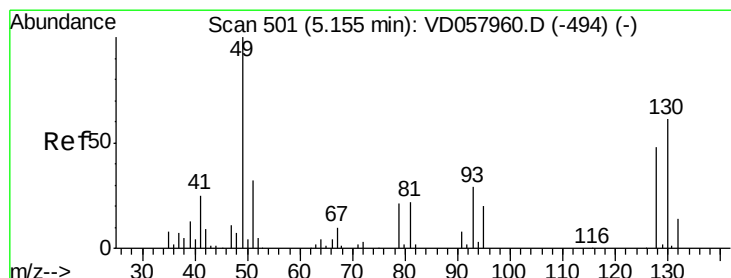
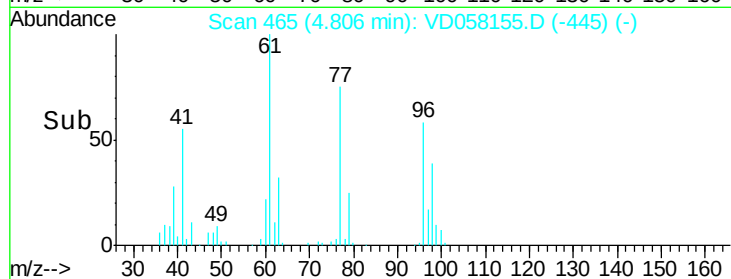
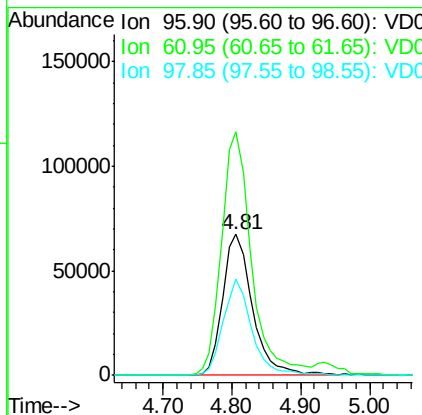
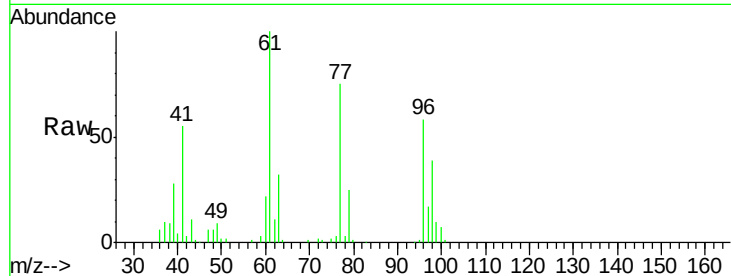
cis-1,2-Dichloroethene  
Concen: 22.073 ug/l  
RT: 4.81 min Scan# 465  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 172.5 | 0.0   | 355.0 |
| 98      | 68.1  | 0.0   | 129.6 |

Manual Integrations  
APPROVED

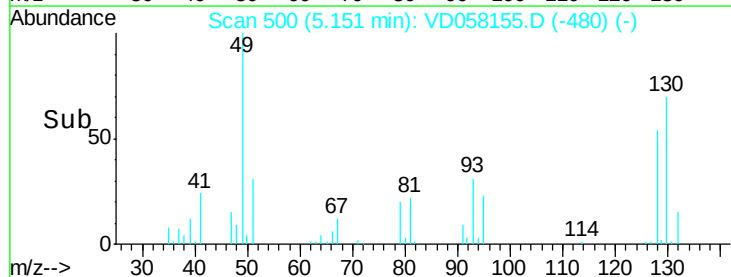
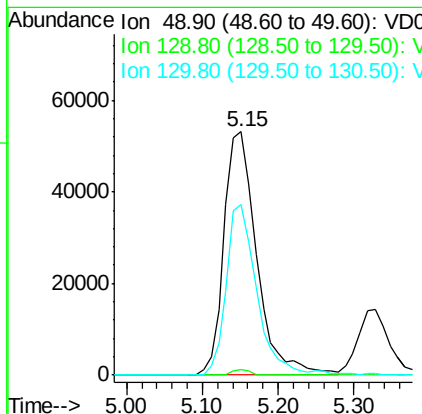
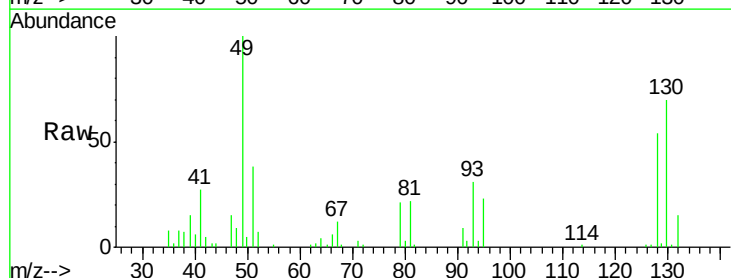
apatel  
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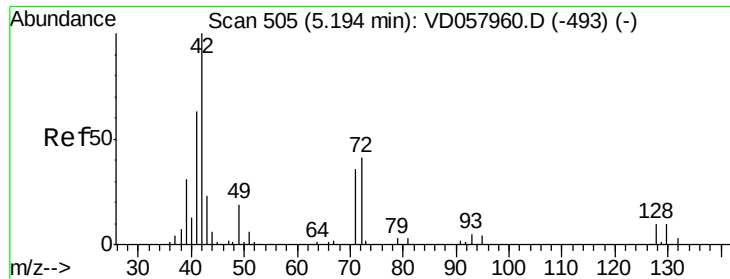


#28

Bromochloromethane  
Concen: 21.044 ug/l  
RT: 5.15 min Scan# 500  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 3.6   |
| 130     | 70.0  | 48.8  | 73.2  |





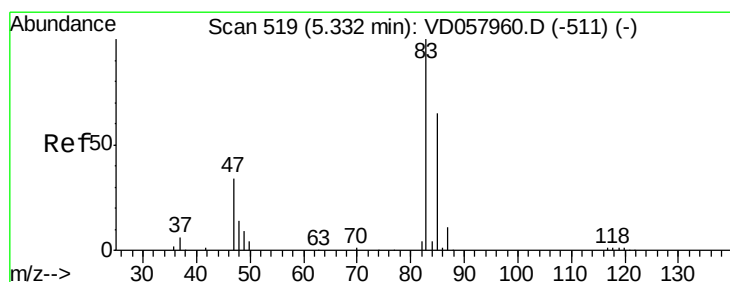
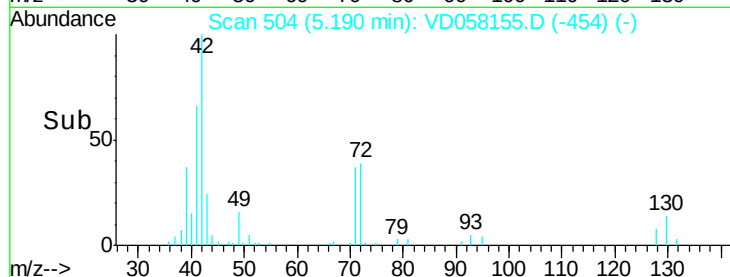
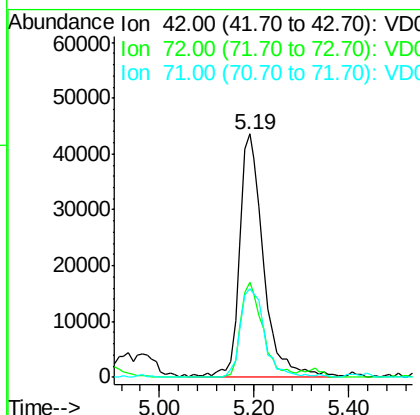
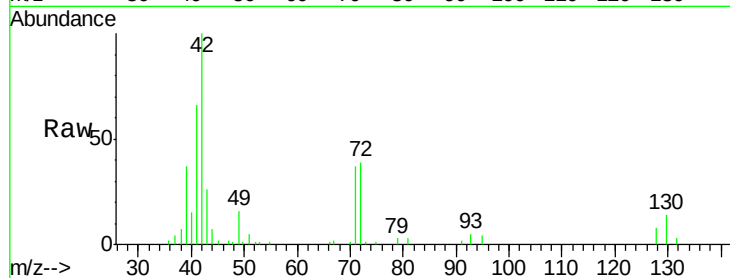
#29  
Tetrahydrofuran  
Concen: 102.622 ug/l  
RT: 5.19 min Scan# 504  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 36.3  | 28.5  | 42.7  |
| 71      | 36.9  | 27.9  | 41.9  |

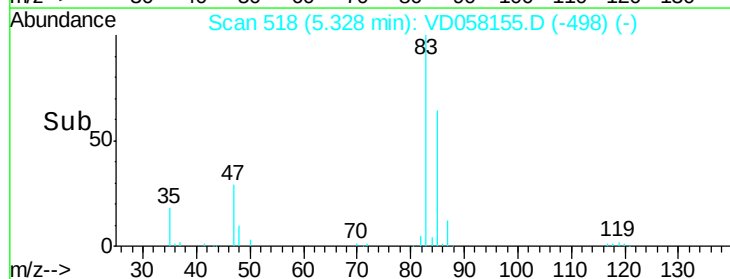
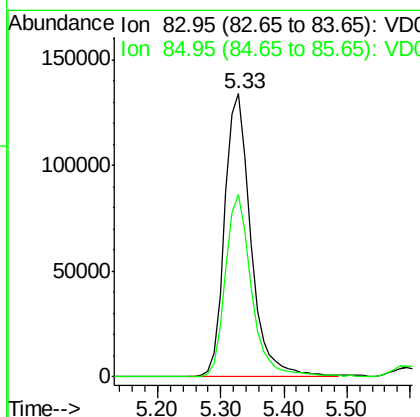
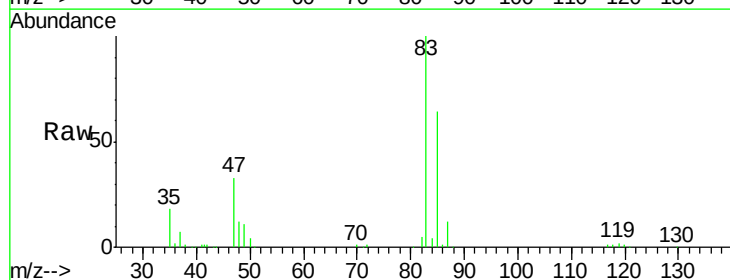
Manual Integrations  
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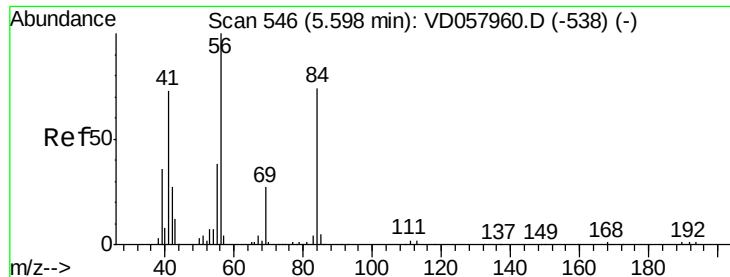
apatel  
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#30  
Chloroform  
Concen: 21.901 ug/l  
RT: 5.33 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.2  | 51.6  | 77.4  |





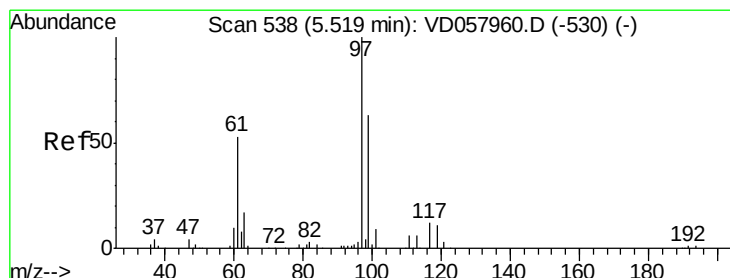
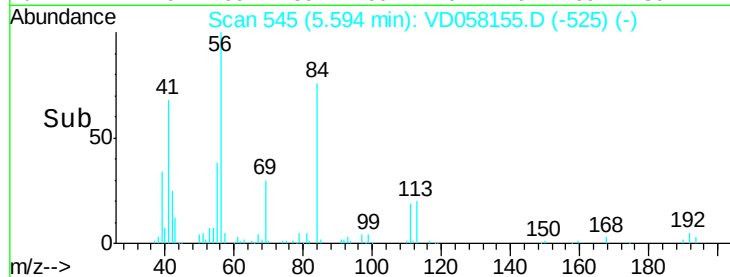
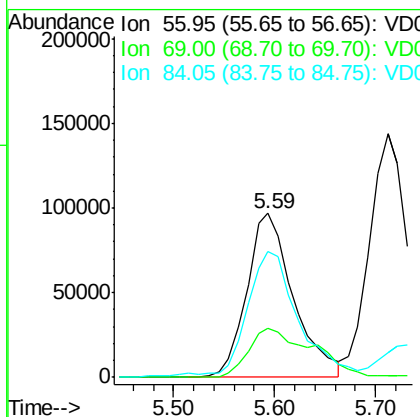
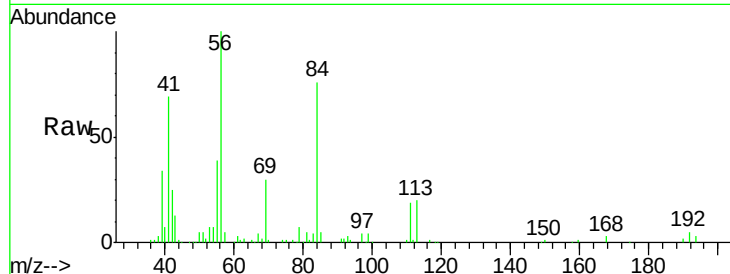
#31  
Cyclohexane  
Concen: 20.610 ug/l  
RT: 5.59 min Scan# 545  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.6  | 21.5  | 32.3  |
| 84      | 76.3  | 61.0  | 91.6  |

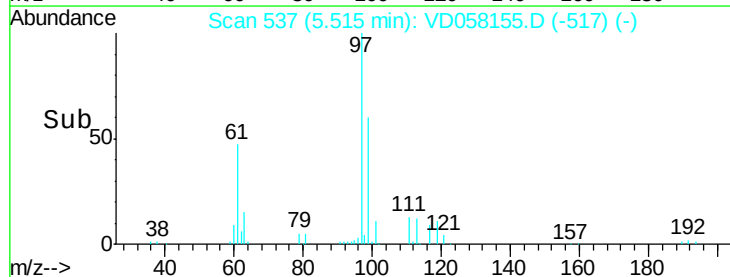
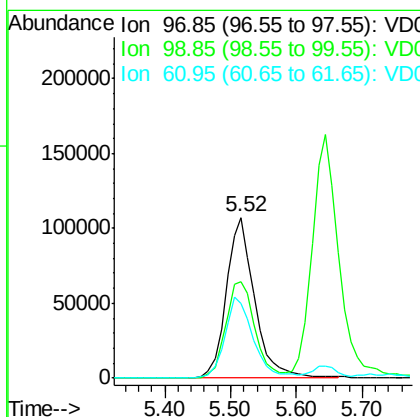
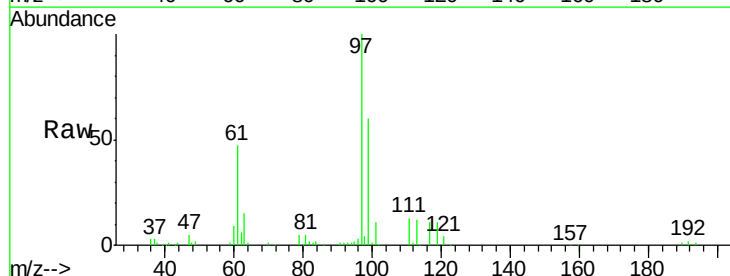
Manual Integrations  
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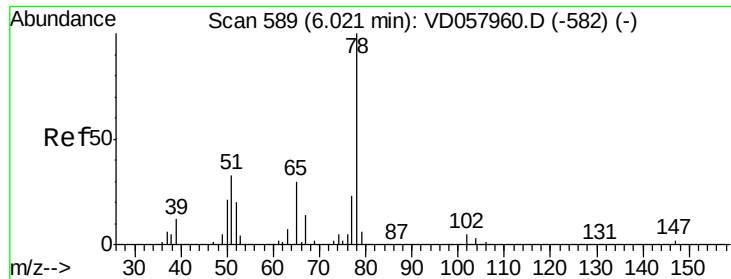
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#32  
1,1,1-Trichloroethane  
Concen: 21.943 ug/l  
RT: 5.52 min Scan# 537  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 59.7  | 50.1  | 75.1  |
| 61      | 46.6  | 42.2  | 63.4  |





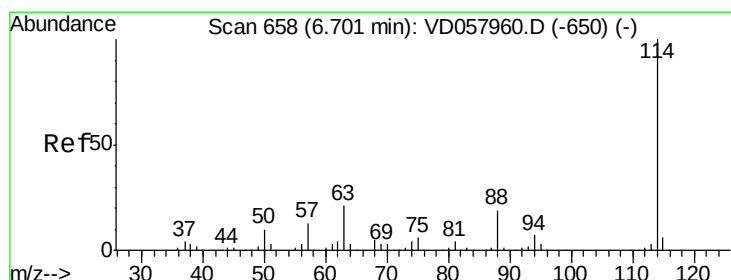
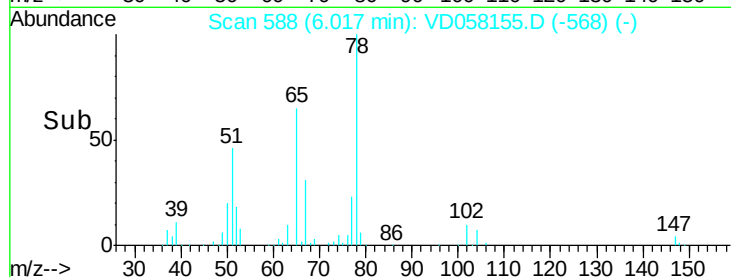
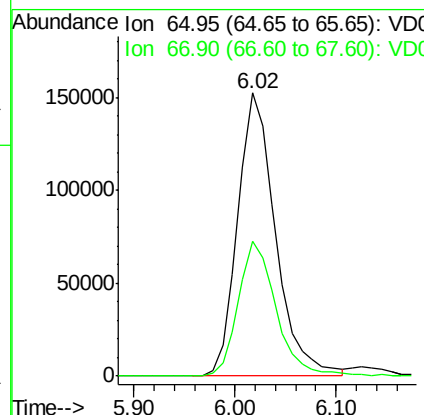
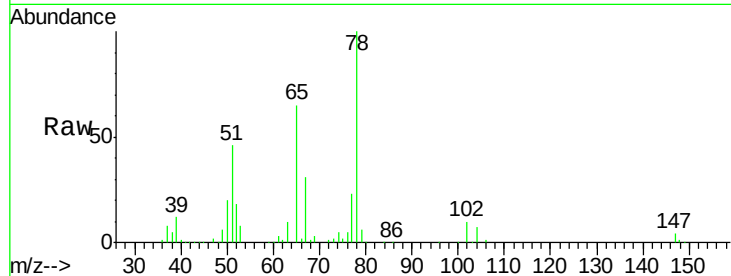
#33  
 1,2-Dichloroethane-d4  
 Concen: 21.943 ug/l  
 RT: 6.02 min Scan# 588  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

Tot Ion: 65 Resp: 399548  
 Ion Ratio Lower Upper  
 65 100  
 67 47.5 0.0 94.0

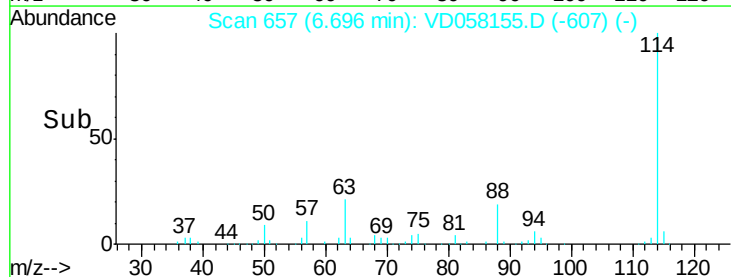
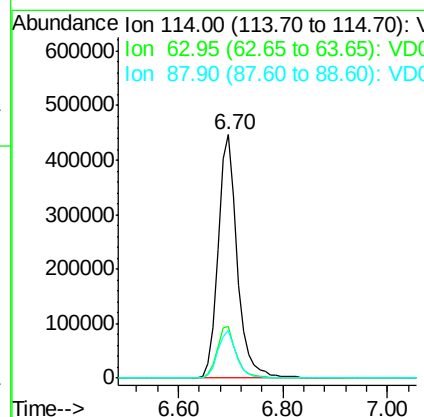
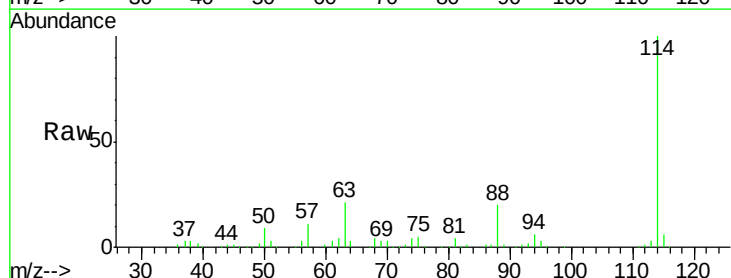
Manual Integrations  
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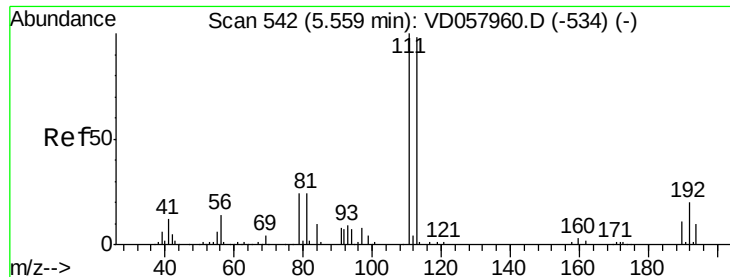
apatel  
 6/18/2018 2:07:35 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.70 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Tgt Ion: 114 Resp: 1136853  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 42.8  
 88 19.5 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

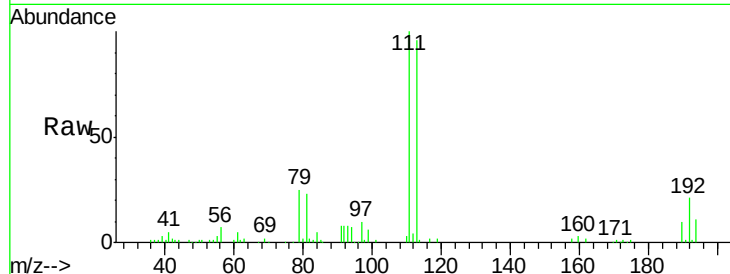
ClientSampleId :

VD0615SBS01

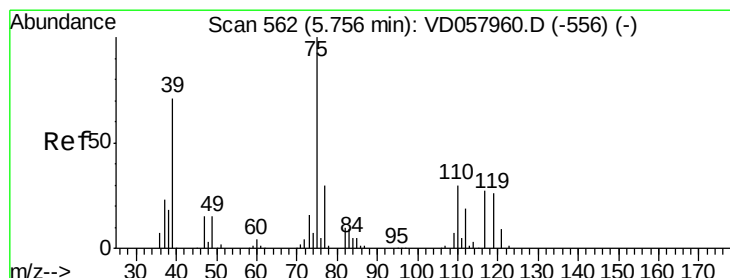
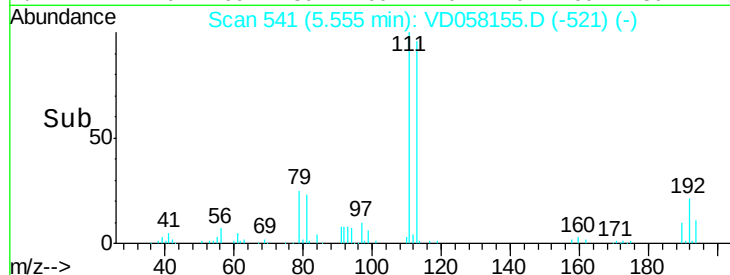
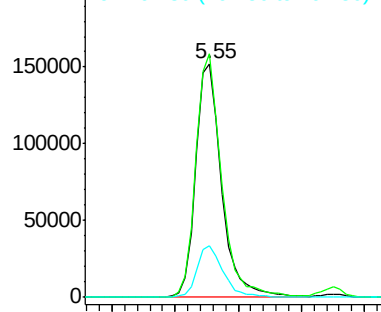
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 433581 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 104.1 | 81.5  | 122.3  |
| 192       | 22.3  | 16.4  | 24.6   |

Manual Integrations  
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Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 22.501 ug/l

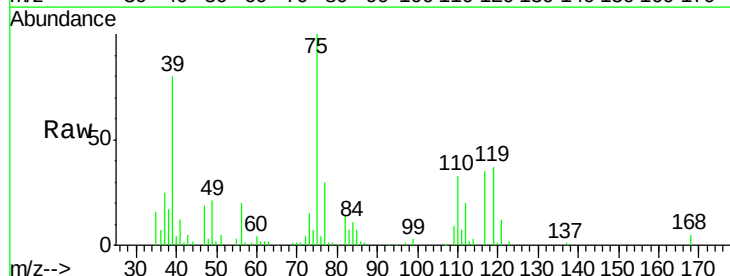
RT: 5.75 min Scan# 561

Delta R.T. -0.00 min

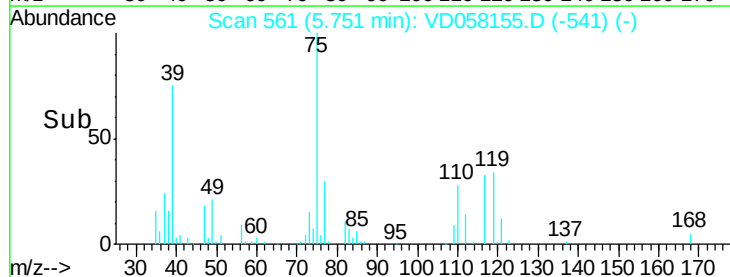
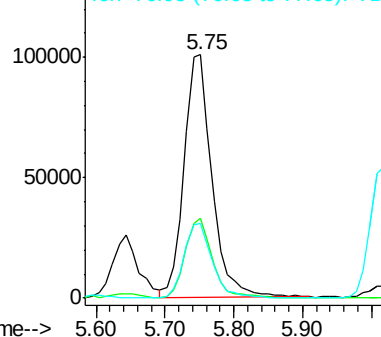
Lab File: VD058155.D

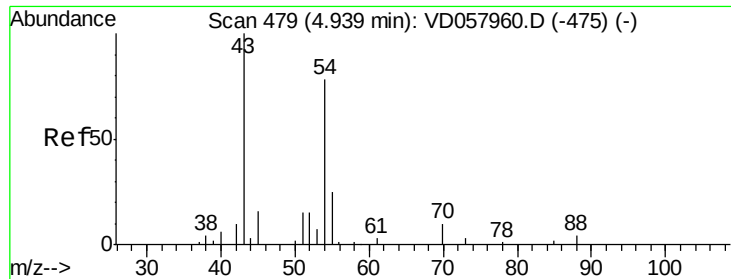
Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 281831 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 32.5  | 14.8  | 44.3   |
| 77        | 30.5  | 23.9  | 35.9   |



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





#37

Ethyl Acetate

Concen: 20.537 ug/l

RT: 4.93 min Scan# 478

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

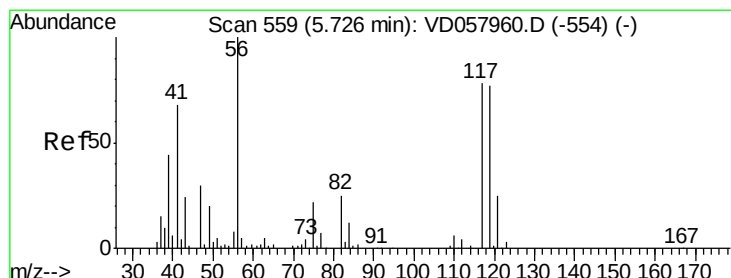
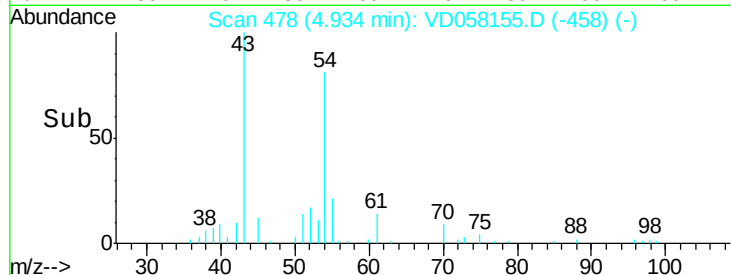
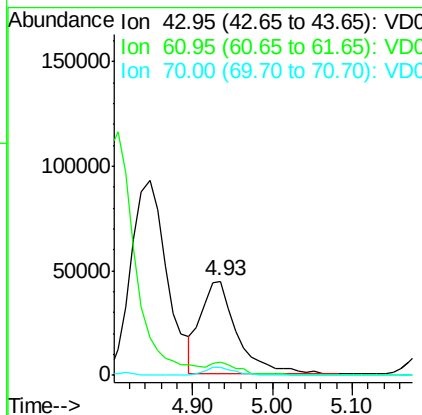
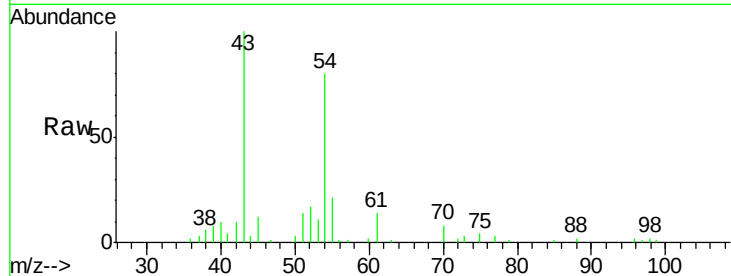
ClientSampleId :

VD0615SBS01

| Tot Ion | 43    | Resp  | 140358 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 13.8  | 9.9   | 14.9   |
| 70      | 8.4   | 5.7   | 8.5    |

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 22.767 ug/l

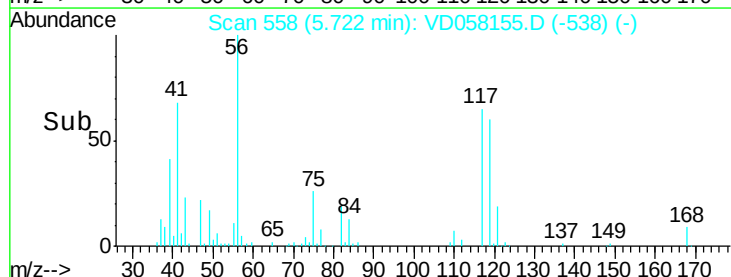
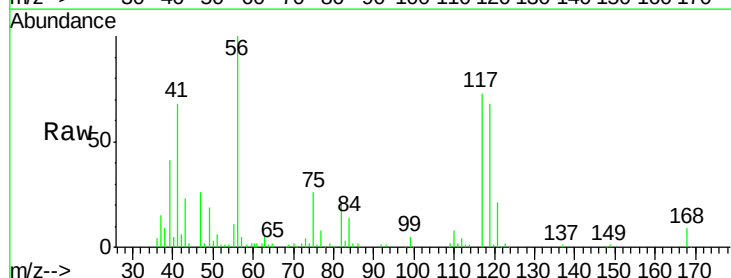
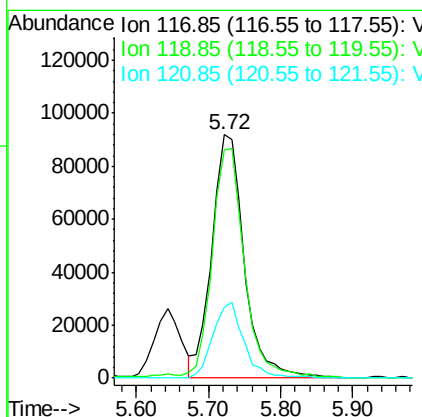
RT: 5.72 min Scan# 558

Delta R.T. -0.00 min

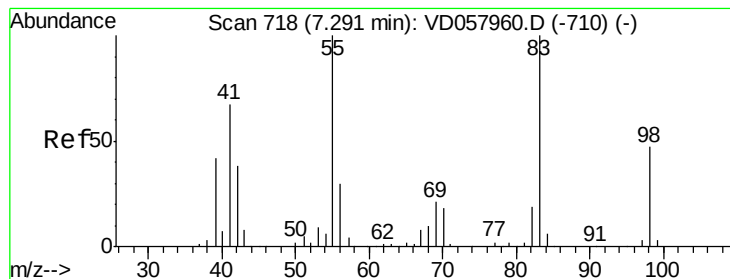
Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

| Tgt Ion | 117   | Resp  | 281040 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 93.5  | 76.1  | 114.1  |
| 121     | 29.1  | 24.9  | 37.3   |







#39

Methylvlcyclohexane

Concen: 22.694 ug/l

RT: 7.29 min Scan# 717

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

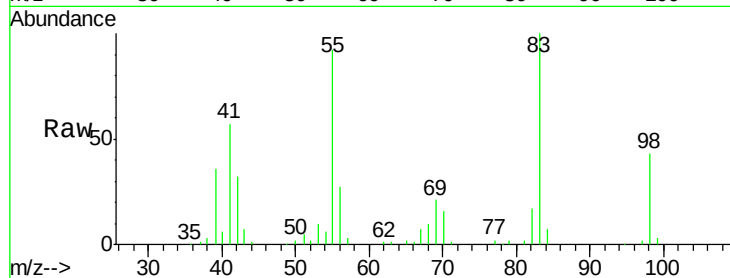
ClientSampleId :

VD0615SBS01

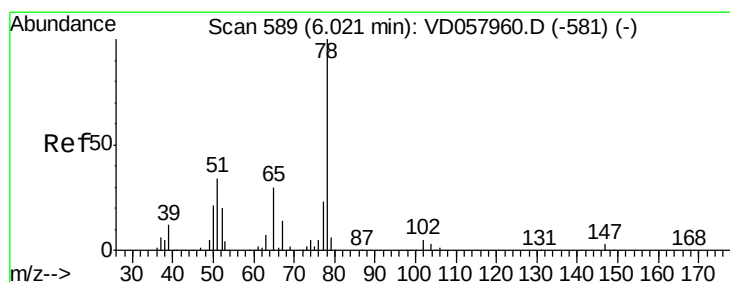
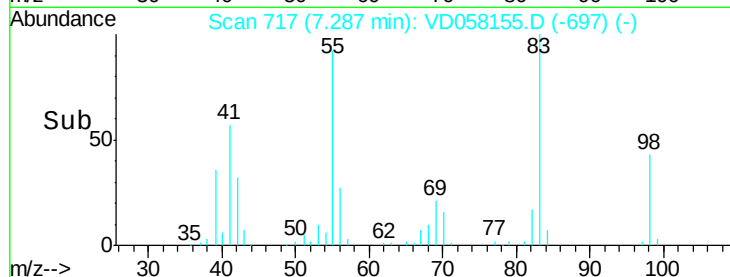
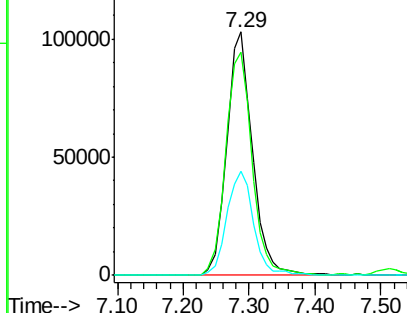
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 281773 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 91.6  | 80.3  | 120.5  |
| 98        | 42.6  | 38.0  | 57.0   |

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



#40

Benzene

Concen: 22.176 ug/l

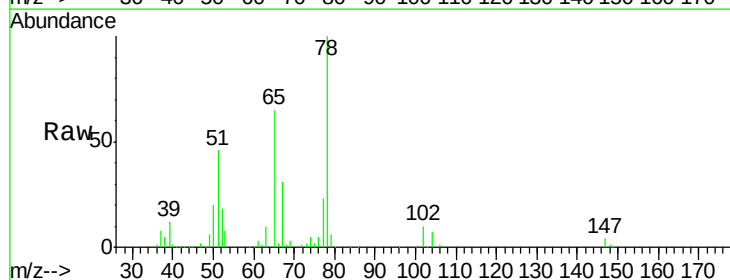
RT: 6.02 min Scan# 588

Delta R.T. -0.00 min

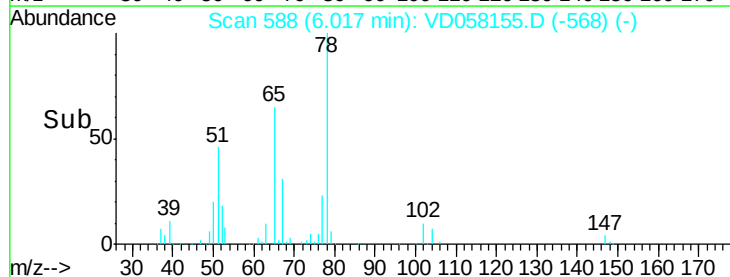
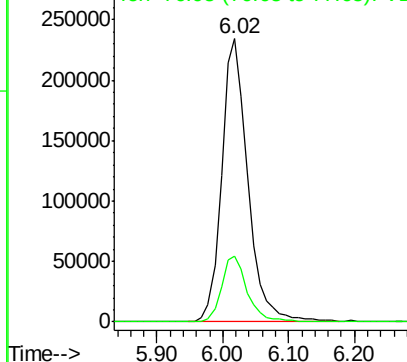
Lab File: VD058155.D

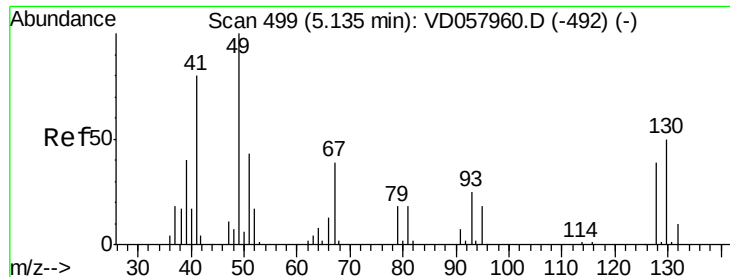
Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 648862 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.3  | 18.1  | 27.1   |



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





#41

Methacrylonitrile

Concen: 23.543 ug/l

RT: 5.13 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 41 Resp: 73569

Ion Ratio Lower Upper

41 100

39 52.1 40.7 61.1

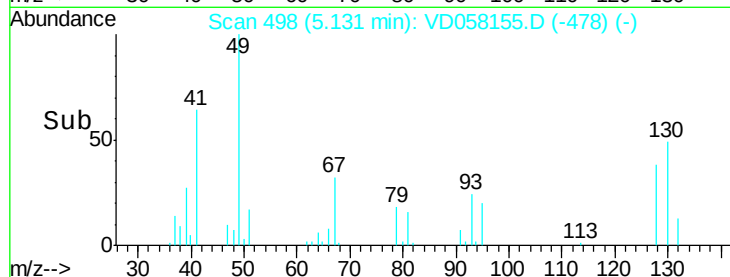
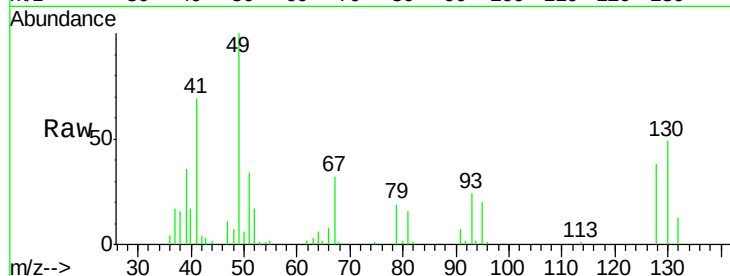
67 47.2 38.8 58.2

52 24.6 17.3 25.9

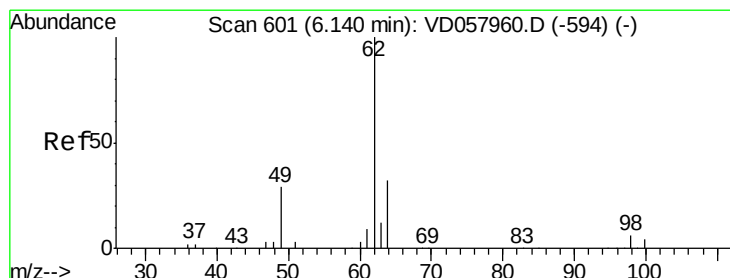
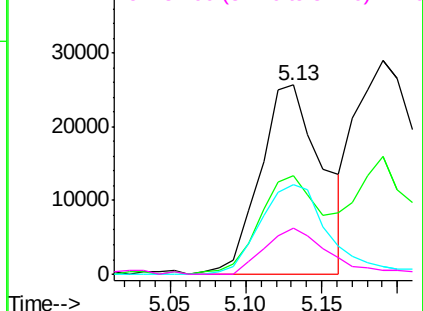
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Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.581 ug/l

RT: 6.14 min Scan# 600

Delta R.T. -0.00 min

Lab File: VD058155.D

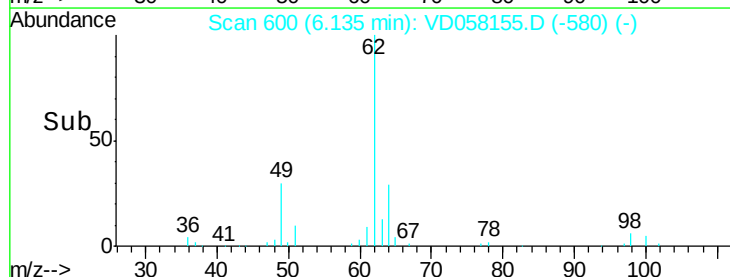
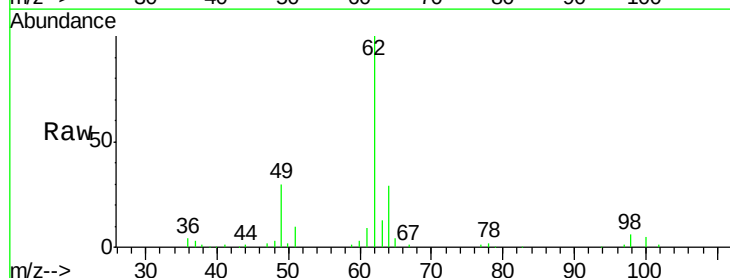
Acq: 15 Jun 2018 16:38

Tgt Ion: 62 Resp: 255309

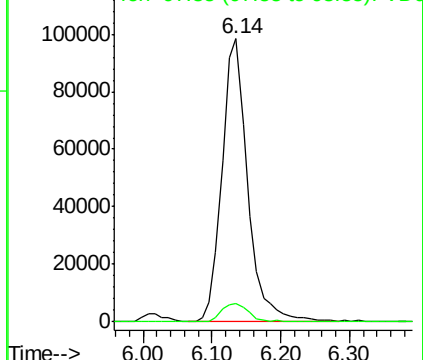
Ion Ratio Lower Upper

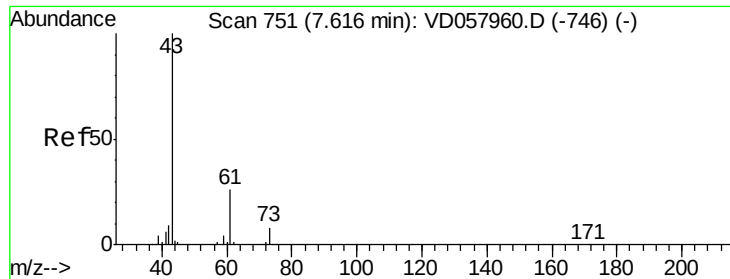
62 100

98 6.5 0.0 12.8



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





#43

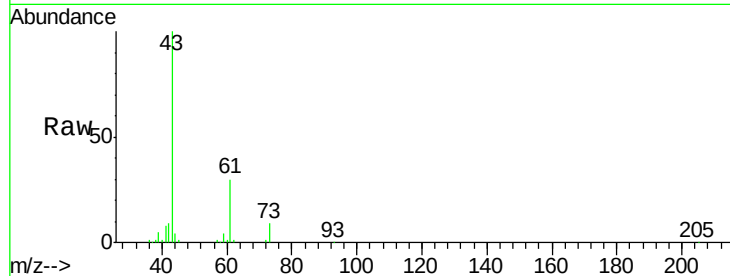
Isopropyl Acetate  
 Concen: 20.778 ug/l  
 RT: 7.62 min Scan# 751  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

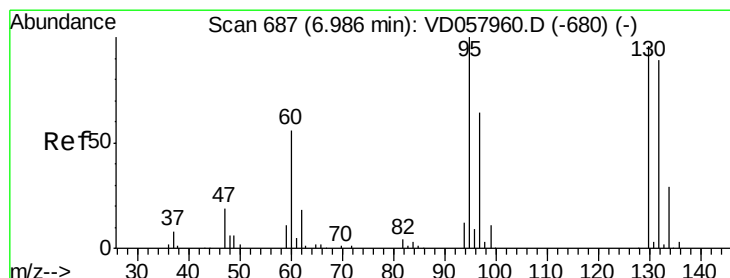
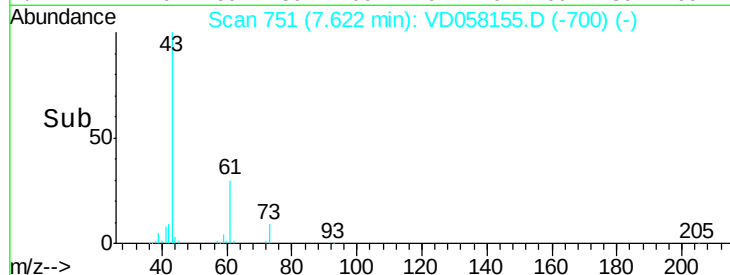
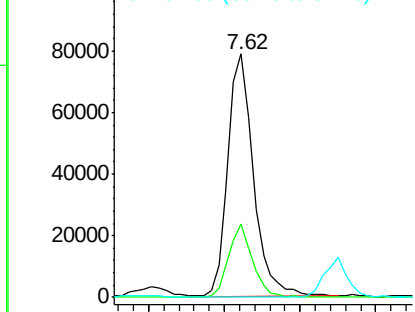
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.9  | 20.6  | 30.8  |
| 87      | 0.0   | 0.2   | 0.4   |

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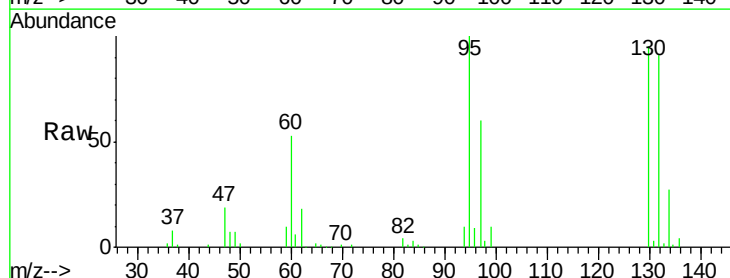
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



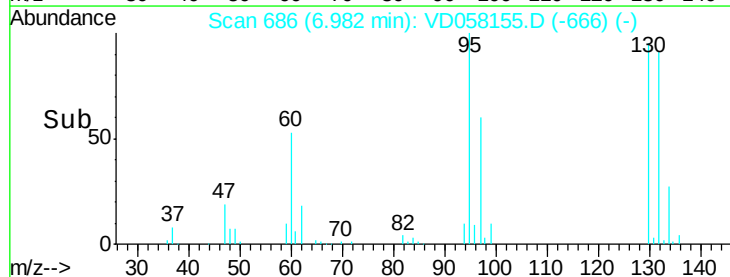
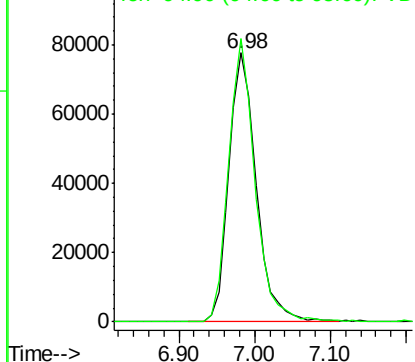
#44

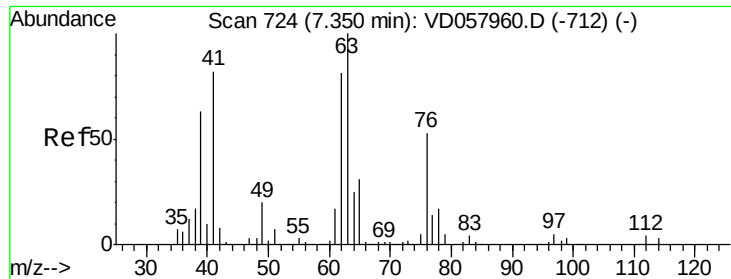
Trichloroethene  
 Concen: 22.708 ug/l  
 RT: 6.98 min Scan# 686  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 105.3 | 0.0   | 207.4 |



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





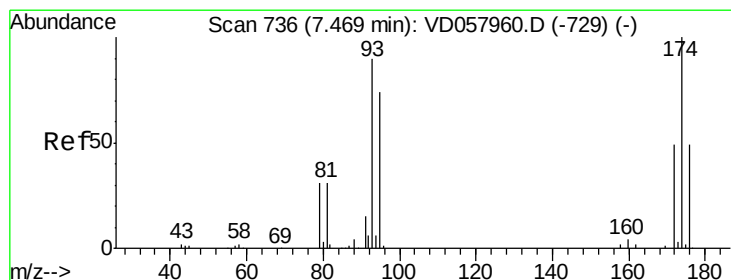
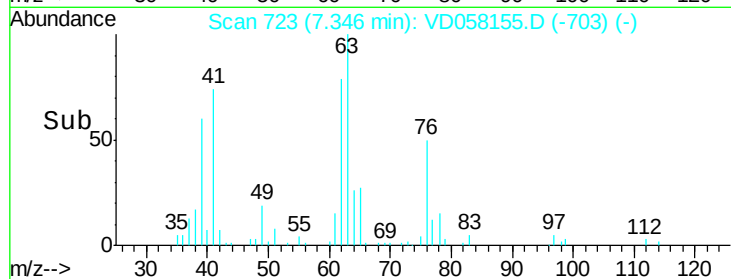
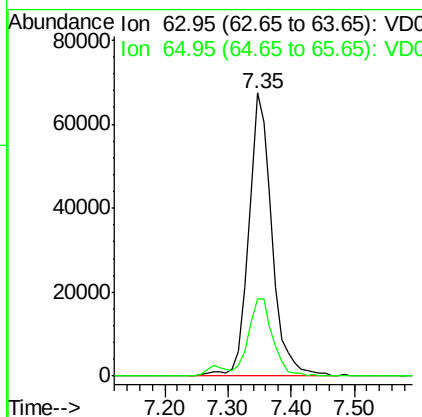
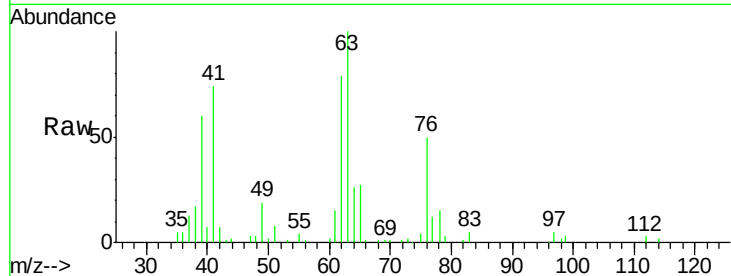
#45  
 1,2-Dichloropropane  
 Concen: 21.243 ug/l  
 RT: 7.35 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

Tot Ion: 63 Resp: 172752  
 Ion Ratio Lower Upper  
 63 100  
 65 27.2 24.9 37.3

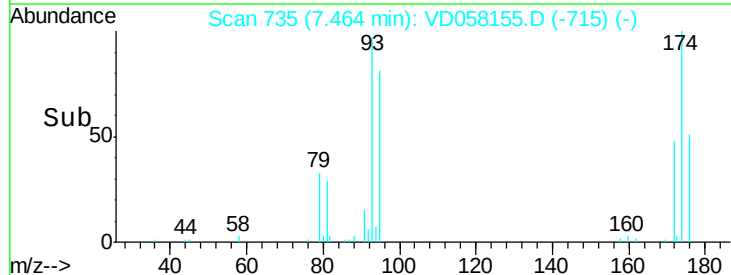
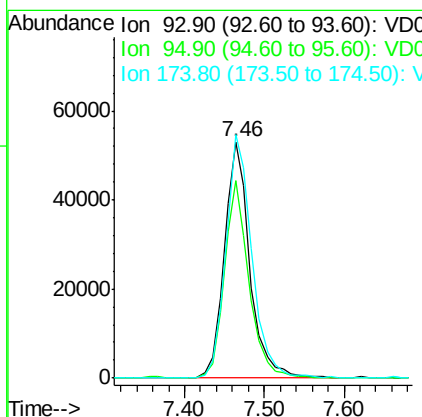
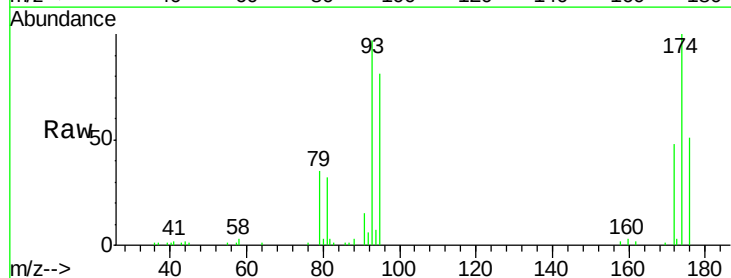
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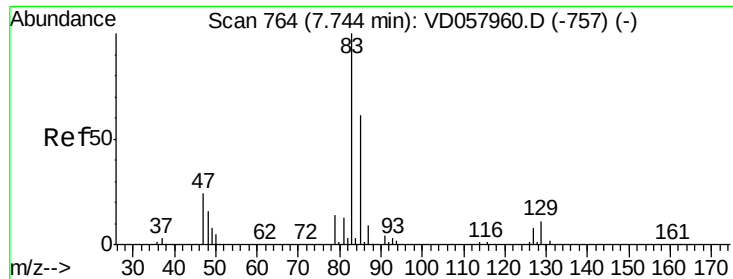
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#46  
 Dibromomethane  
 Concen: 22.724 ug/l  
 RT: 7.46 min Scan# 735  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Tgt Ion: 93 Resp: 118712  
 Ion Ratio Lower Upper  
 93 100  
 95 83.9 65.7 98.5  
 174 103.2 89.0 133.4





#47

Bromodichloromethane

Concen: 21.757 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

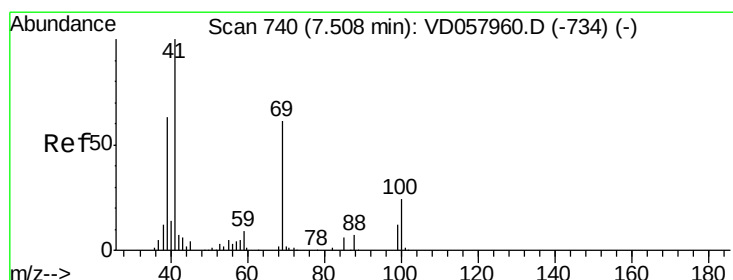
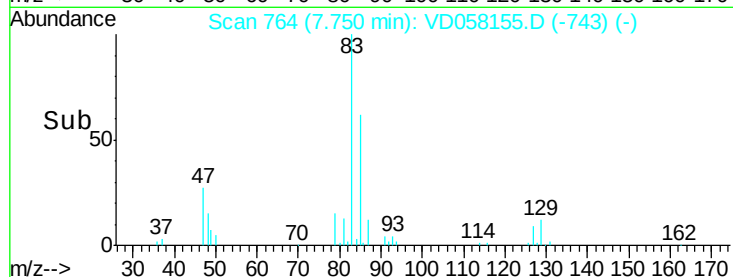
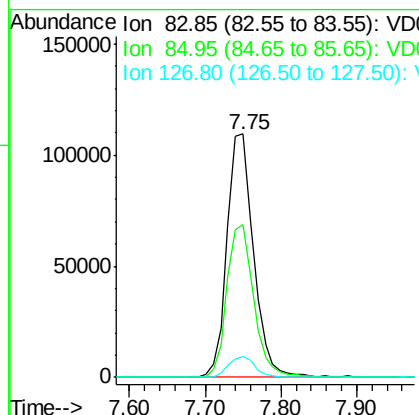
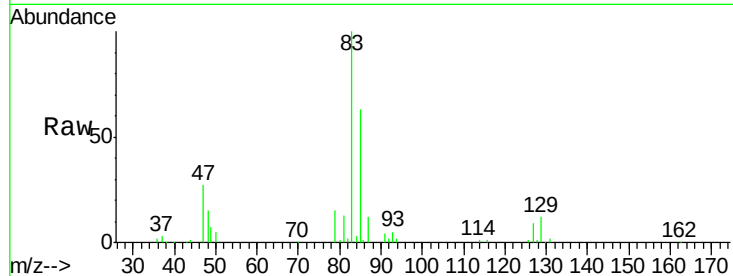
ClientSampleId :

VD0615SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 266129 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.6  | 49.1  | 73.7   |
| 127       | 8.8   | 6.2   | 9.2    |

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#48

Methyl methacrylate

Concen: 19.888 ug/l

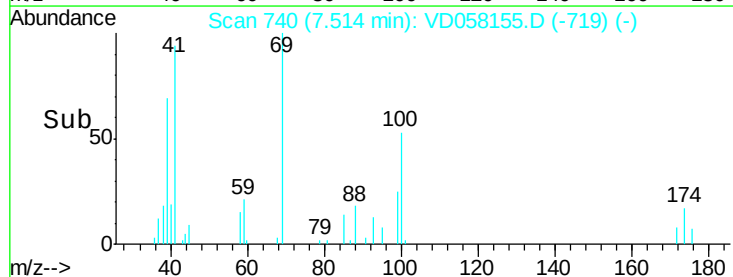
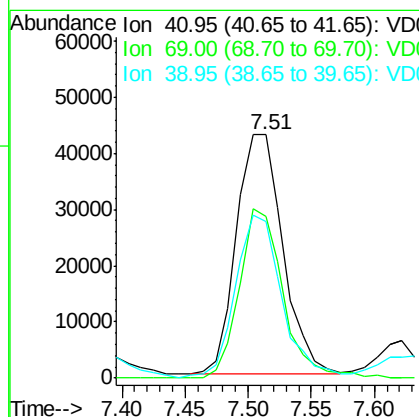
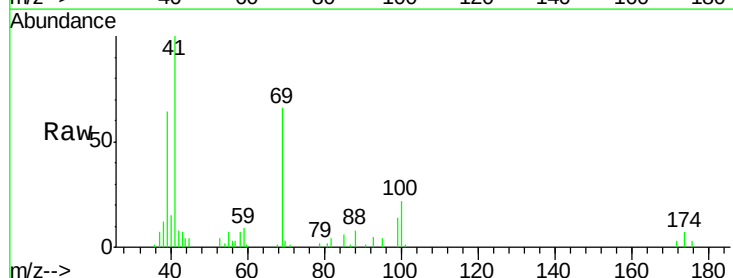
RT: 7.51 min Scan# 740

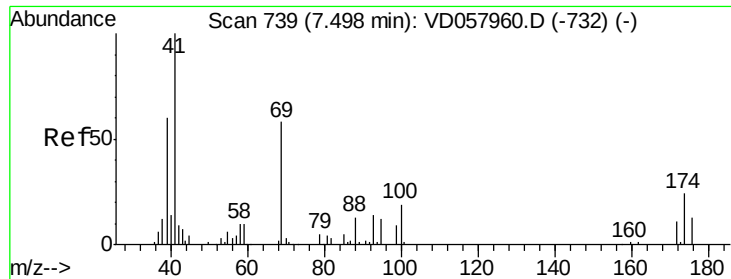
Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 109578 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 66.5  | 48.0  | 72.0   |
| 39        | 64.4  | 50.7  | 76.1   |





#49

1,4-Dioxane

Concen: 443.209 ug/l

RT: 7.49 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

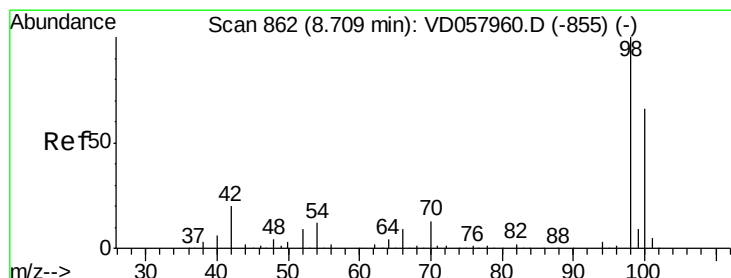
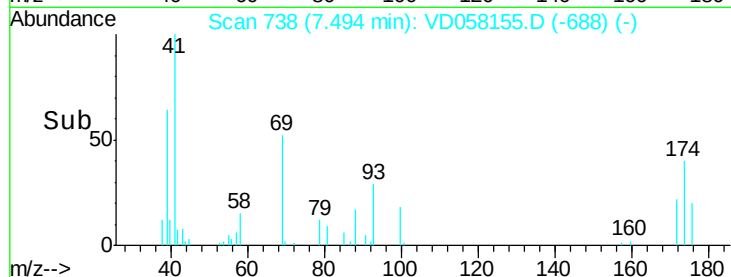
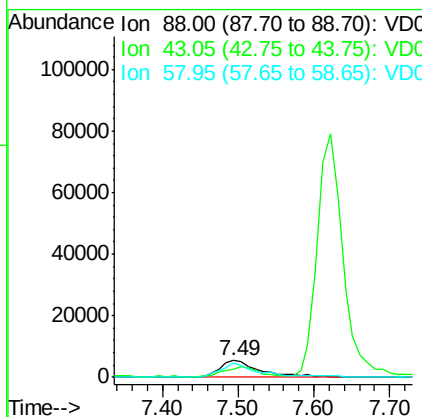
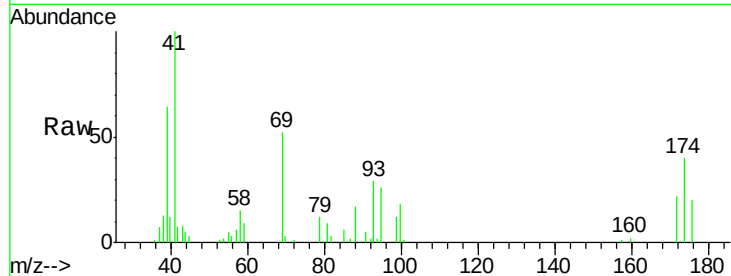
ClientSampleId :

VD0615SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 20230 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 46.0  | 46.6  | 69.8# |
| 58        | 89.8  | 63.6  | 95.4  |

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#50

Toluene-d8

Concen: 443.209 ug/l

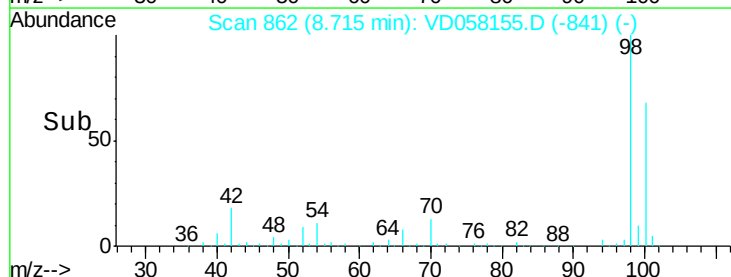
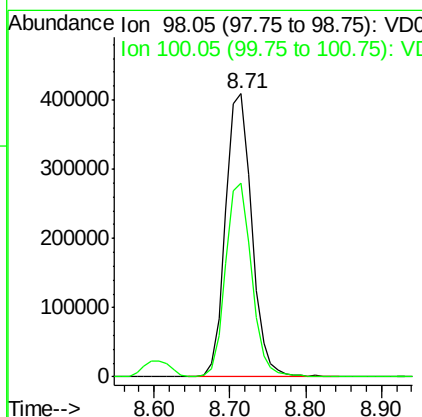
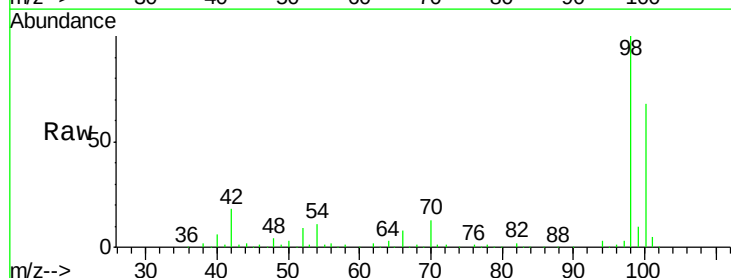
RT: 8.71 min Scan# 862

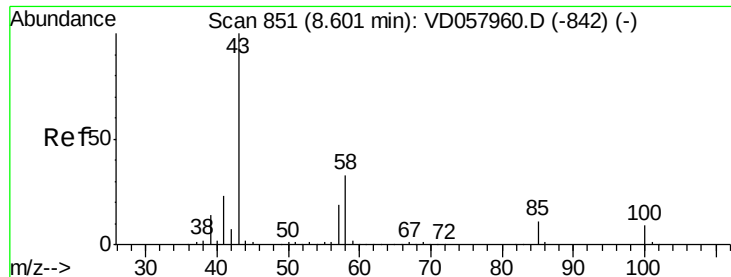
Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 981554 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 68.5  | 53.4  | 80.0   |





#51

4-Methyl-2-Pentanone

Concen: 111.053 ug/l

RT: 8.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion: 43 Resp: 637647

Ion Ratio Lower Upper

43 100

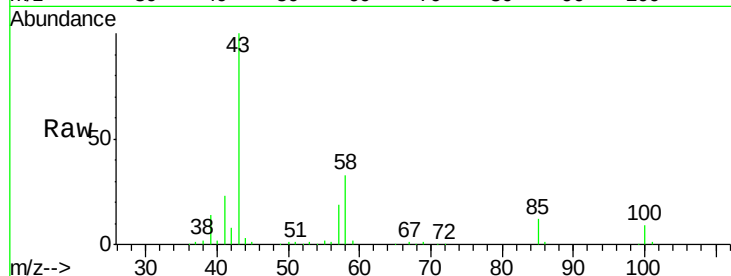
58 33.5 26.2 39.4

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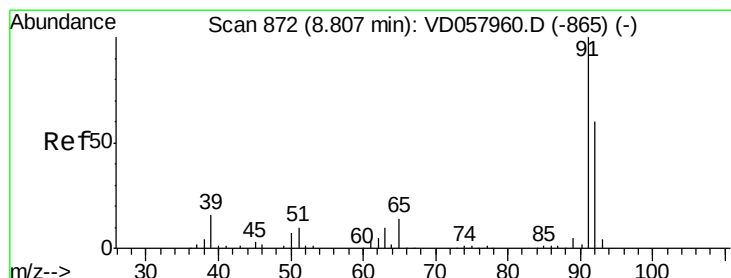
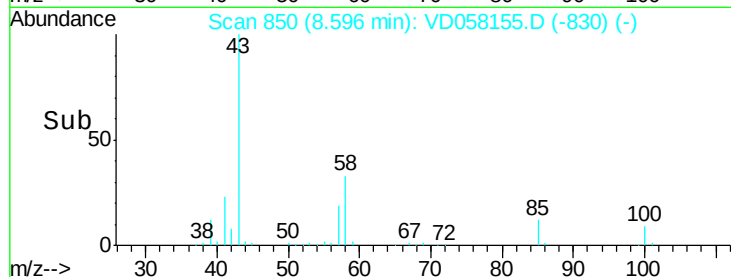
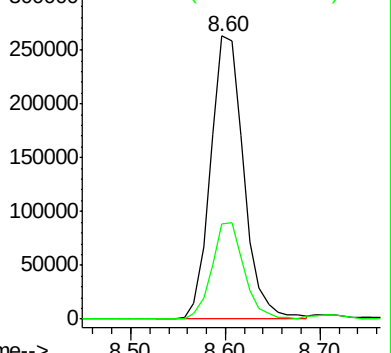
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 22.122 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.00 min

Lab File: VD058155.D

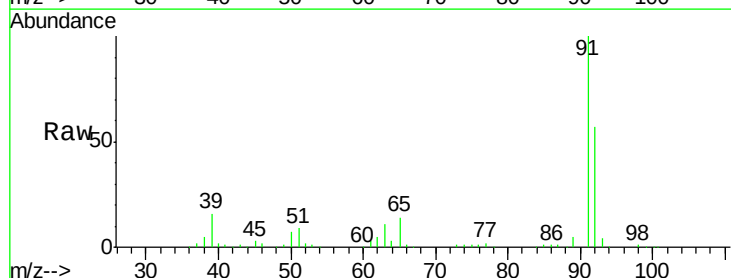
Acq: 15 Jun 2018 16:38

Tgt Ion: 92 Resp: 371481

Ion Ratio Lower Upper

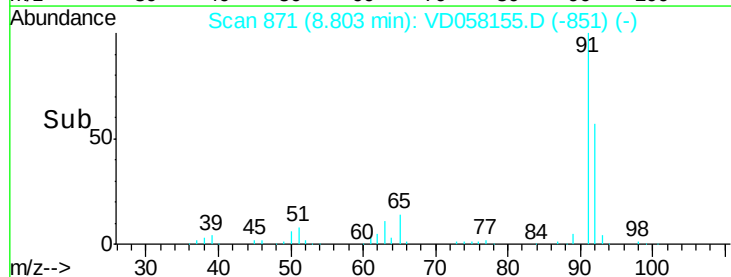
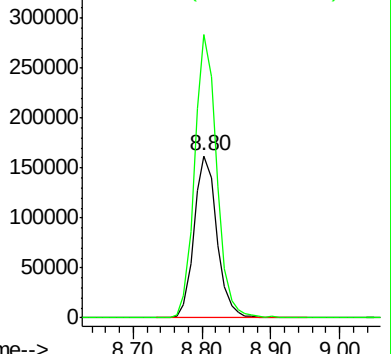
92 100

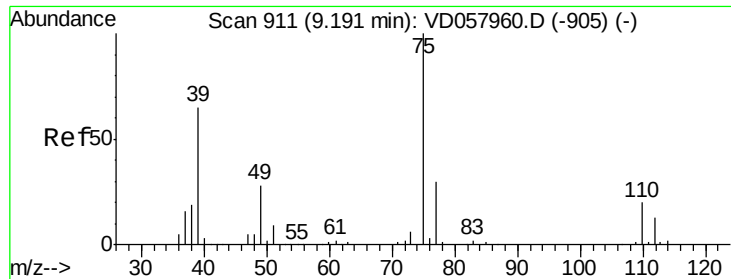
91 174.6 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





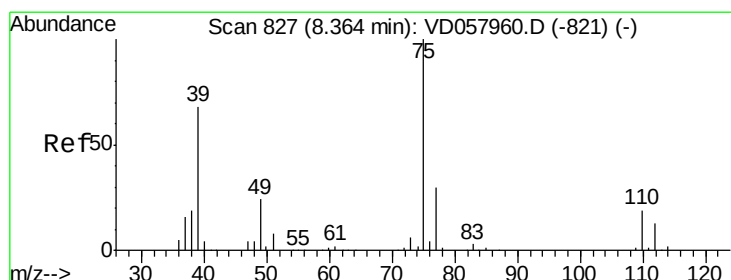
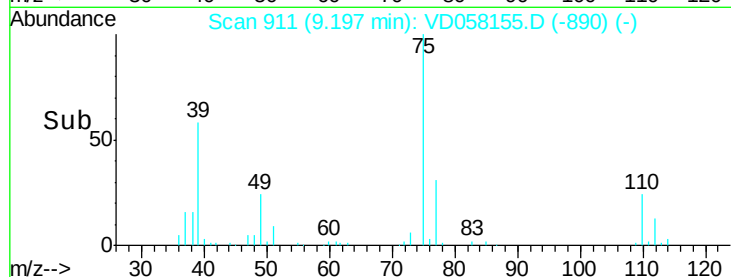
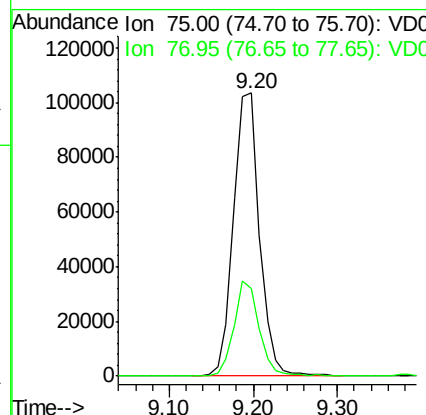
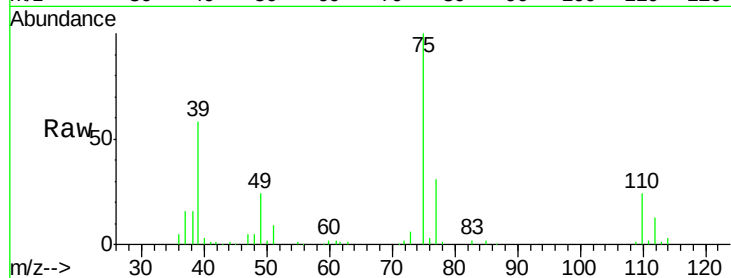
#53  
t-1,3-Dichloropropene  
Concen: 21.166 ug/l  
RT: 9.20 min Scan# 911  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 24.3  | 36.5  |

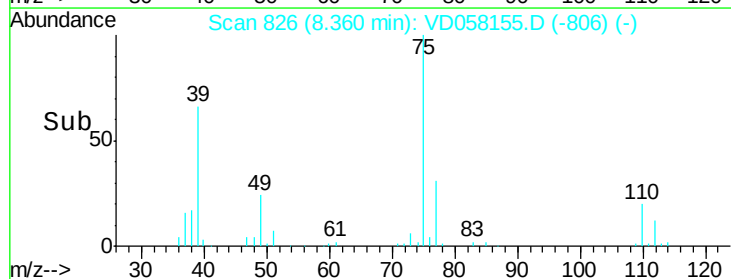
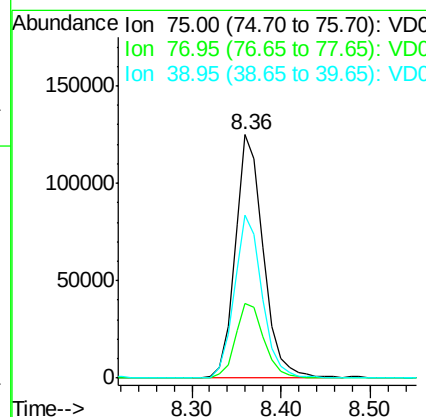
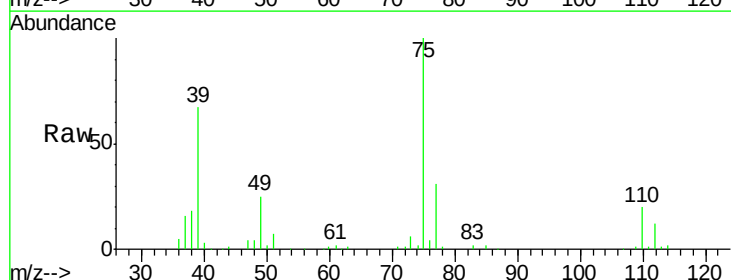
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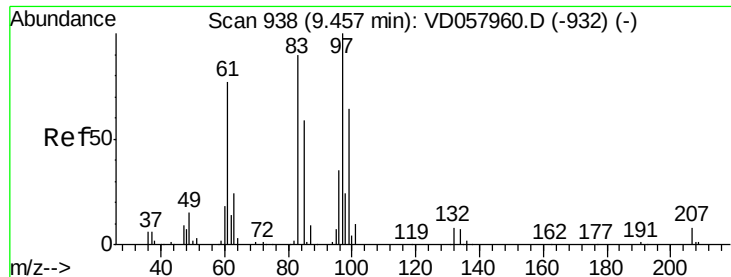


#54  
cis-1,3-Dichloropropene  
Concen: 22.147 ug/l  
RT: 8.36 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 24.1  | 36.1  |
| 39      | 67.1  | 54.0  | 81.0  |







#55

1,1,2-Trichloroethane

Concen: 23.013 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

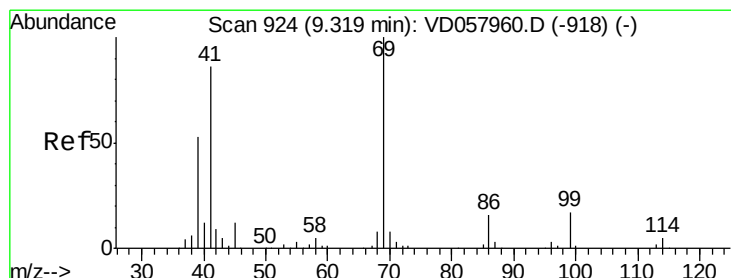
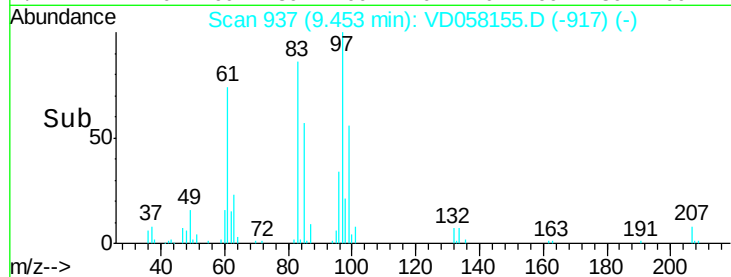
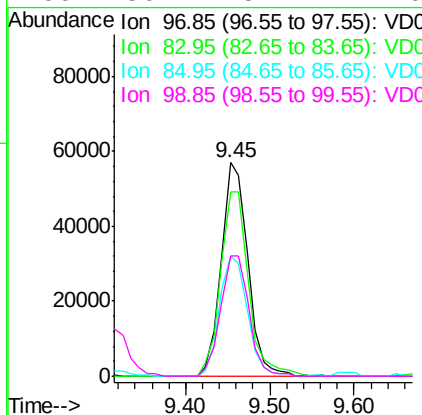
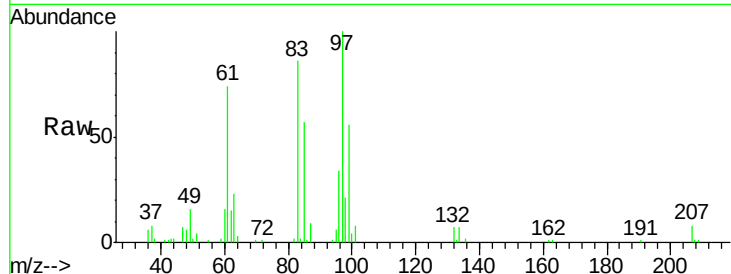
ClientSampleId :

VD0615SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 125070 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.2  | 71.8  | 107.8  |
| 85       | 56.6  | 47.2  | 70.8   |
| 99       | 56.1  | 51.4  | 77.0   |

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#56

Ethyl methacrylate

Concen: 21.377 ug/l

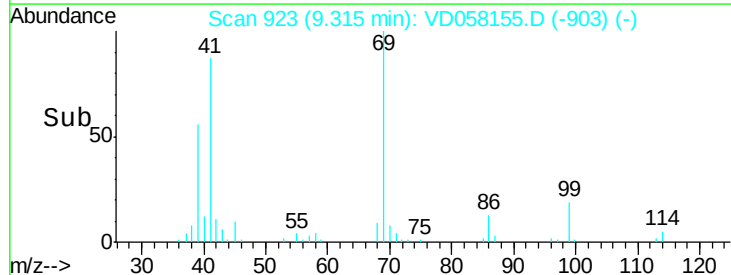
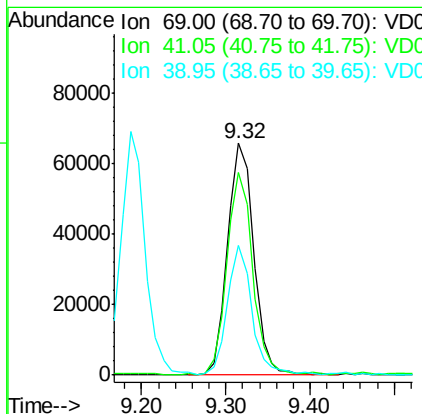
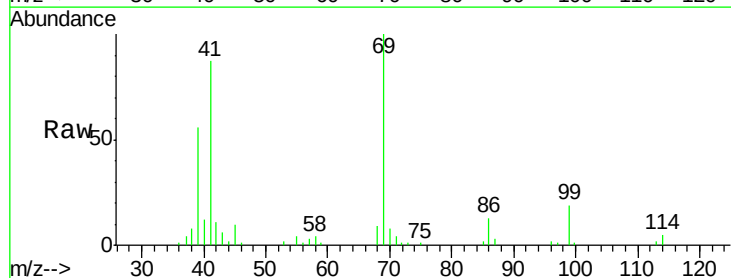
RT: 9.32 min Scan# 923

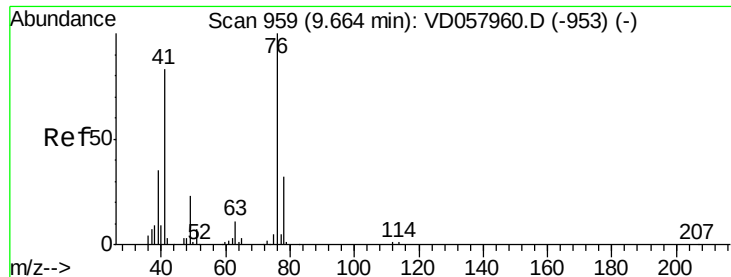
Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 142508 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 87.4  | 68.4  | 102.6  |
| 39       | 55.8  | 43.0  | 64.4   |





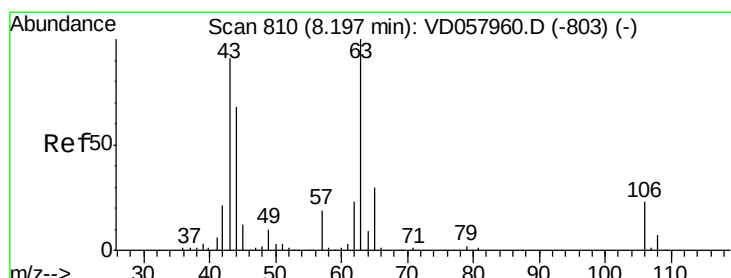
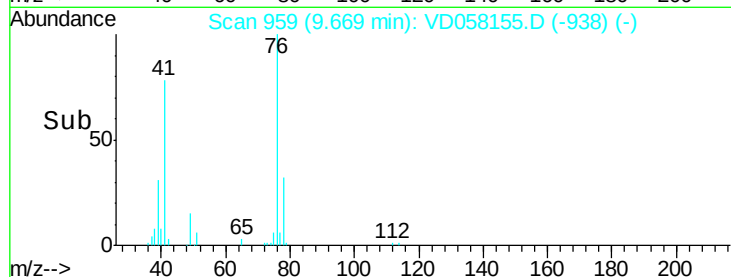
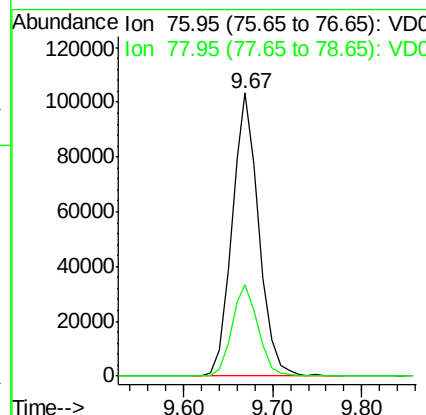
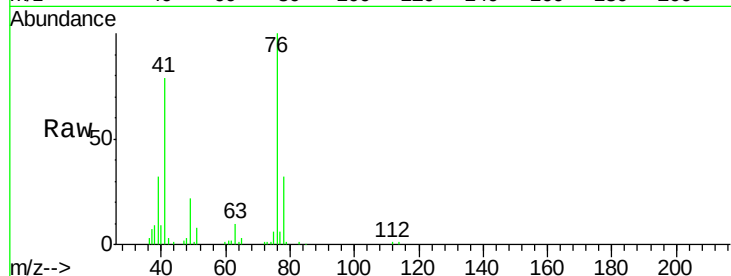
#57  
 1,3-Dichloropropane  
 Concen: 22.719 ug/l  
 RT: 9.67 min Scan# 959  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.4  | 25.4  | 38.2  |

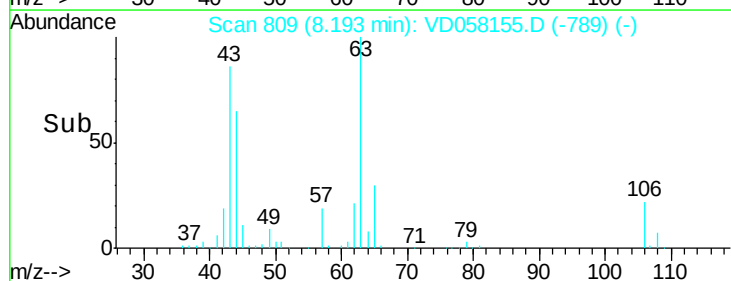
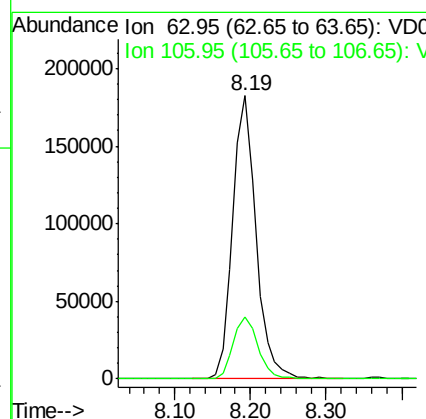
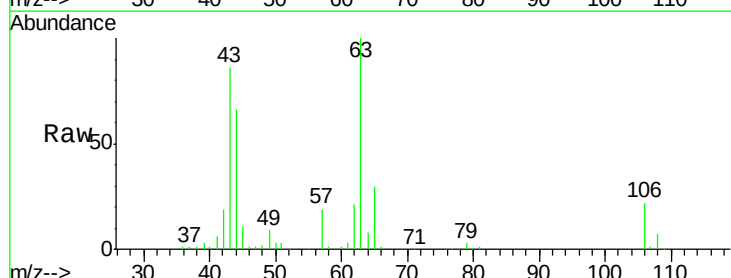
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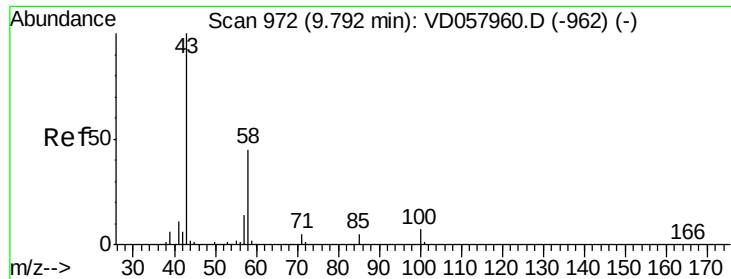
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 115.748 ug/l  
 RT: 8.19 min Scan# 809  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 22.0  | 18.7  | 28.1  |





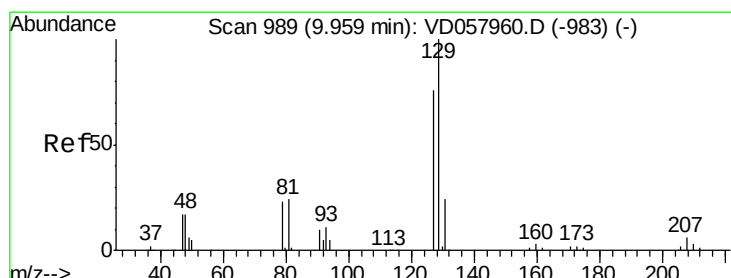
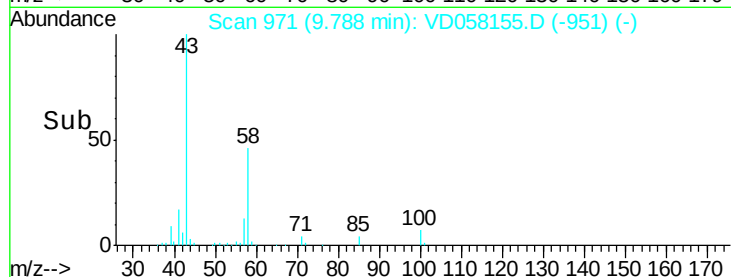
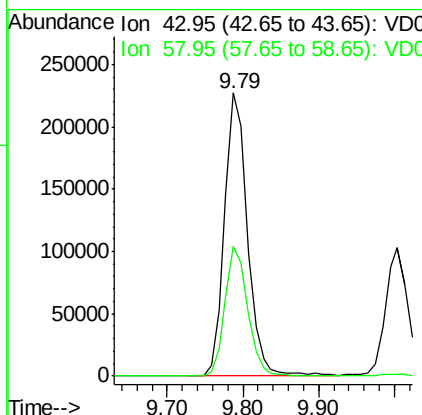
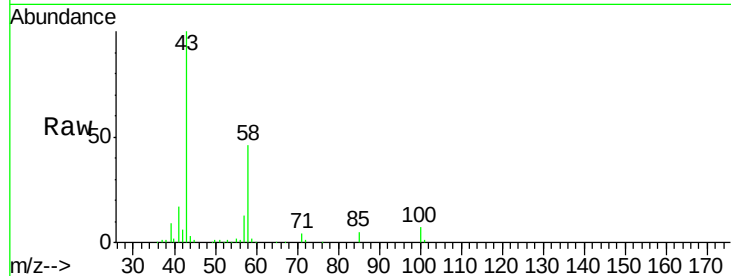
#59  
2-Hexanone  
Concen: 113.484 ug/l  
RT: 9.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion: 43 Resp: 477522  
Ion Ratio Lower Upper  
43 100  
58 46.1 22.5 67.5

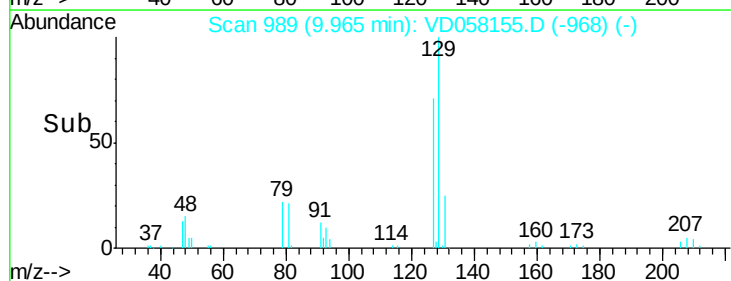
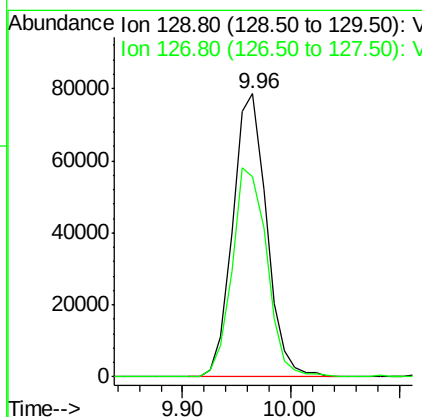
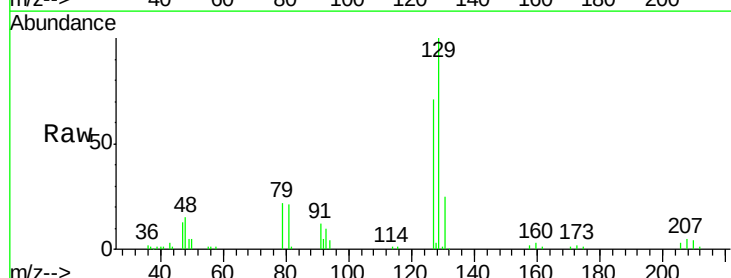
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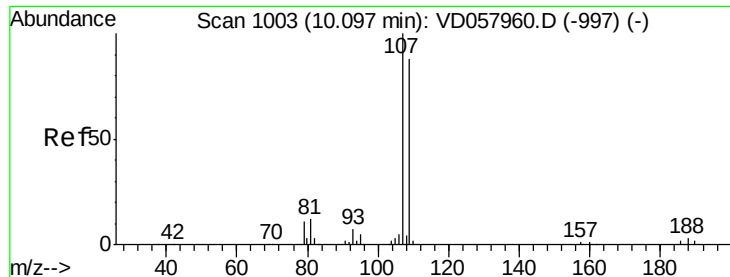
apatel  
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#60  
Dibromochloromethane  
Concen: 22.287 ug/l  
RT: 9.96 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion: 129 Resp: 170800  
Ion Ratio Lower Upper  
129 100  
127 70.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.910 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion:107 Resp: 136938

Ion Ratio Lower Upper

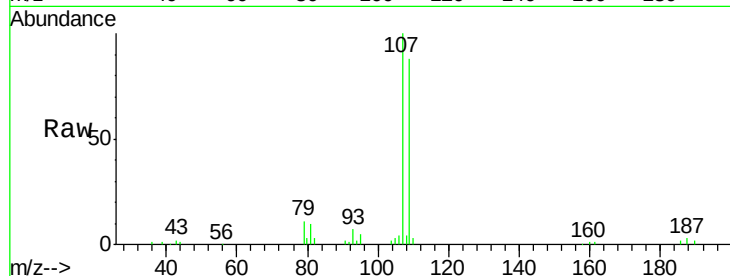
107 100

109 87.7 70.6 106.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.09

80000

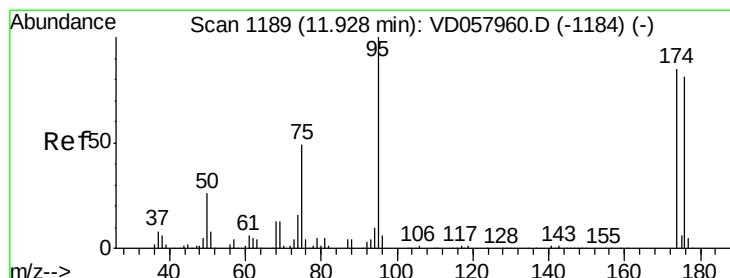
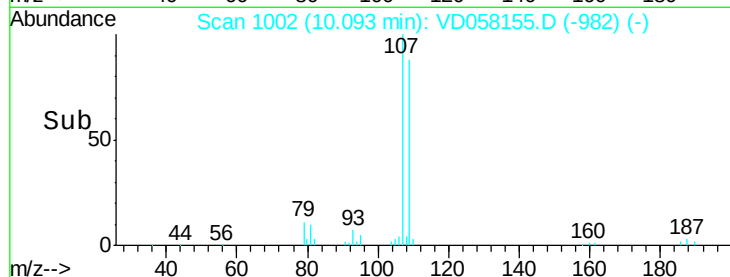
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 21.910 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

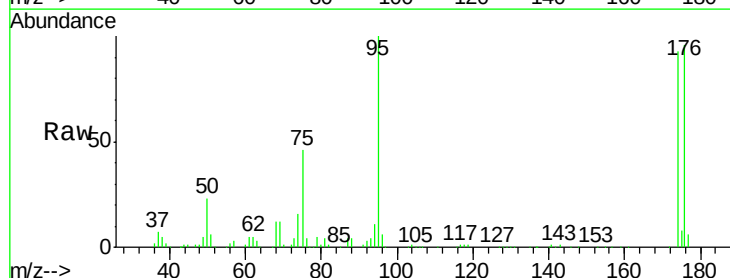
Tgt Ion: 95 Resp: 425543

Ion Ratio Lower Upper

95 100

174 93.2 0.0 169.4

176 96.3 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

11.93

400000

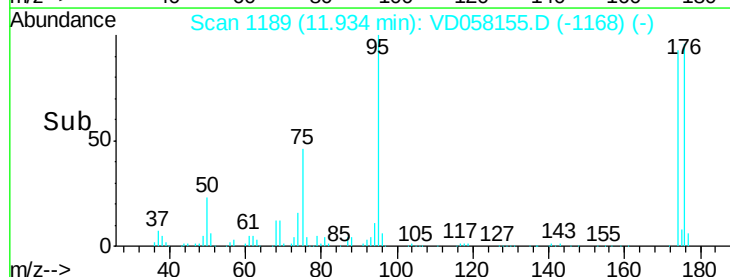
300000

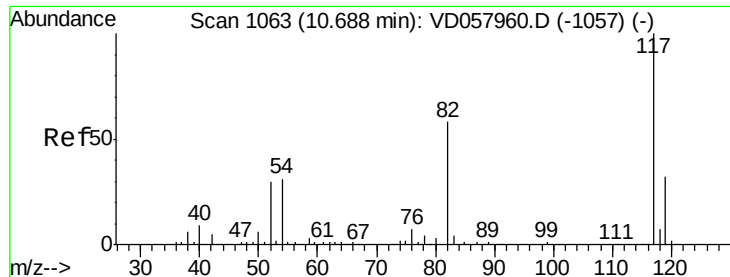
200000

100000

0

Time-->





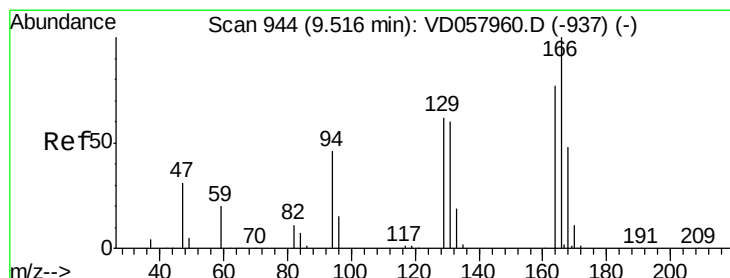
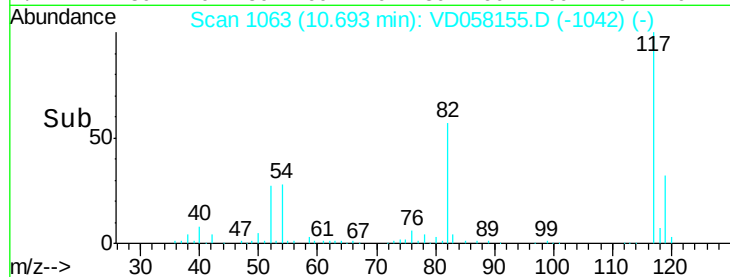
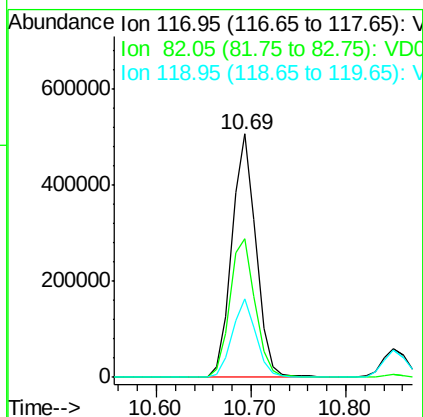
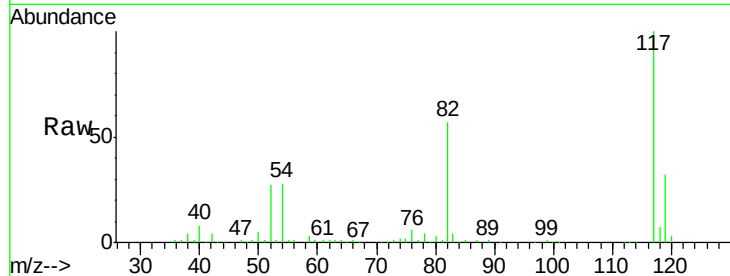
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.0  | 46.8  | 70.2  |
| 119     | 32.2  | 25.8  | 38.6  |

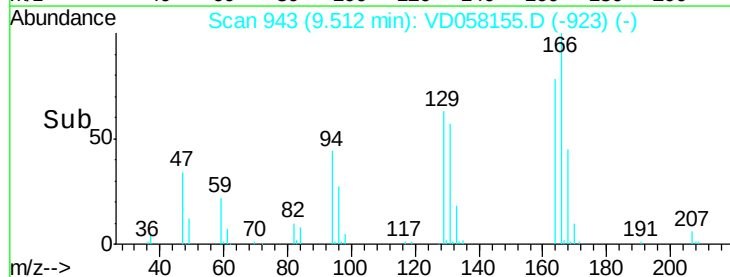
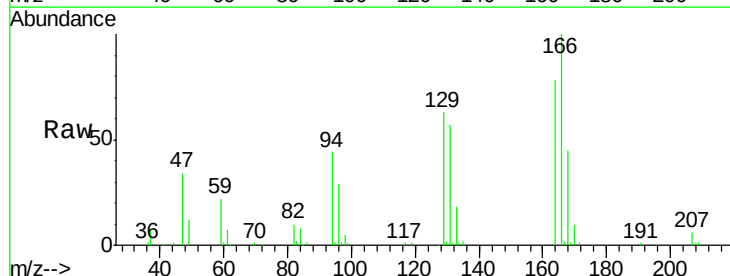
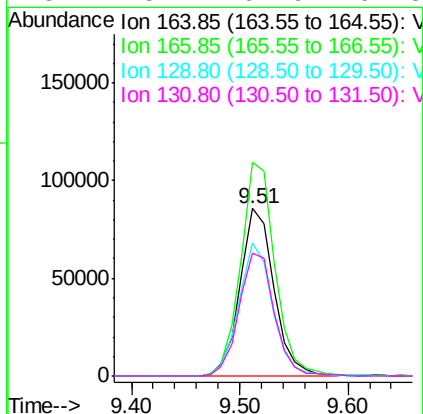
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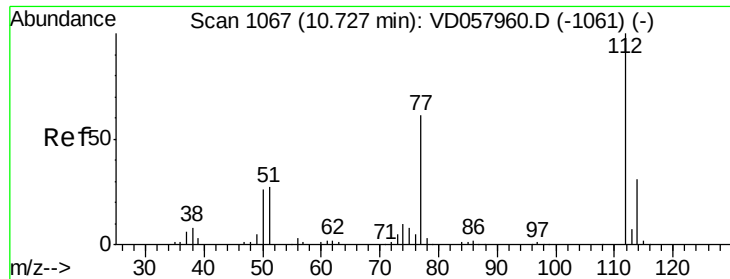
apatel  
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#64  
Tetrachloroethene  
Concen: 23.452 ug/l  
RT: 9.51 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.6 | 104.4 | 156.6 |
| 129     | 79.8  | 65.0  | 97.6  |
| 131     | 73.2  | 62.9  | 94.3  |





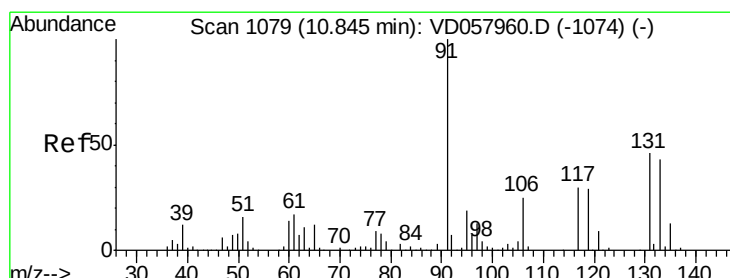
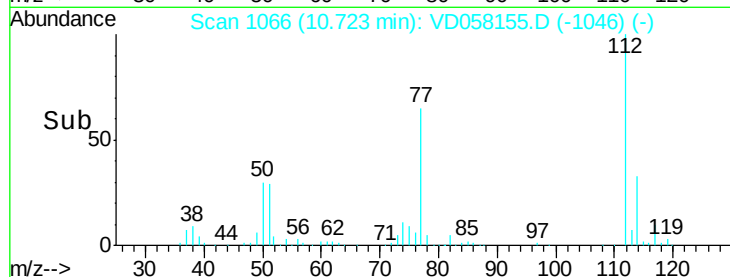
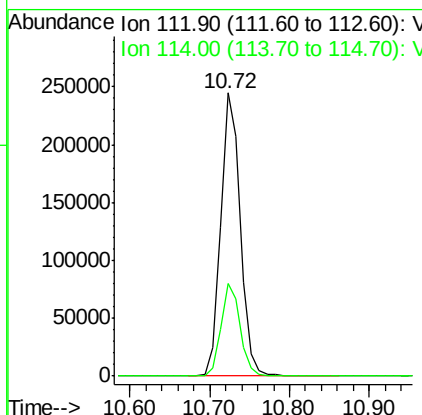
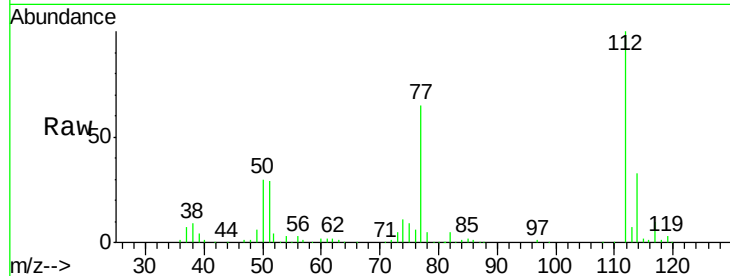
#65  
Chlorobenzene  
Concen: 23.490 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion:112 Resp: 425420  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.9 37.3

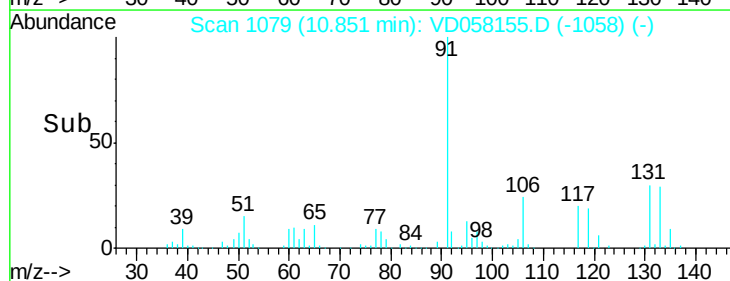
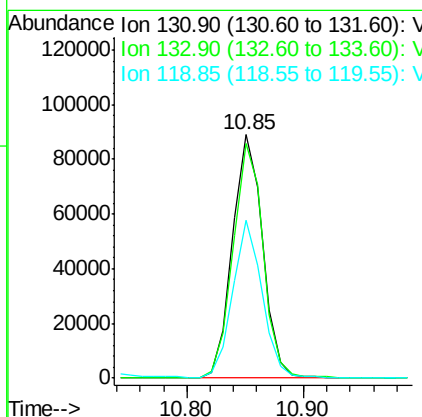
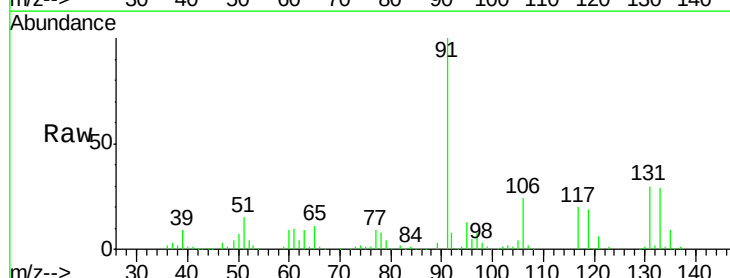
Manual Integrations  
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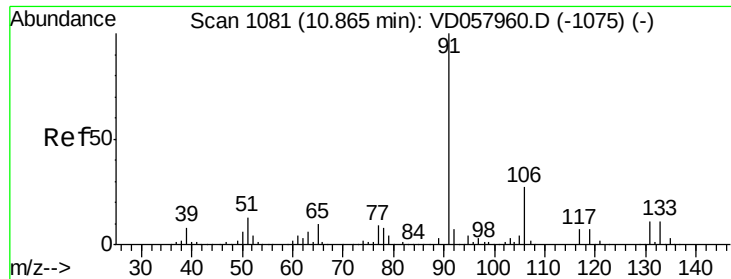
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.966 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion:131 Resp: 159800  
Ion Ratio Lower Upper  
131 100  
133 96.4 46.9 140.6  
119 64.8 31.8 95.3





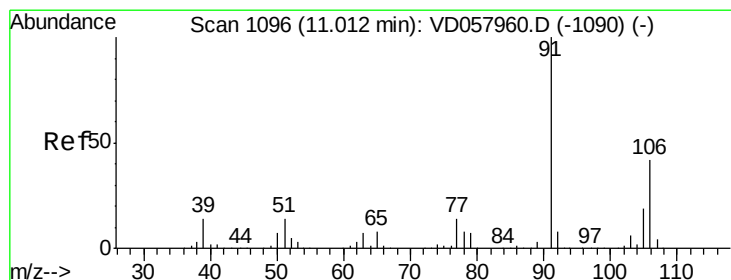
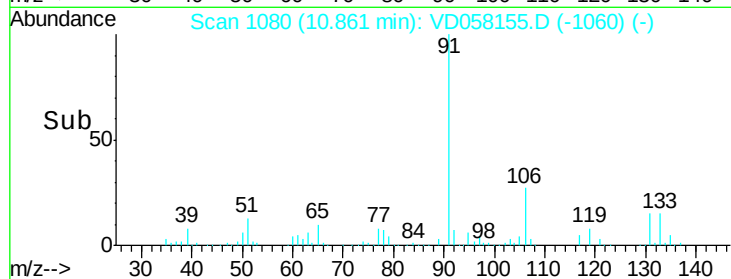
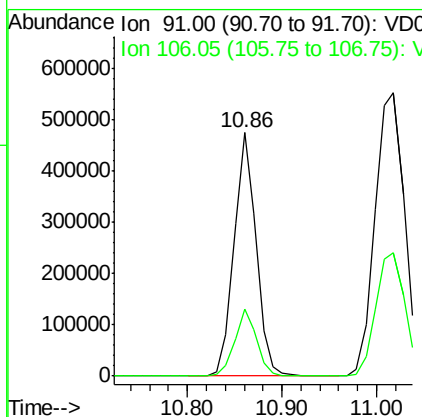
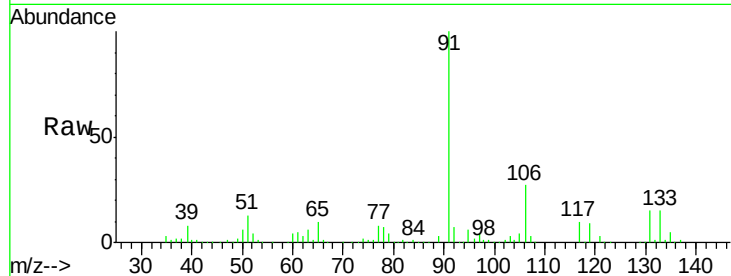
#67  
Ethyl Benzene  
Concen: 23.479 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion: 91 Resp: 768220  
Ion Ratio Lower Upper  
91 100  
106 27.4 21.5 32.3

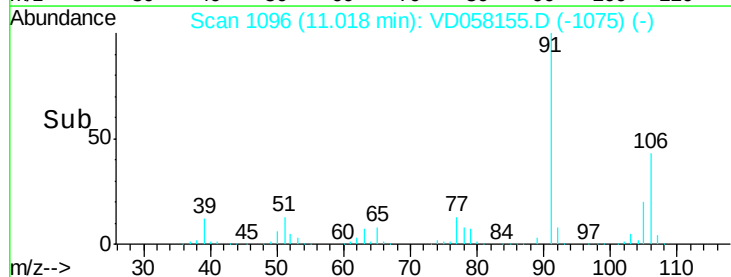
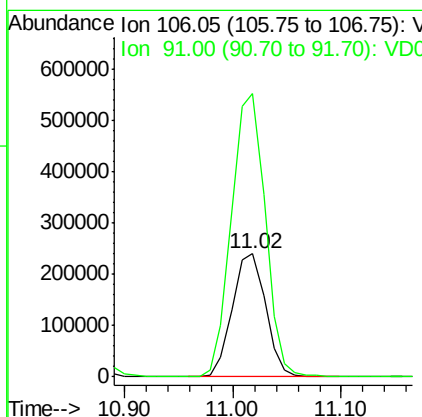
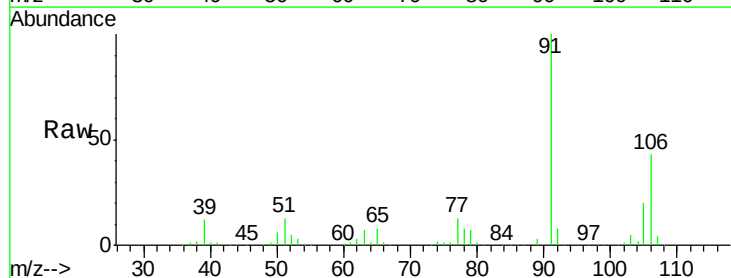
Manual Integrations  
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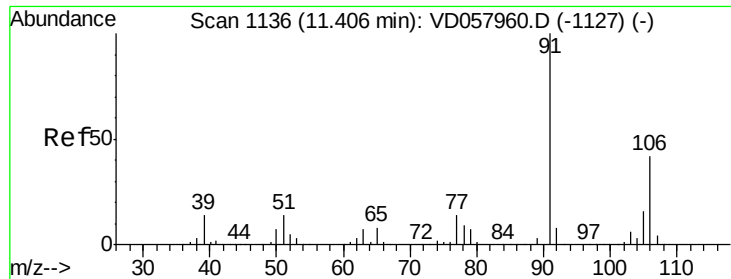
apatel  
6/18/2018 2:07:35 PM



#68  
m/p-Xylenes  
Concen: 48.674 ug/l  
RT: 11.02 min Scan# 1096  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion: 106 Resp: 519170  
Ion Ratio Lower Upper  
106 100  
91 230.1 190.4 285.6





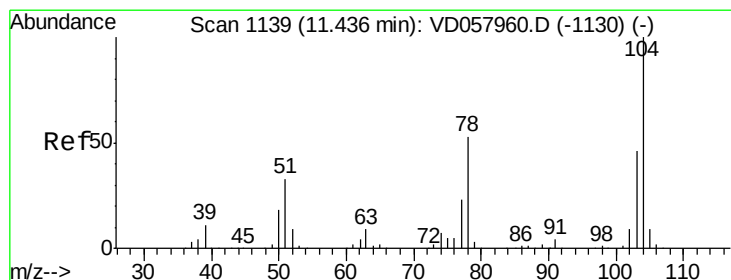
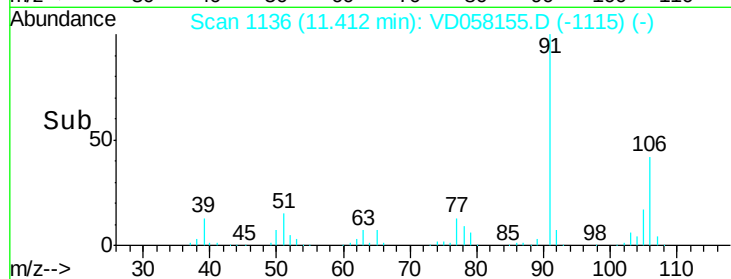
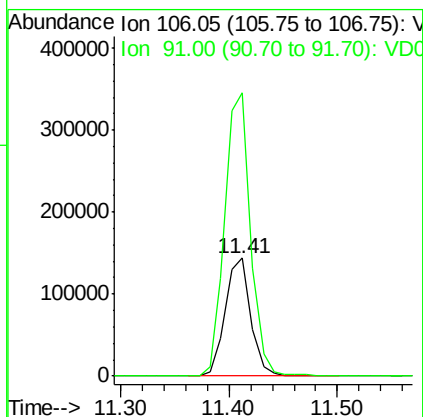
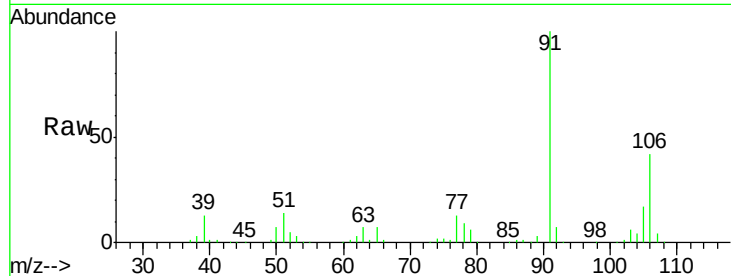
#69  
o-Xylene  
Concen: 22.393 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion:106 Resp: 237087  
Ion Ratio Lower Upper  
106 100  
91 239.4 120.6 361.7

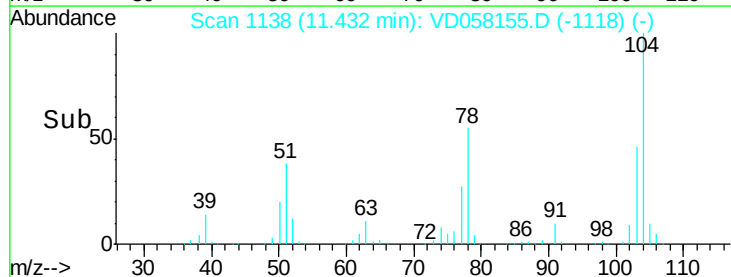
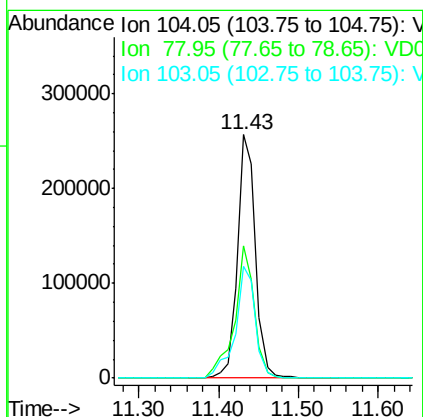
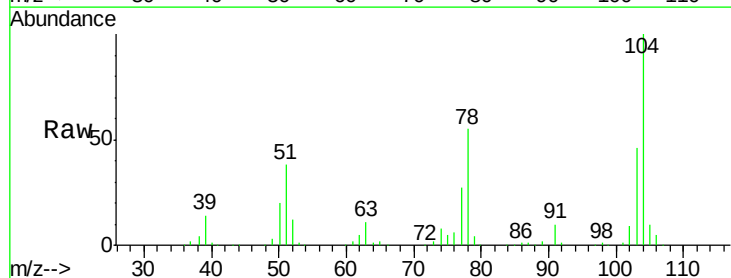
Manual Integrations  
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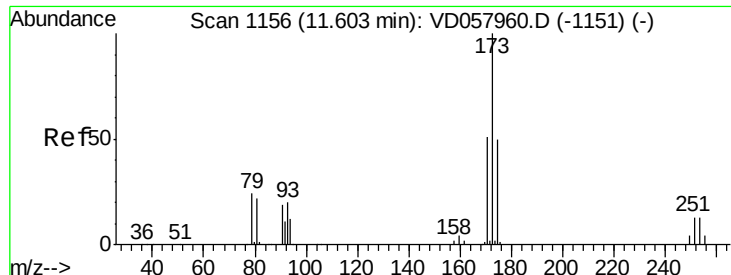


#70  
Styrene  
Concen: 23.103 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion:104 Resp: 404932  
Ion Ratio Lower Upper  
104 100  
78 54.5 42.1 63.1  
103 46.1 37.0 55.6







#71

Bromoform

Concen: 22.351 ug/l

RT: 11.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

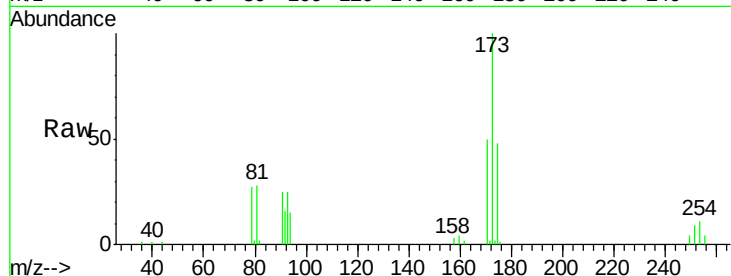
ClientSampleId :

VD0615SBS01

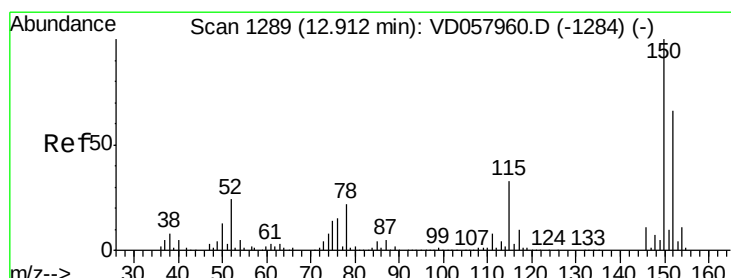
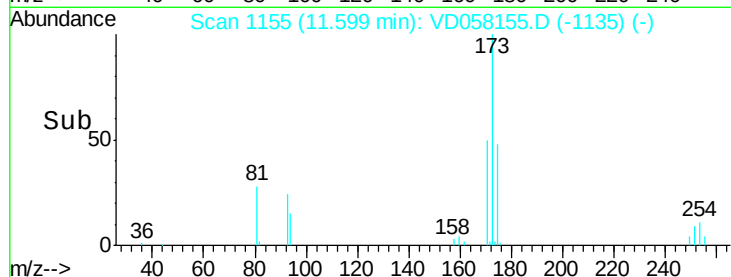
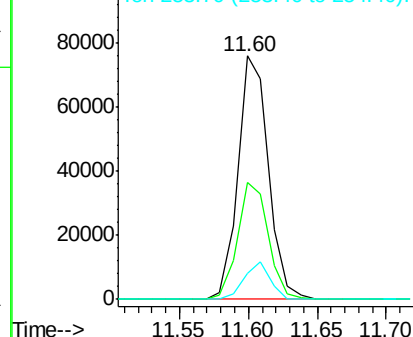
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.8  | 25.1  | 75.2  |
| 254     | 10.9  | 10.7  | 16.1  |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

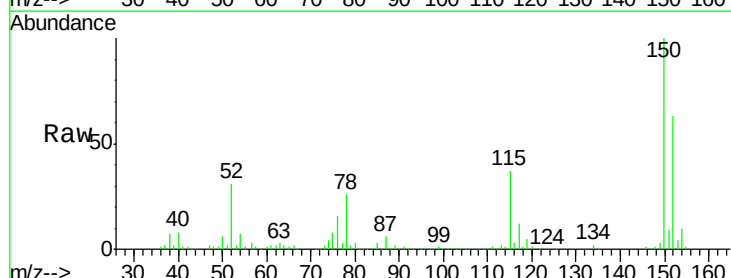
RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

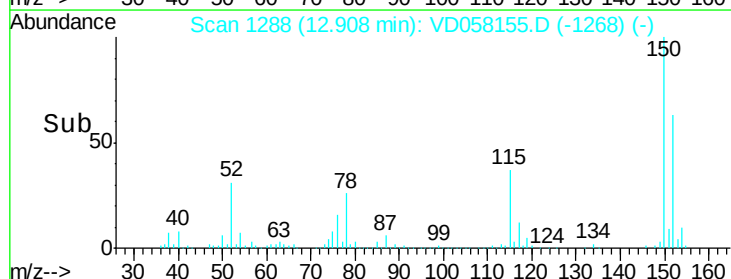
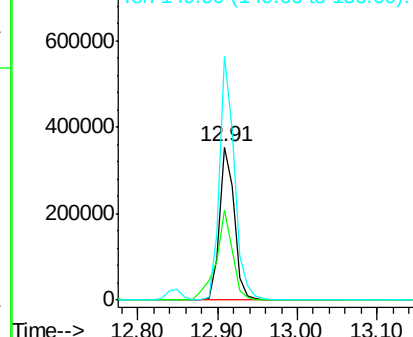
Lab File: VD058155.D

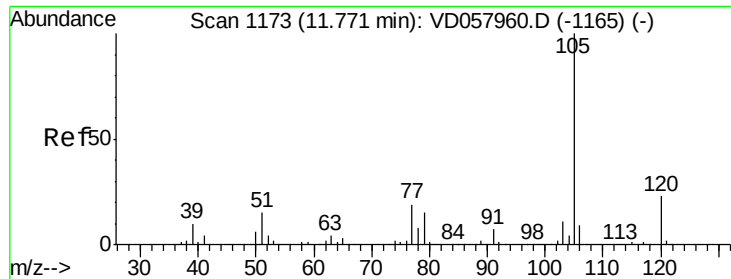
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.6  | 25.6  | 76.6  |
| 150     | 159.1 | 0.0   | 306.8 |



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





#73

Isopropylbenzene

Concen: 22.488 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0615SBS01

Tot Ion:105 Resp: 699458

Ion Ratio Lower Upper

105 100

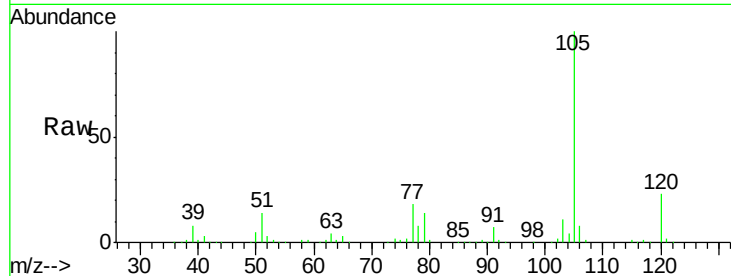
120 22.6 11.3 33.9

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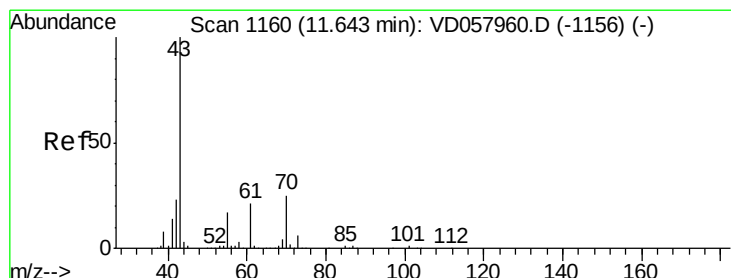
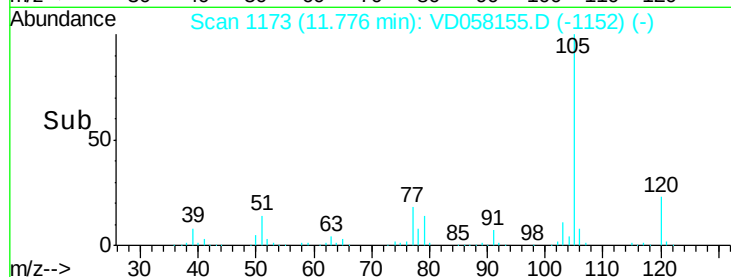
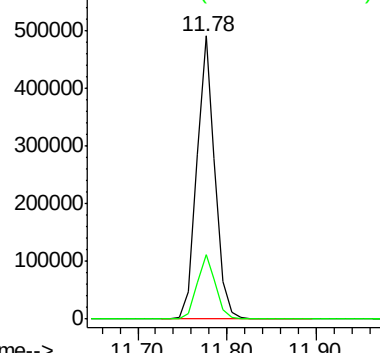
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 21.285 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Tgt Ion: 43 Resp: 255462

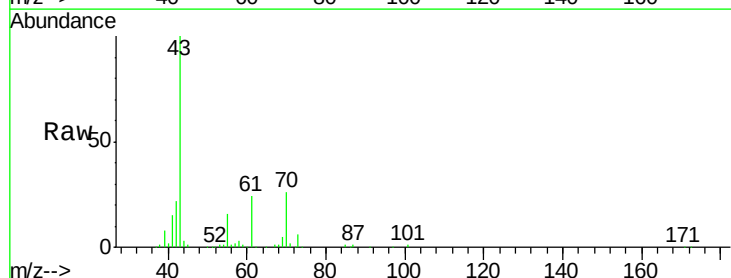
Ion Ratio Lower Upper

43 100

70 26.1 20.3 30.5

55 16.1 13.9 20.9

61 24.2 16.6 24.8

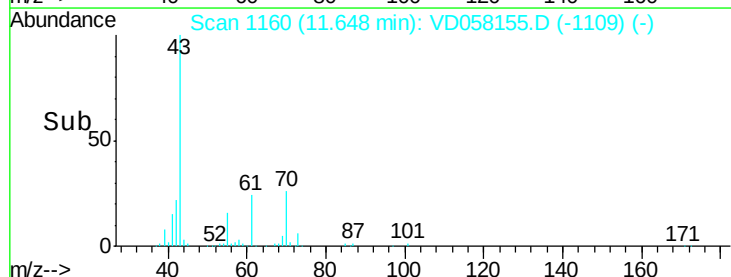
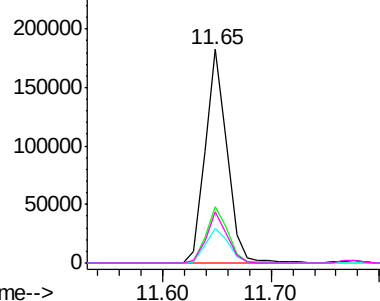


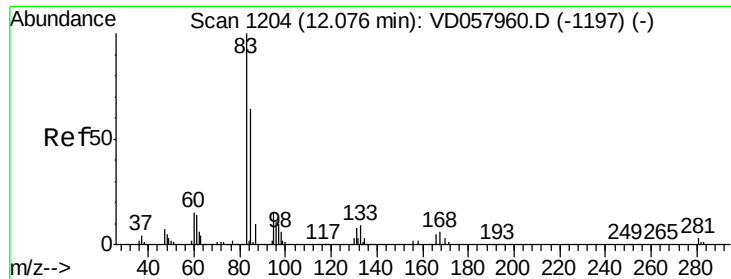
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 21.617 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

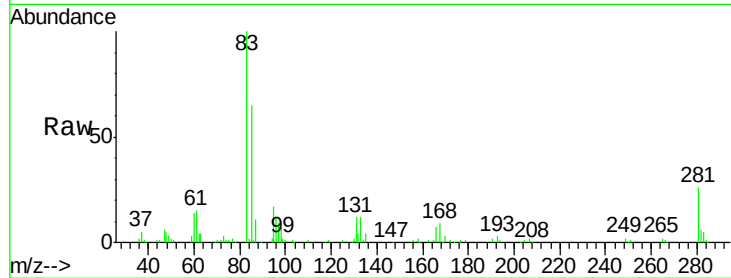
ClientSampleId :

VD0615SBS01

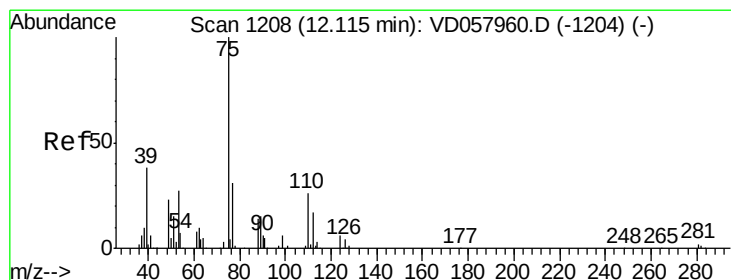
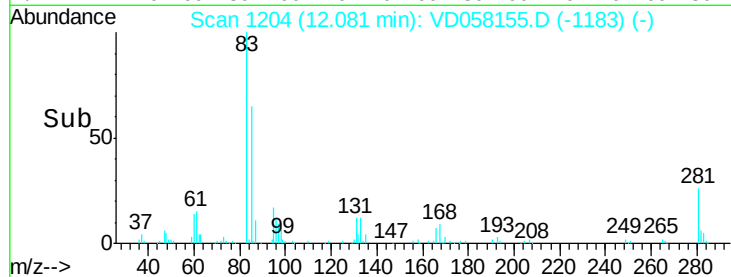
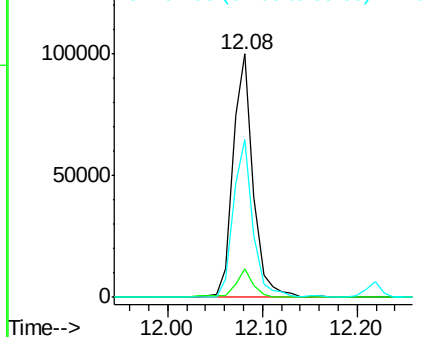
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 146592 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.7  | 4.2   | 12.6   |
| 85        | 65.0  | 31.9  | 95.5   |

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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: 21.985 ug/l

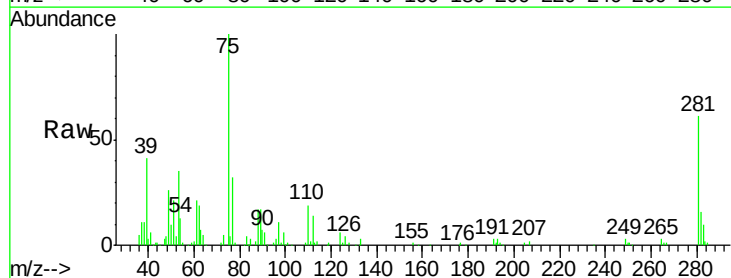
RT: 12.11 min Scan# 1207

Delta R.T. -0.00 min

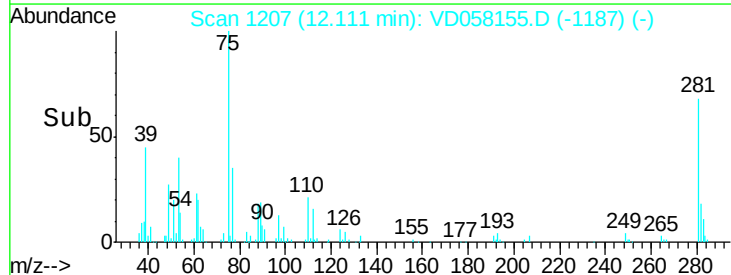
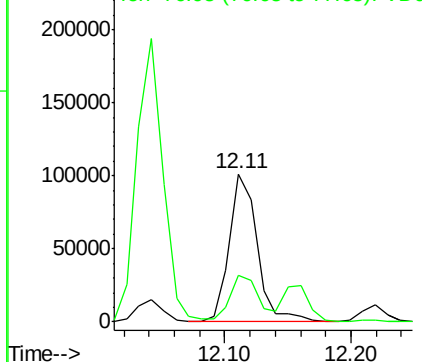
Lab File: VD058155.D

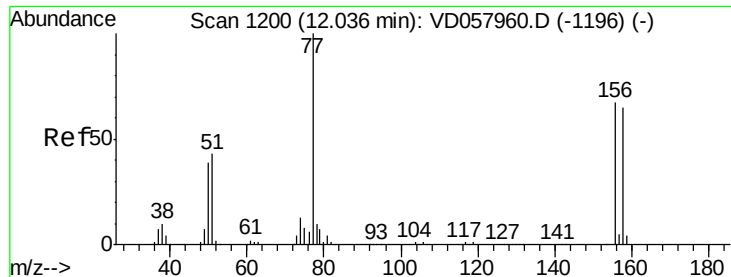
Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 155081 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 31.8  | 16.7  | 50.1   |



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





#77

Bromobenzene

Concen: 21.804 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

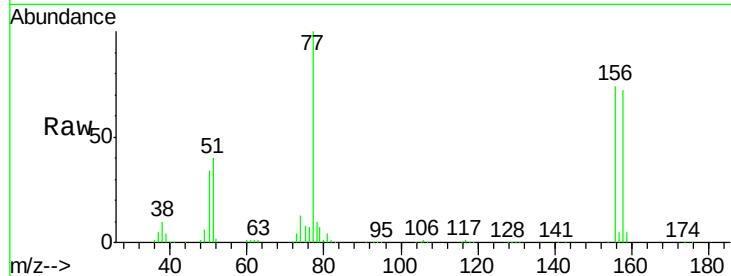
ClientSampleId :

VD0615SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 200745 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 134.7 | 75.0  | 224.8  |
| 158       | 97.5  | 48.6  | 145.9  |

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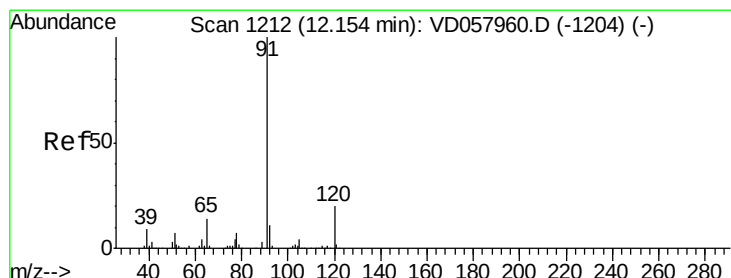
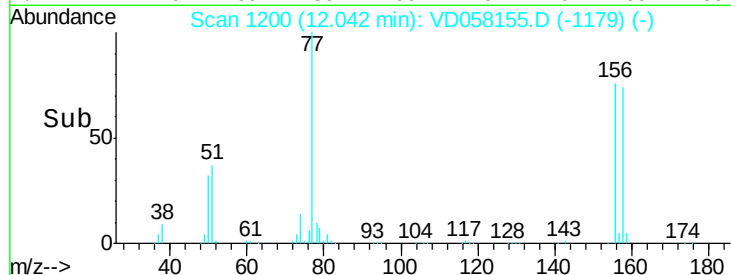
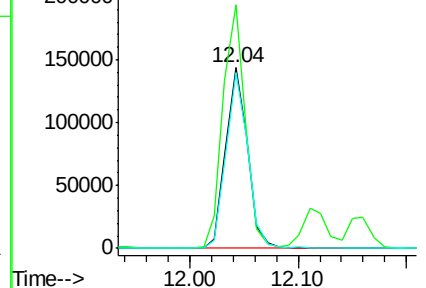
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Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.666 ug/l

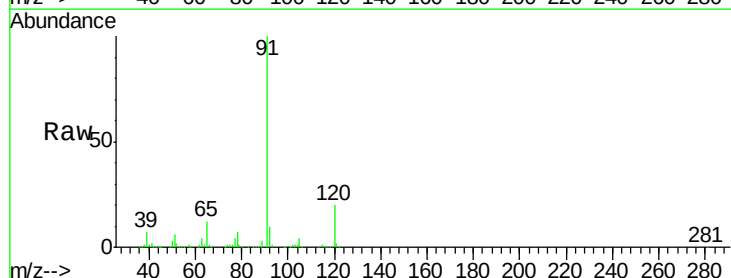
RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058155.D

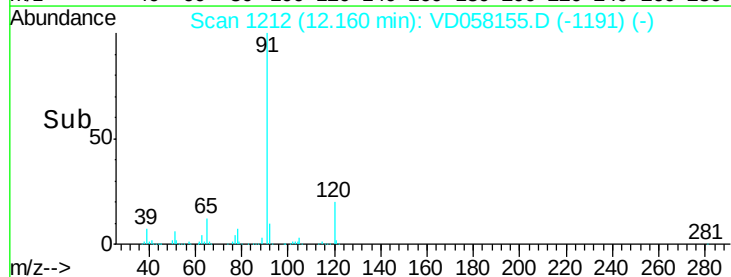
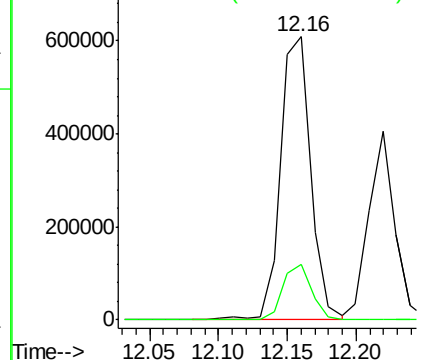
Acq: 15 Jun 2018 16:38

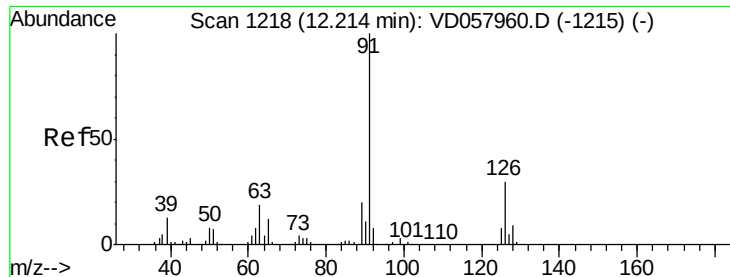
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 917405 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 19.6  | 9.8   | 29.4   |



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





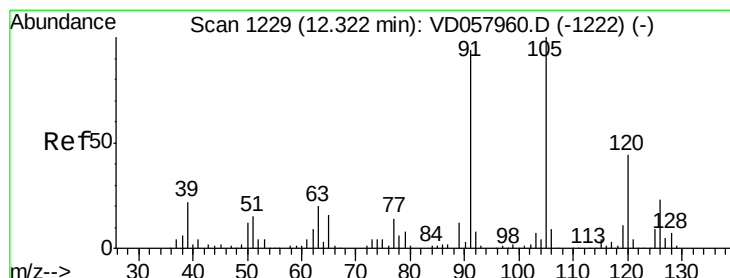
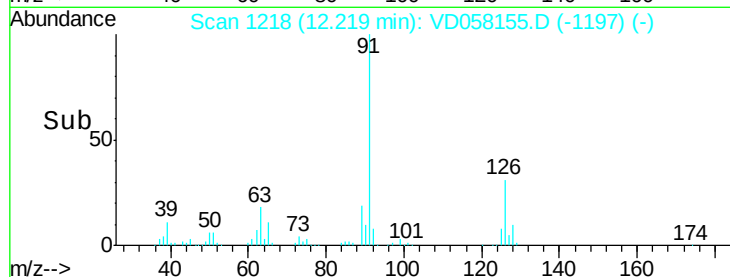
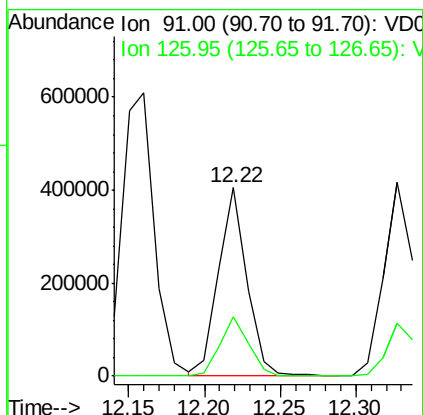
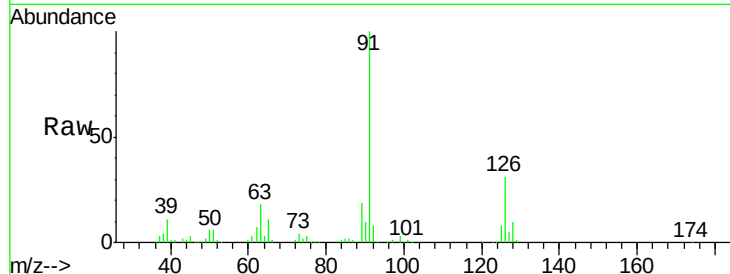
#79  
2-Chlorotoluene  
Concen: 22.913 ug/l  
RT: 12.22 min Scan# 1218  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

Tot Ion: 91 Resp: 529059  
Ion Ratio Lower Upper  
91 100  
126 31.4 14.6 44.0

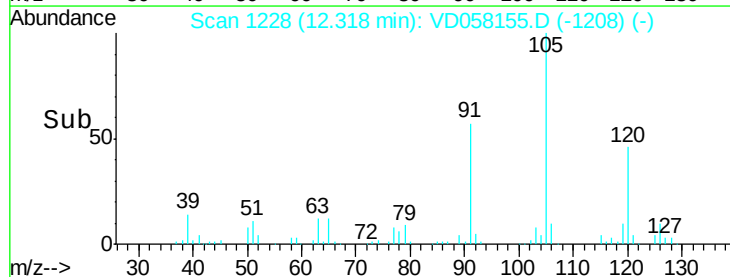
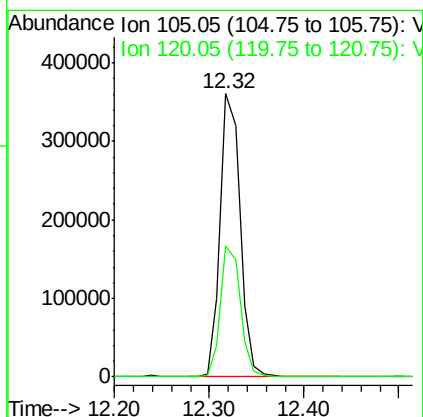
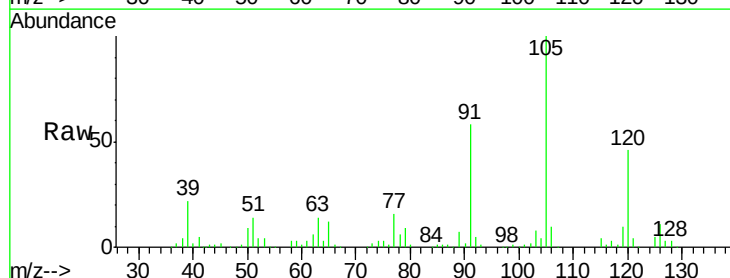
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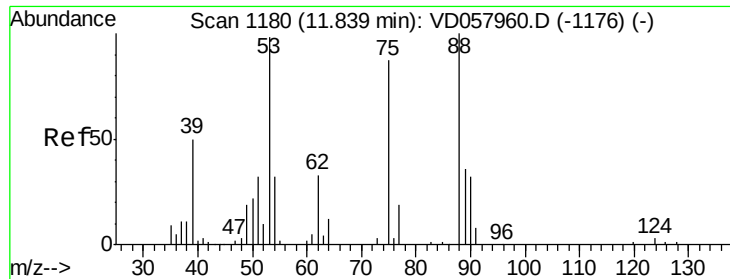
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.892 ug/l  
RT: 12.32 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Tgt Ion: 105 Resp: 531022  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.0 66.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.584 ug/l

RT: 11.85 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

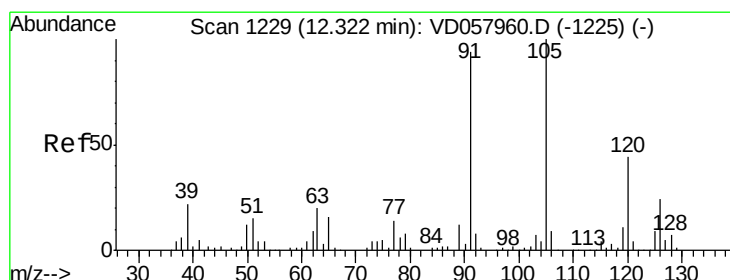
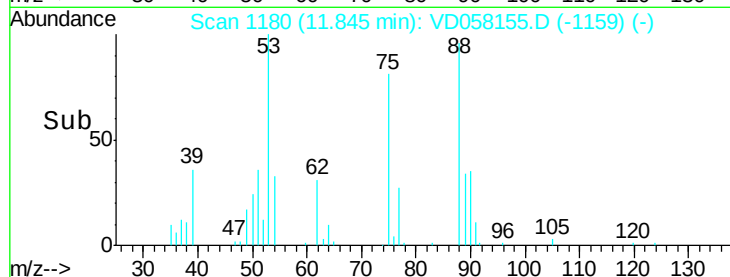
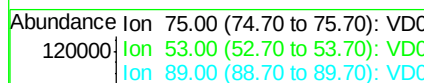
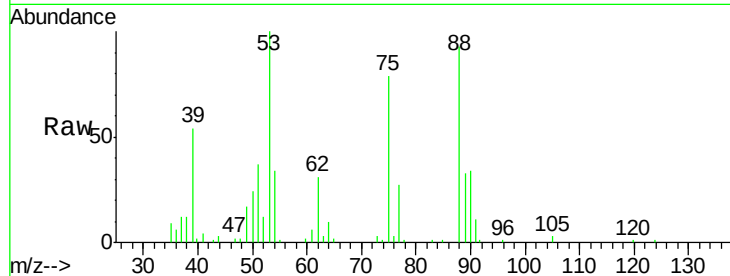
ClientSampleId :

VD0615SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 39458 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 126.8 | 89.3  | 133.9 |
| 89       | 41.3  | 33.3  | 49.9  |

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#82

4-Chlorotoluene

Concen: 23.701 ug/l

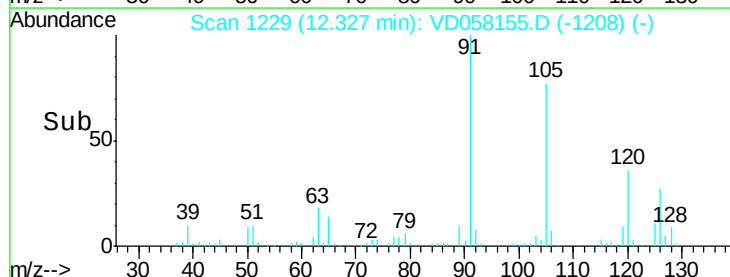
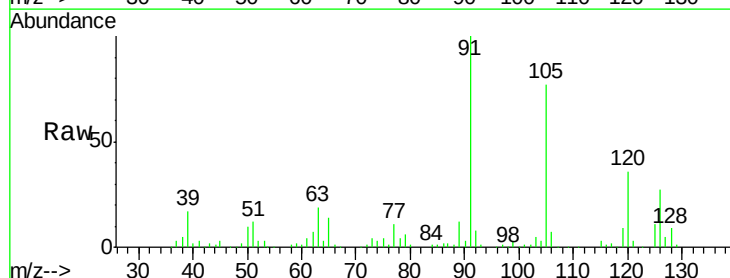
RT: 12.33 min Scan# 1229

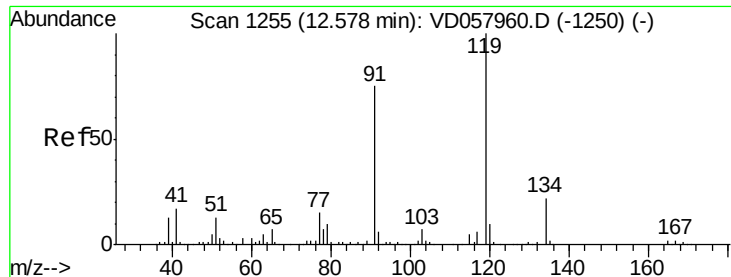
Delta R.T. 0.01 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 569804 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.5  | 12.5  | 37.5   |





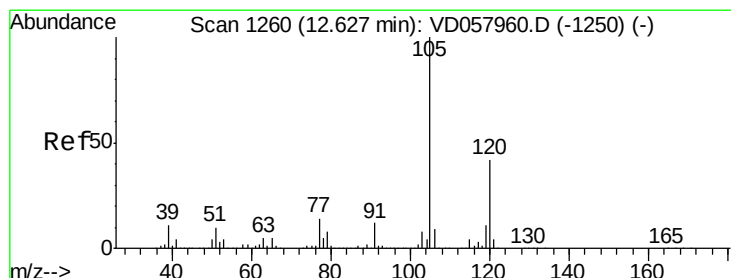
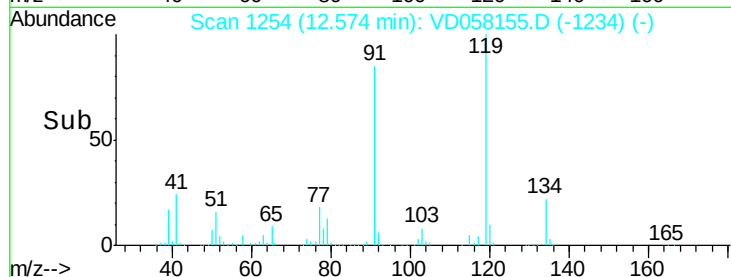
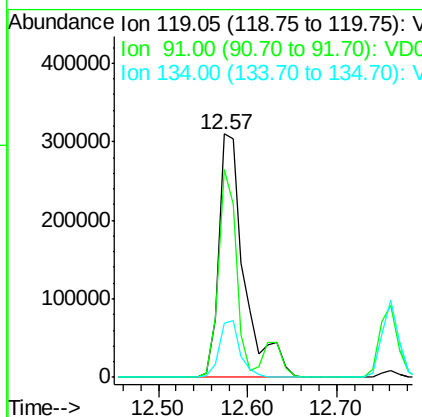
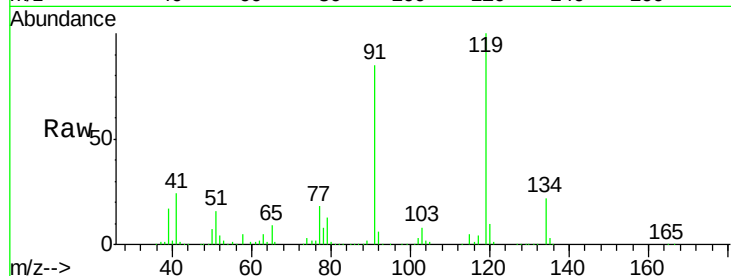
#83  
 tert-Butylbenzene  
 Concen: 22.805 ug/l  
 RT: 12.57 min Scan# 1254  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 85.4  | 37.6  | 112.9 |
| 134     | 22.0  | 11.2  | 33.5  |

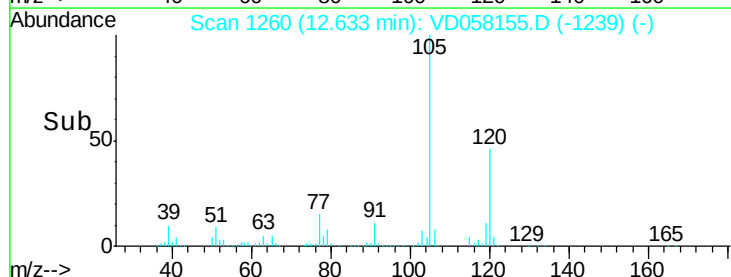
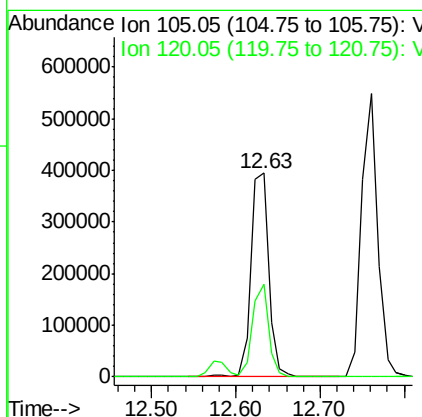
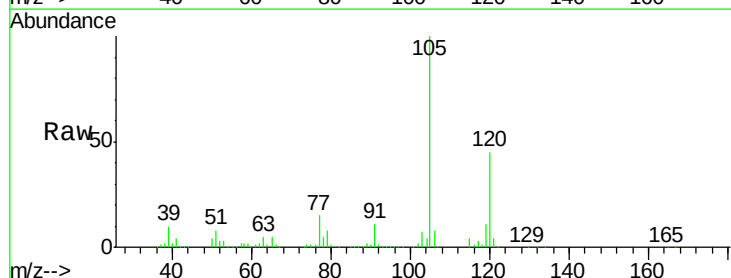
Manual Integrations  
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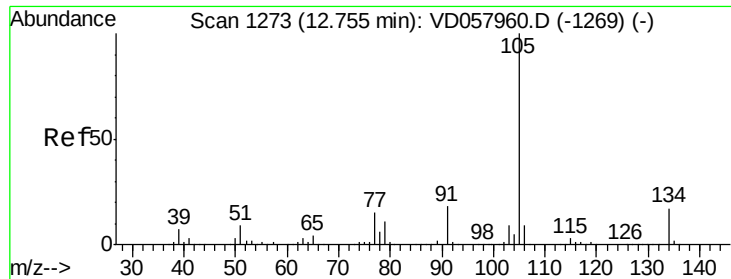
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.510 ug/l  
 RT: 12.63 min Scan# 1260  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.4  | 21.2  | 63.6  |





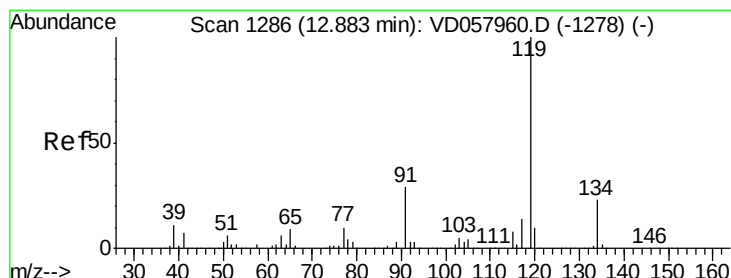
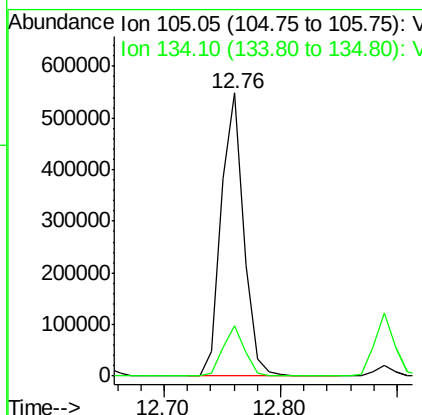
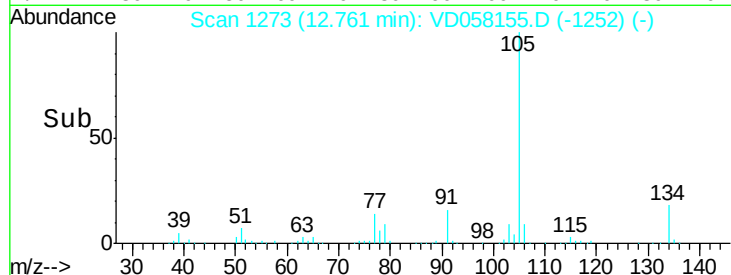
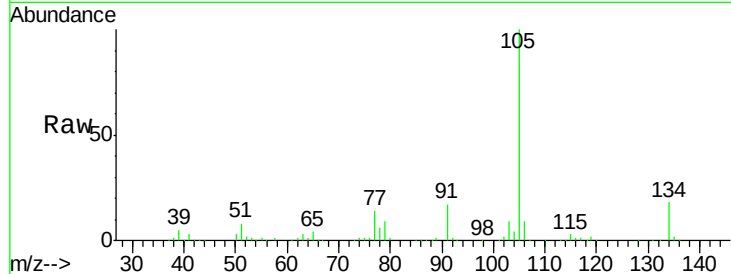
#85  
 sec-Butylbenzene  
 Concen: 22.232 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

Tot Ion:105 Resp: 734874  
 Ion Ratio Lower Upper  
 105 100  
 134 18.0 8.3 25.1

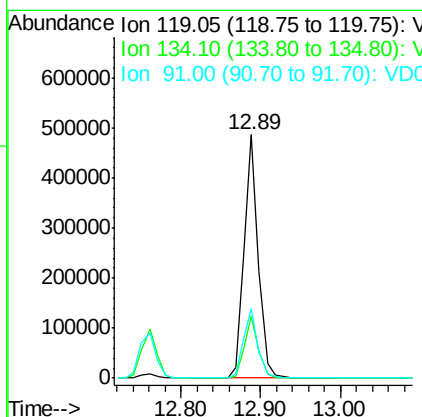
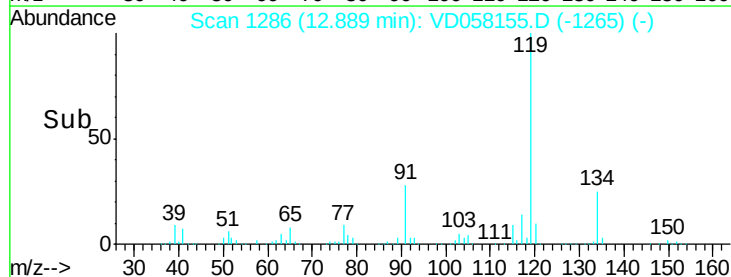
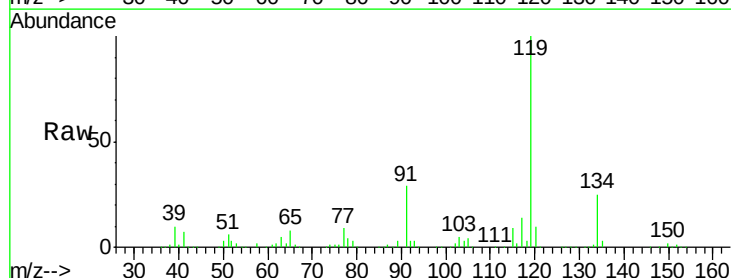
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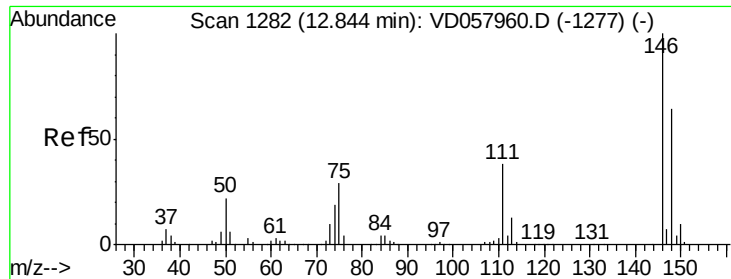


#86  
 p-Isopropyltoluene  
 Concen: 22.407 ug/l  
 RT: 12.89 min Scan# 1286  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Tgt Ion:119 Resp: 596970  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 11.5 34.4  
 91 28.5 14.5 43.6







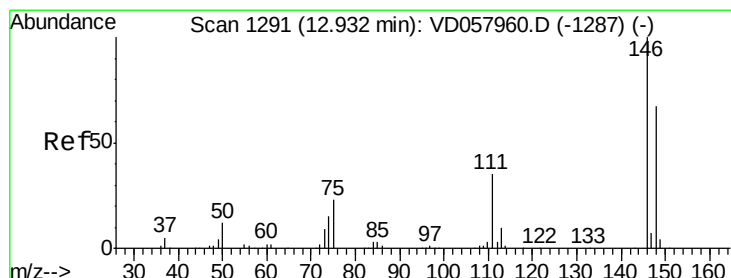
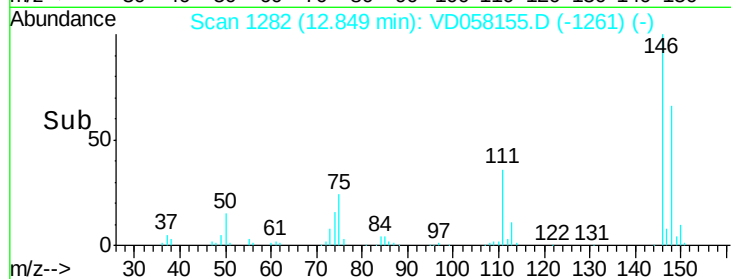
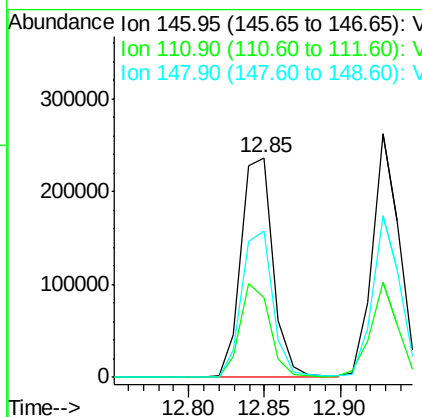
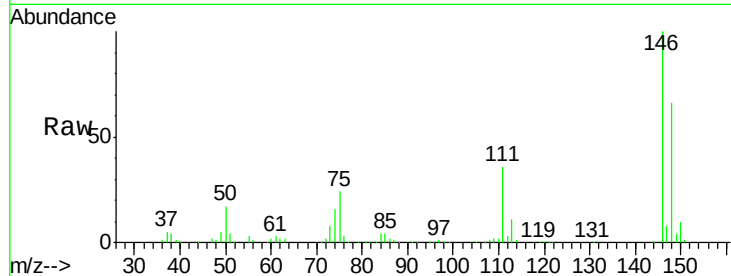
#87  
 1,3-Dichlorobenzene  
 Concen: 22.387 ug/l  
 RT: 12.85 min Scan# 1282  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 348666 |       |       |
| 111     | 36.2  | 19.1   | 57.3  |       |
| 148     | 66.5  | 32.0   | 96.2  |       |

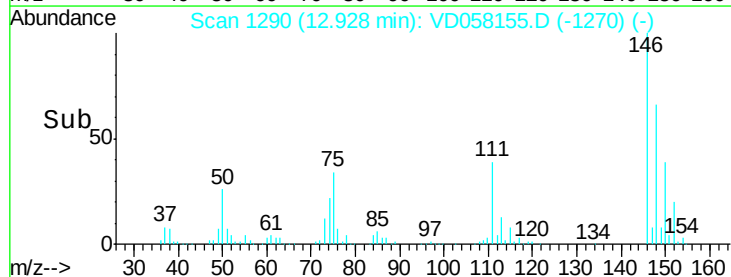
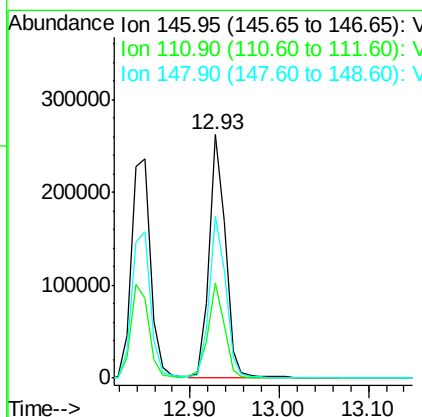
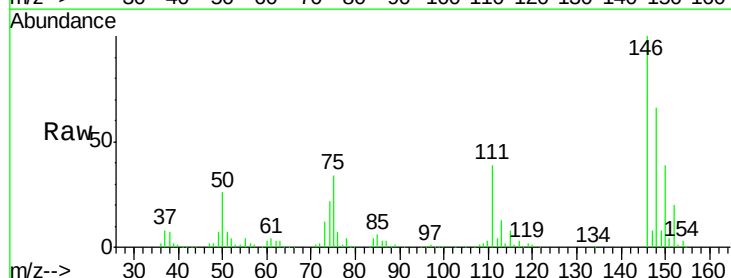
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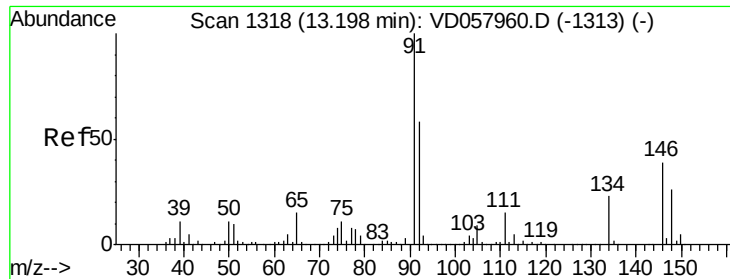
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.885 ug/l  
 RT: 12.93 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 332090 |       |       |
| 111     | 39.0  | 17.3   | 52.0  |       |
| 148     | 66.2  | 33.4   | 100.2 |       |





#89

n-Butylbenzene

Concen: 24.752 ug/l

RT: 13.19 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

Instrument :

MSVOA\_D

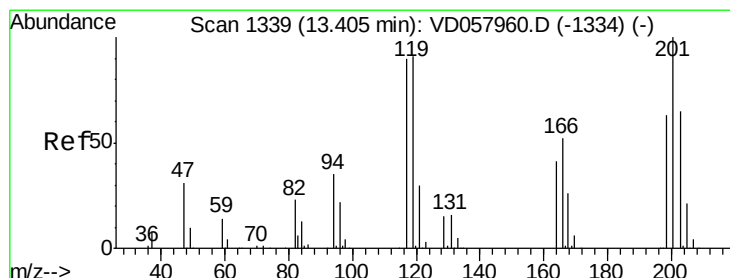
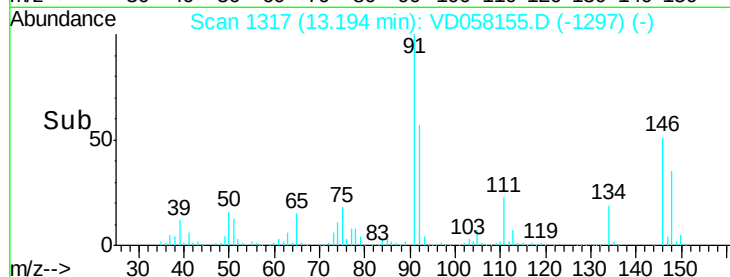
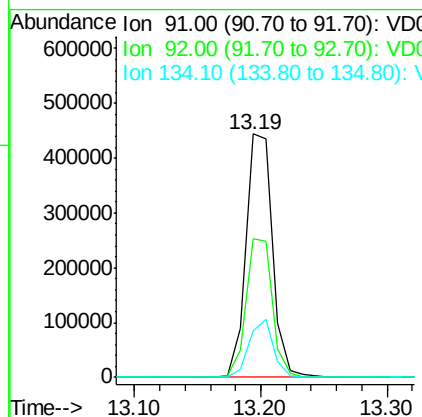
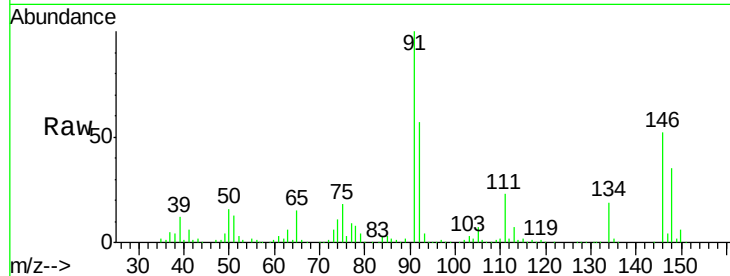
ClientSampleId :

VD0615SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 647287 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 57.1  | 29.2  | 87.6   |
| 134       | 19.0  | 11.3  | 33.9   |

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#90

Hexachloroethane

Concen: 22.321 ug/l

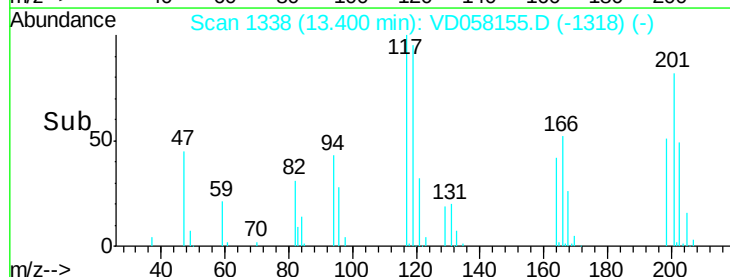
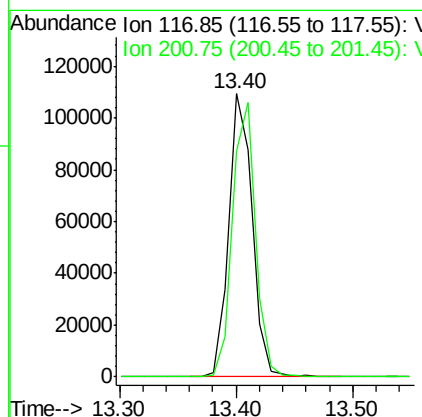
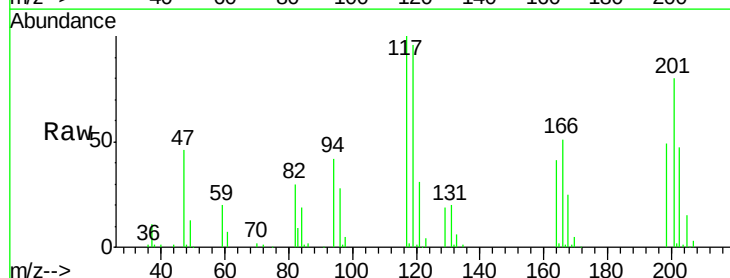
RT: 13.40 min Scan# 1338

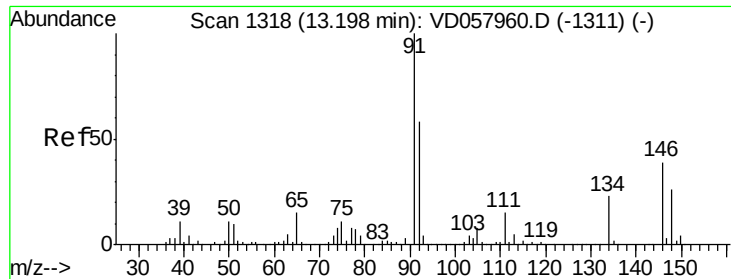
Delta R.T. -0.00 min

Lab File: VD058155.D

Acq: 15 Jun 2018 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 151784 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 79.7  | 55.4  | 166.0  |





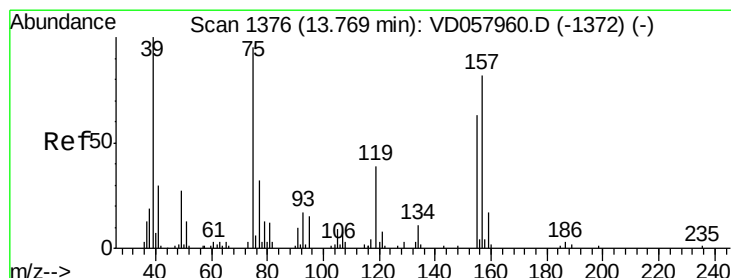
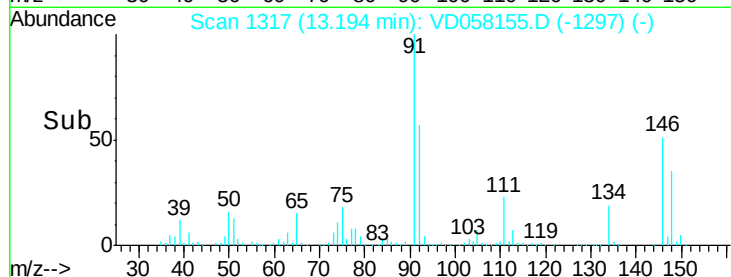
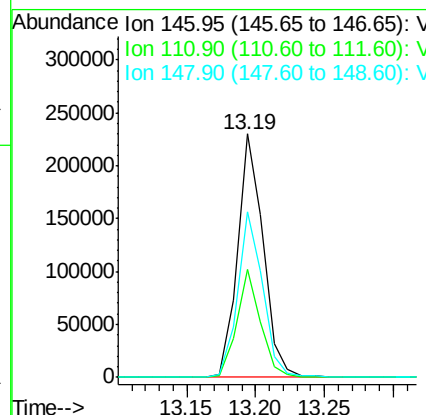
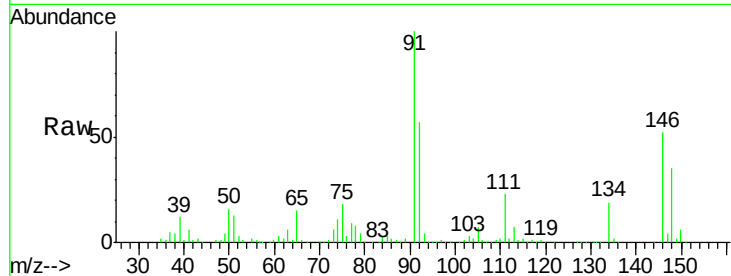
#91  
 1,2-Dichlorobenzene  
 Concen: 23.647 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.4  | 19.4  | 58.2  |
| 148     | 68.2  | 32.6  | 98.0  |

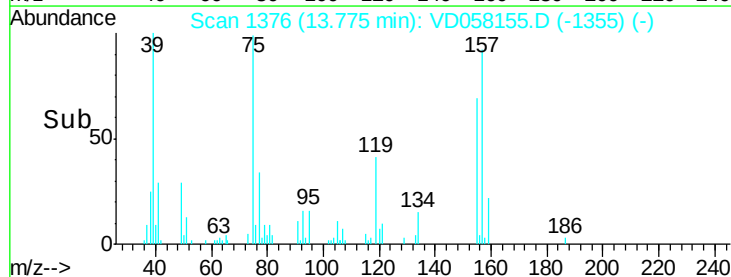
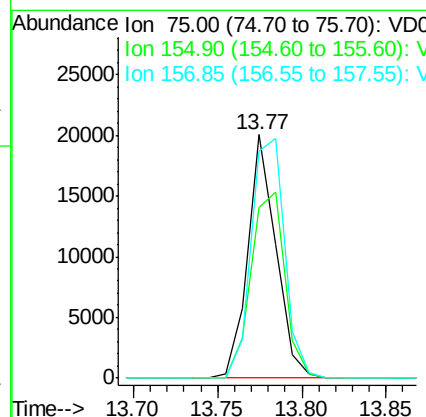
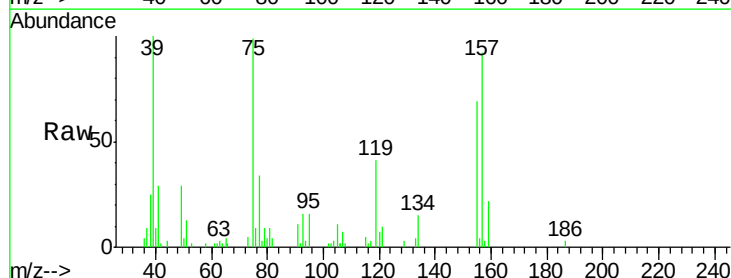
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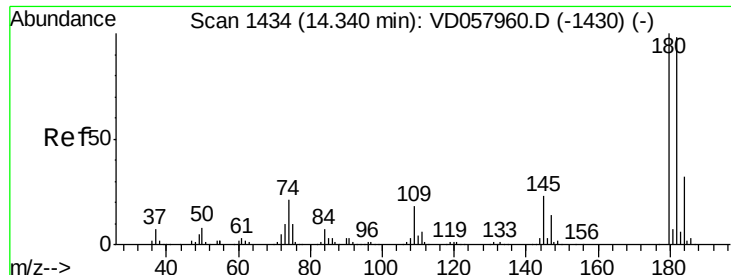
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.299 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 70.1  | 33.4  | 100.1 |
| 157     | 93.4  | 42.9  | 128.5 |





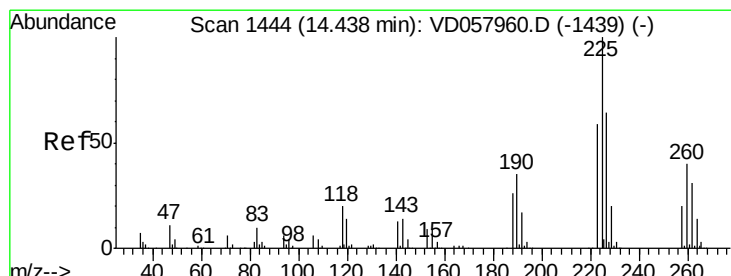
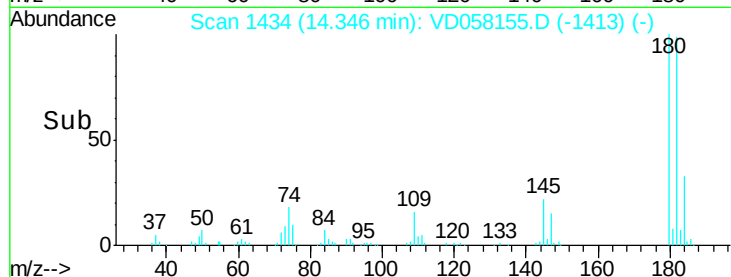
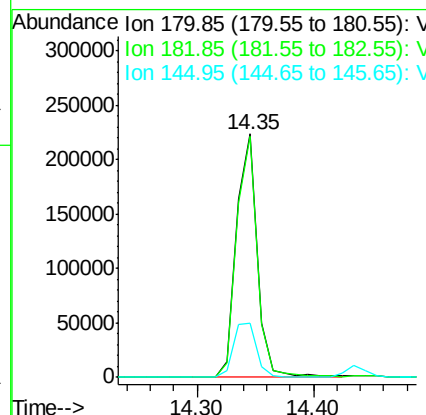
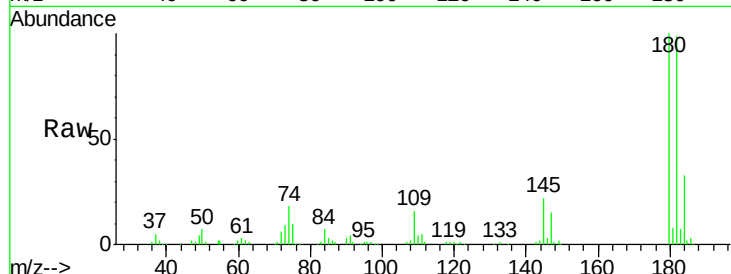
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.650 ug/l  
 RT: 14.35 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0615SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 278090 |       |       |
| 182     | 98.8  | 49.0   | 147.2 |       |
| 145     | 22.3  | 11.8   | 35.3  |       |

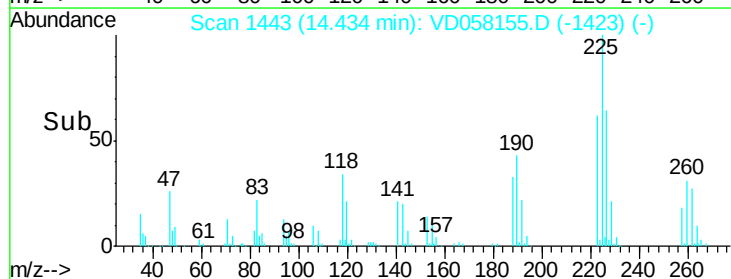
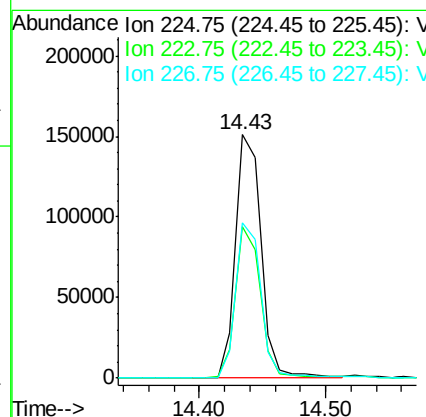
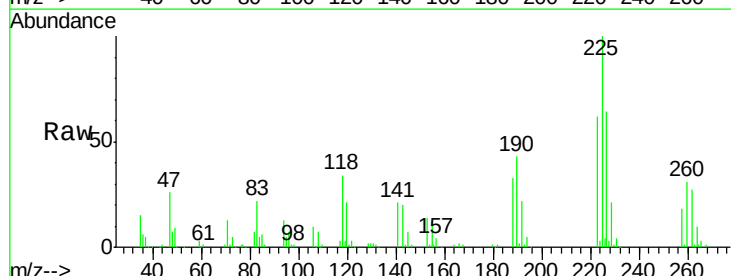
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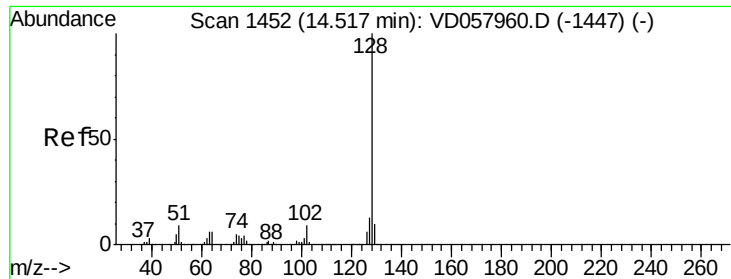
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#94  
 Hexachlorobutadiene  
 Concen: 22.858 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD058155.D  
 Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 211417 |       |       |
| 223     | 62.3  | 29.5   | 88.6  |       |
| 227     | 63.9  | 32.0   | 96.0  |       |





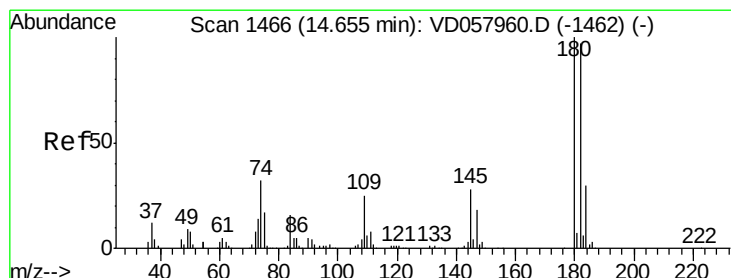
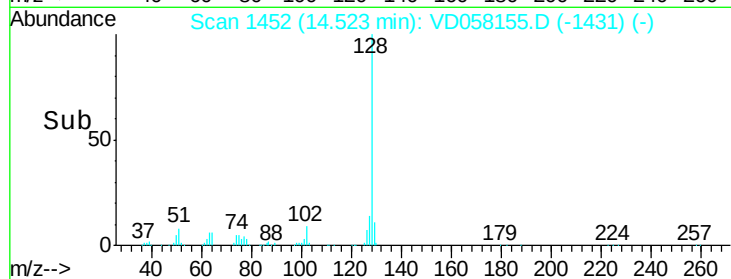
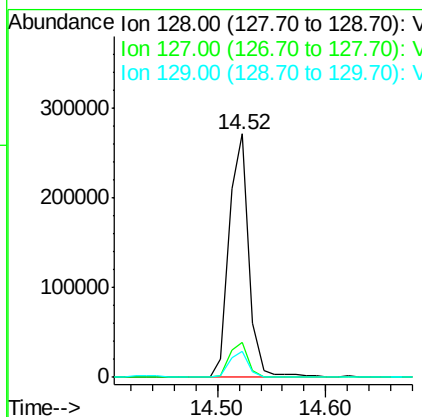
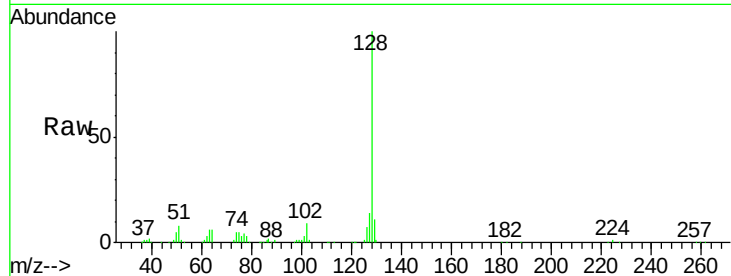
#95  
Naphthalene  
Concen: 22.827 ug/l  
RT: 14.52 min Scan# 1452  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0615SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.3  | 10.2  | 15.2  |
| 129     | 10.7  | 8.2   | 12.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 23.676 ug/l  
RT: 14.66 min Scan# 1466  
Delta R.T. 0.01 min  
Lab File: VD058155.D  
Acq: 15 Jun 2018 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.6  | 48.5  | 145.5 |
| 145     | 27.9  | 14.2  | 42.8  |

