

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121818\  
 Data File : VW007601.D  
 Acq On : 16 Dec 2018 01:13  
 Operator : SY/AP  
 Sample : VW1218SBS01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW1218SBS01

Manual Integrations  
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 12/17/2018 4:40:32 PM

Quant Time: Dec 16 02:40:41 2018  
 Quant Title :  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 70848    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 120790   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 108411   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 55288    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 40216    | 51.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.34% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 35664    | 48.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.56%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 137016   | 49.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.96%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 52013    | 51.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.20% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 10194  | 20.590  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 8526   | 20.562  | ug/l   | 88     |
| 4) Vinyl Chloride             | 2.36 | 62  | 10039  | 20.631  | ug/l   | 98     |
| 5) Bromomethane               | 2.78 | 94  | 7068   | 21.619  | ug/l   | 99     |
| 6) Chloroethane               | 2.93 | 64  | 5359   | 20.007  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 8933   | 20.420  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.68 | 74  | 7482   | 21.852  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 15055  | 20.856  | ug/l   | 96     |
| 10) Methyl Iodide             | 4.27 | 142 | 25725  | 21.518  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 5.17 | 59  | 6163   | 114.168 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 14844  | 21.358  | ug/l   | 92     |
| 13) Acrolein                  | 3.89 | 56  | 3131   | 87.656  | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 20906  | 20.407  | ug/l   | 97     |
| 15) Acrylonitrile             | 5.37 | 53  | 15597  | 108.057 | ug/l   | 99     |
| 16) Acetone                   | 4.12 | 43  | 13931  | 101.470 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 43628  | 20.703  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 9107   | 24.440  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 23276  | 22.200  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.91 | 84  | 17828  | 21.514  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 17010  | 21.879  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.31 | 45  | 41181  | 20.913  | ug/l   | 92     |
| 23) Vinyl Acetate             | 6.25 | 43  | 114549 | 104.003 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 28220  | 21.204  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 19085  | 106.481 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 18802  | 21.347  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 18706  | 21.974  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.51 | 49  | 10346  | 20.667  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 12221  | 107.705 | ug/l   | 94     |
| 30) Chloroform                | 7.67 | 83  | 31440  | 21.708  | ug/l   | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 24131  | 19.763  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 27205  | 21.420  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 23728  | 21.534  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 8961   | 21.865  | ug/l # | 79     |
| 38) Carbon Tetrachloride      | 8.06 | 117 | 26455  | 22.065  | ug/l   | 98     |
| 39) Methylcyclohexane         | 9.33 | 83  | 28466  | 21.334  | ug/l   | 94     |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 40) Benzene                    | 8.32  | 78   | 66564    | 21.768  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.48  | 41   | 5835     | 25.002  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 21721    | 22.612  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 17769    | 21.949  | ug/l   | 97       |
| 44) Trichloroethene            | 9.09  | 130  | 18919    | 21.666  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 15434    | 21.810  | ug/l   | 96       |
| 46) Dibromomethane             | 9.46  | 93   | 9245     | 23.006  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 23577    | 22.367  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 9072     | 21.820  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 3024     | 463.772 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 41596    | 108.745 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 44418    | 22.445  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 23120    | 22.593  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 25315    | 21.399  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 12947    | 23.672  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 15096    | 22.964  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 21538    | 23.992  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 31661    | 104.439 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 29335    | 115.014 | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.13 | 129  | 15790    | 22.877  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 12747    | 23.584  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.86 | 164  | 16896    | 21.672  | ug/l   | 92       |
| 65) Chlorobenzene              | 11.66 | 112  | 50824    | 22.492  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 17608    | 22.125  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.73 | 91   | 87102    | 22.420  | ug/l   | 91       |
| 68) m/p-Xylenes                | 11.84 | 106  | 68170    | 45.137  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 31541    | 22.361  | ug/l   | 96       |
| 70) Styrene                    | 12.18 | 104  | 53178    | 23.341  | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 9188     | 22.556  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 88143    | 20.806  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.27 | 43   | 16609    | 21.572  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 13723    | 21.871  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 11147m   | 24.452  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 20029    | 21.329  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.81 | 91   | 104171   | 21.850  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 60966    | 21.133  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 76045    | 21.363  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 4284     | 20.759  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 65124    | 21.416  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 68324    | 21.783  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 78109    | 21.324  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 92901    | 21.697  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 85377    | 22.196  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 41200    | 22.006  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 40699    | 21.623  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.83 | 91   | 76359    | 21.413  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 14525    | 21.222  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 36996    | 22.062  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 2648     | 21.030  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene     | 15.14 | 180  | 24487    | 21.219  | ug/l   | 99       |
| 94) Hexachlorobutadiene        | 15.24 | 225  | 12922    | 21.104  | ug/l   | 98       |

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Sample : VW1218SBSD01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VW1218SBSD01

Manual Integrations  
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12/17/2018 4:40:32 PM

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QLast Update : Tue Dec 11 02:58:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 95) Naphthalene            | 15.37 | 128  | 49396    | 22.374 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 22439    | 22.384 | ug/l  | 98       |

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

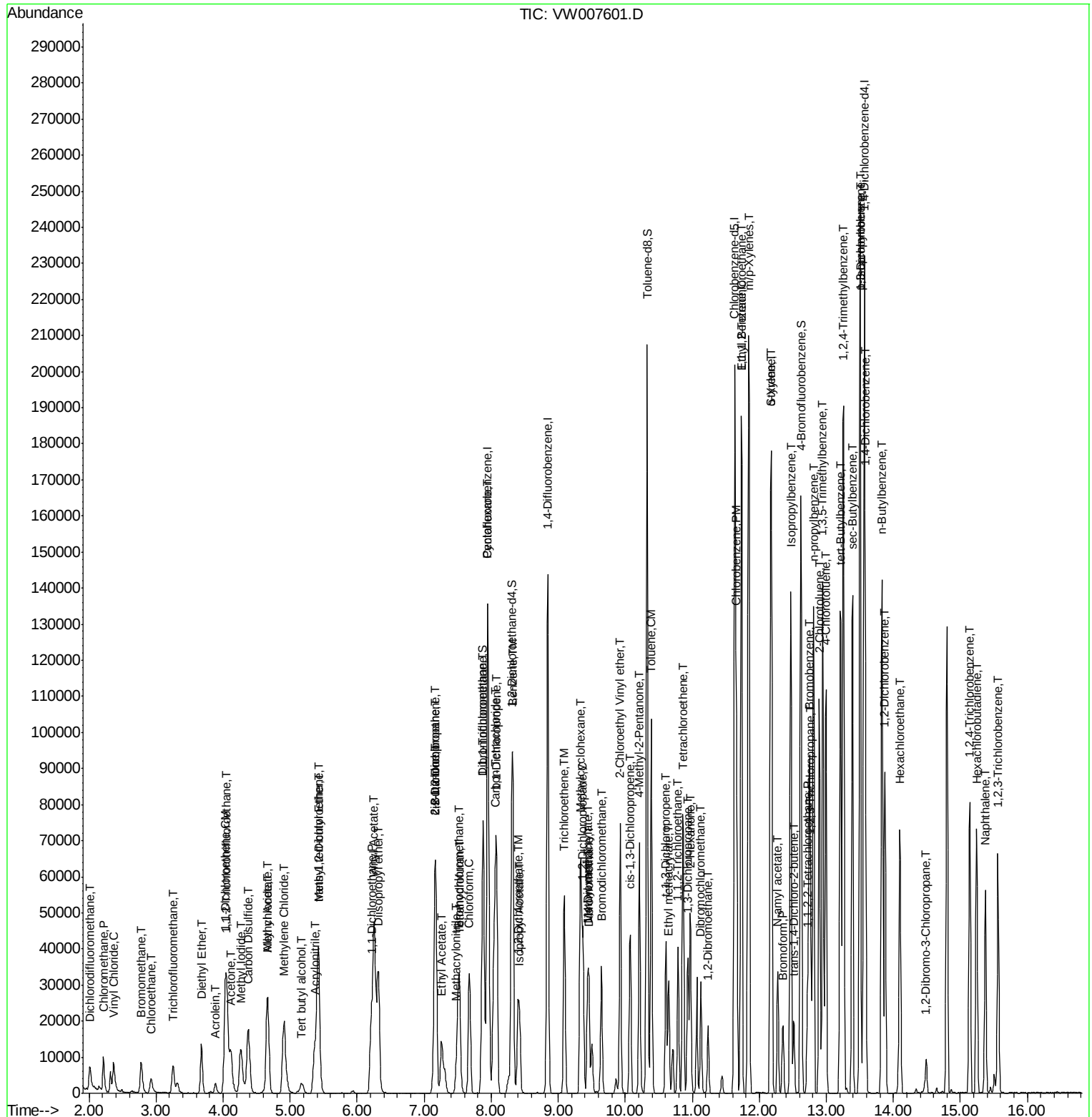
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Acq On : 16 Dec 2018 01:13  
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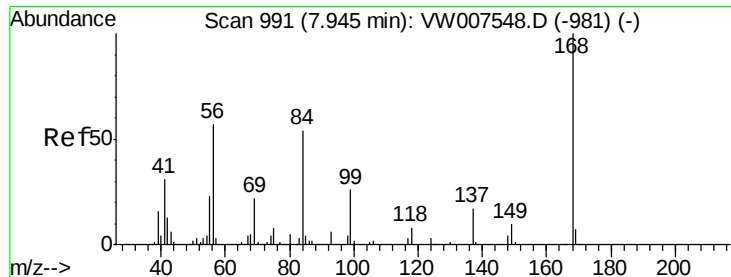
Instrument :  
MSVOA\_W  
Client Sample ID :  
VW1218SBS01

Manual Integrations  
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12/17/2018 4:40:32 PM

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBSD01

Tgt Ion:168 Resp: 70848

Ion Ratio Lower Upper

168 100

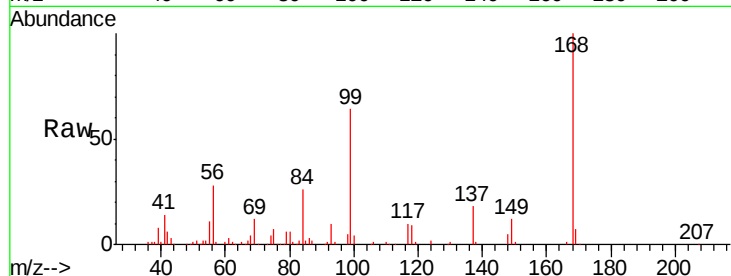
99 63.8 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

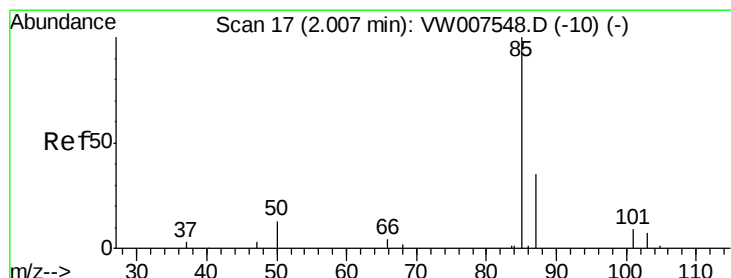
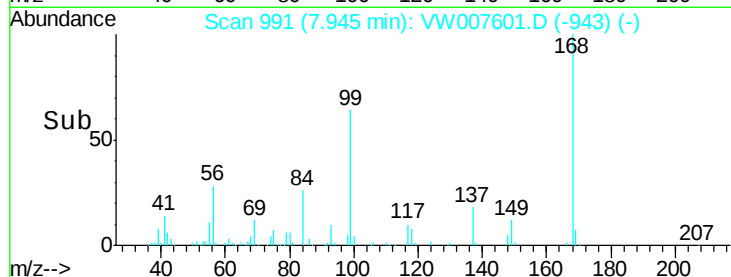
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.590 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007601.D

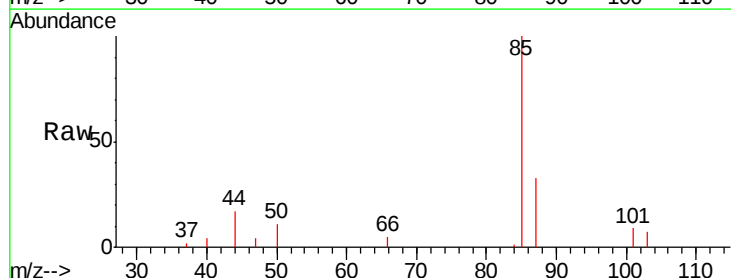
Acq: 16 Dec 2018 01:13

Tgt Ion: 85 Resp: 10194

Ion Ratio Lower Upper

85 100

87 32.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

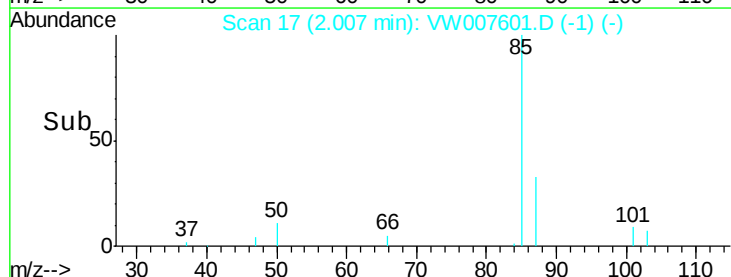
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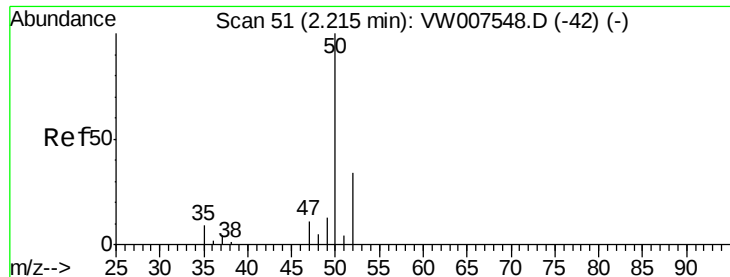
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1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.562 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 50 Resp: 8526

Ion Ratio Lower Upper

50 100

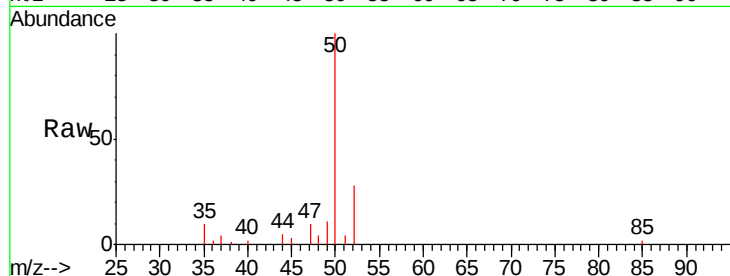
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Manual Integrations

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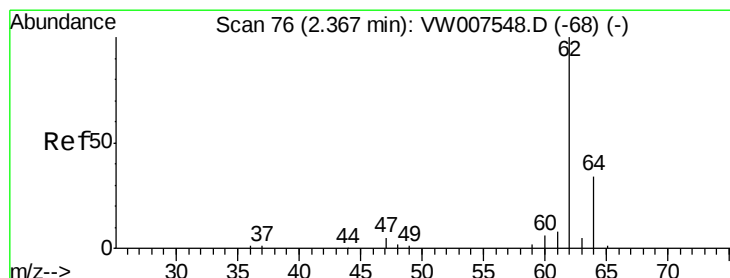
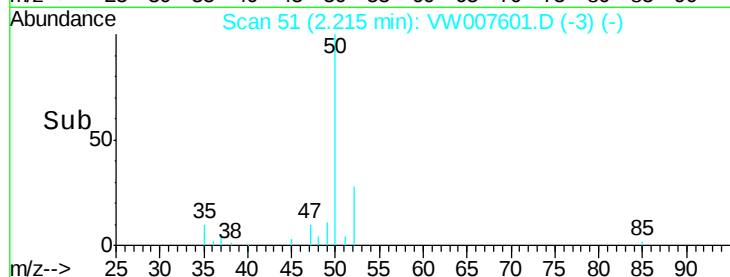
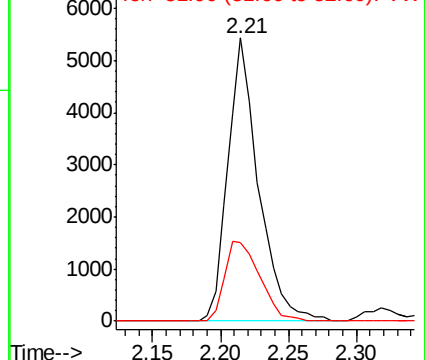
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.631 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007601.D

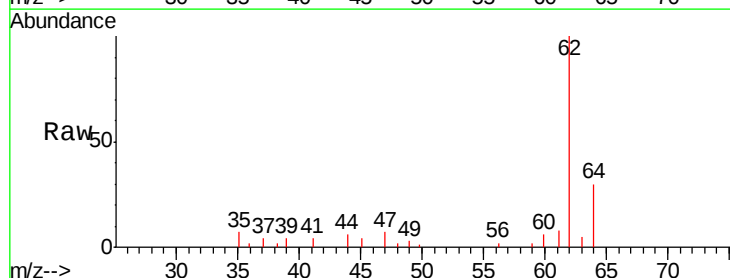
Acq: 16 Dec 2018 01:13

Tgt Ion: 62 Resp: 10039

Ion Ratio Lower Upper

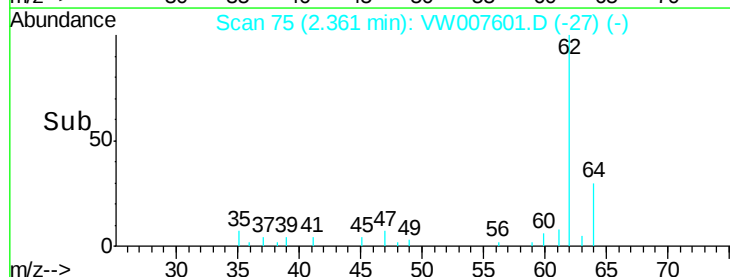
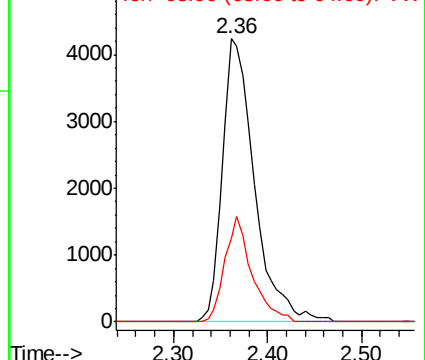
62 100

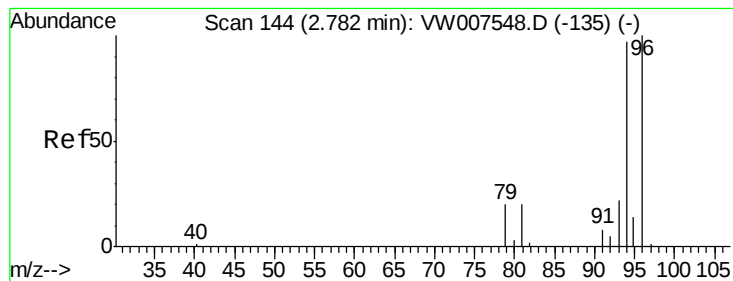
64 29.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.619 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

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ClientSampleId :

VW1218SBS01

Tgt Ion: 94 Resp: 7068

Ion Ratio Lower Upper

94 100

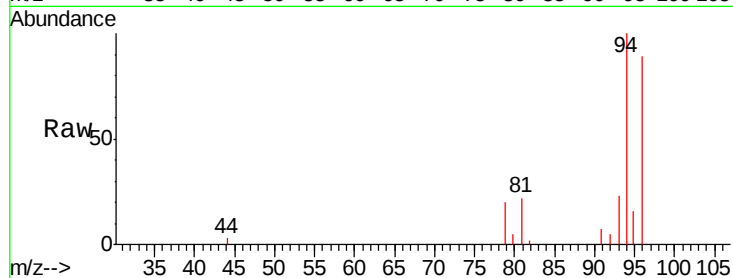
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Manual Integrations

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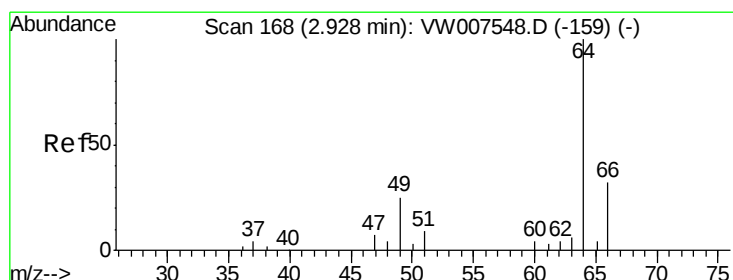
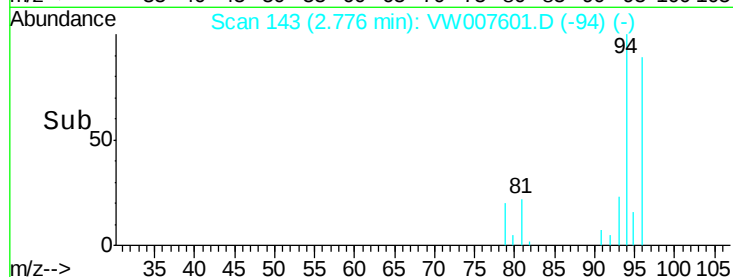
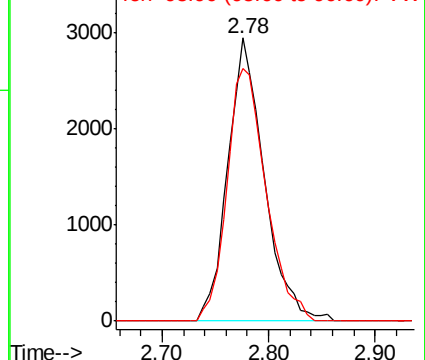
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.007 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007601.D

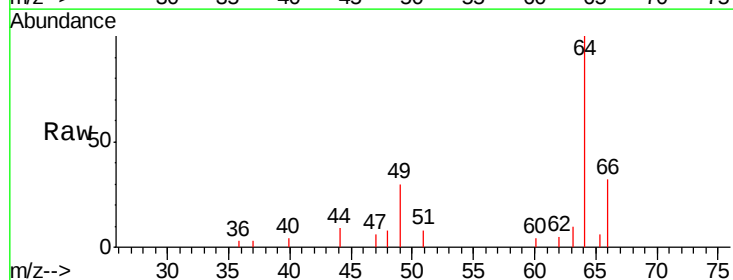
Acq: 16 Dec 2018 01:13

Tgt Ion: 64 Resp: 5359

Ion Ratio Lower Upper

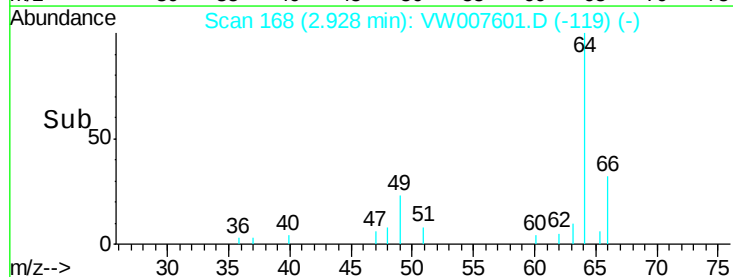
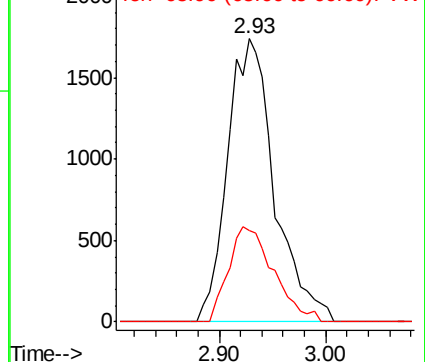
64 100

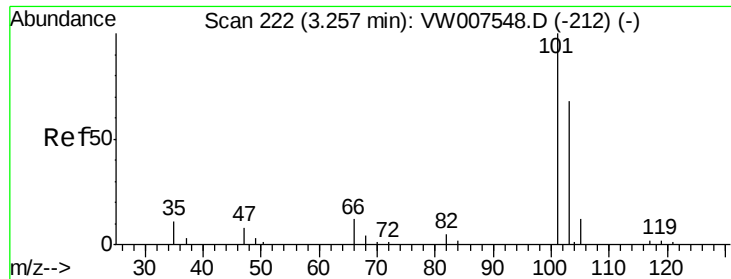
66 32.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

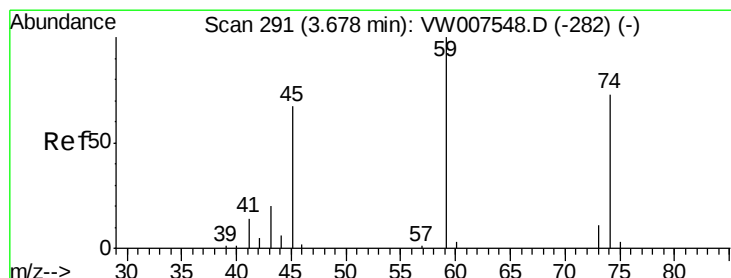
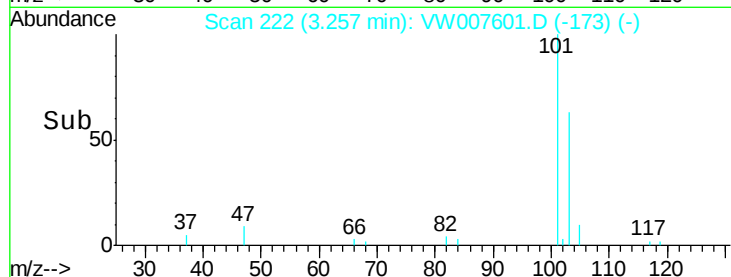
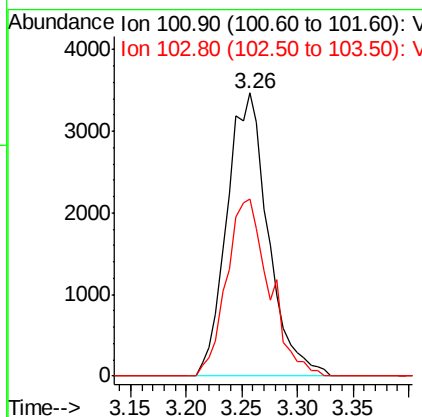
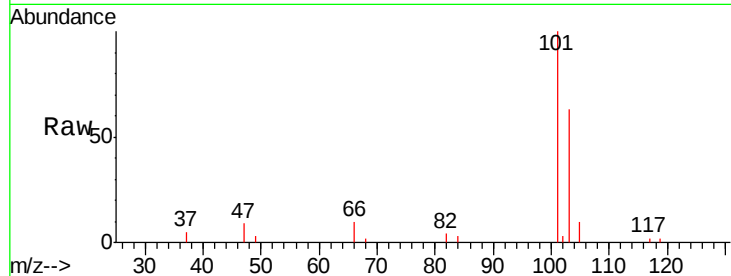
Trichlorofluoromethane  
 Concen: 20.420 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 101 Resp: 8933  
 Ion Ratio Lower Upper  
 101 100  
 103 62.7 51.7 77.5

Manual Integrations  
 APPROVED

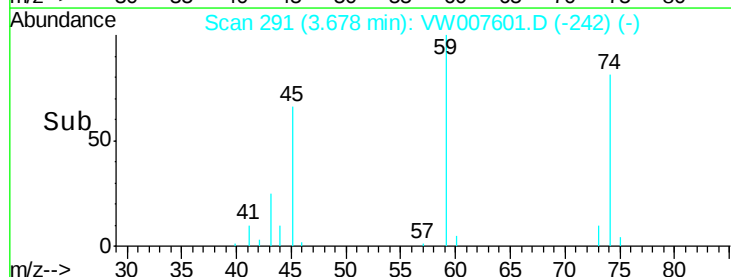
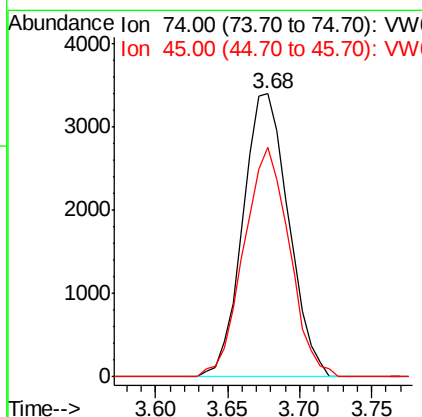
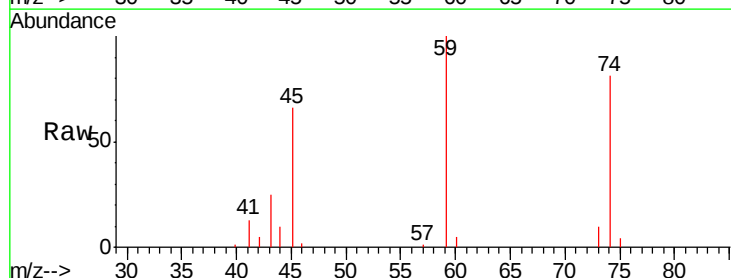
apatel  
 12/17/2018 4:40:32 PM

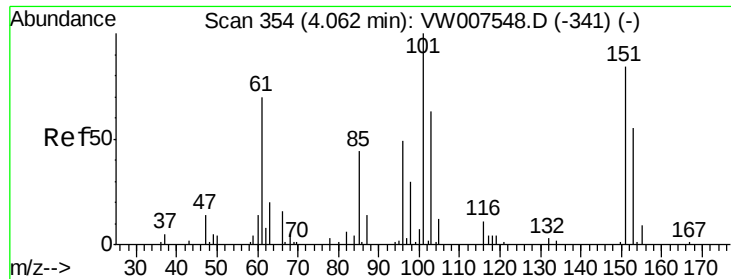


#8

Diethyl Ether  
 Concen: 21.852 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 74 Resp: 7482  
 Ion Ratio Lower Upper  
 74 100  
 45 80.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.856 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

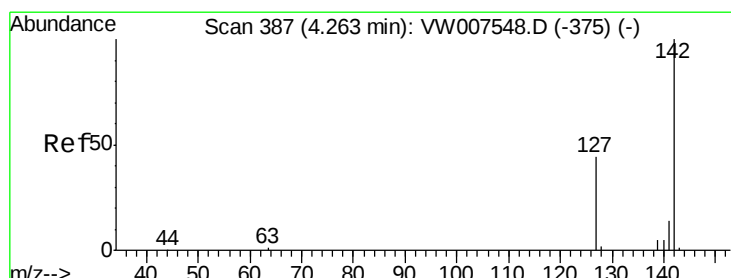
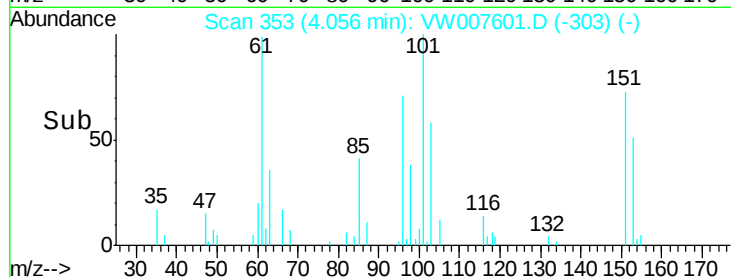
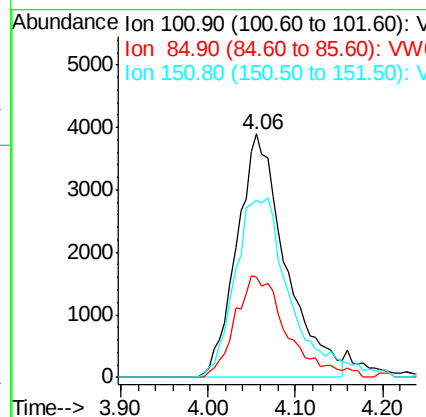
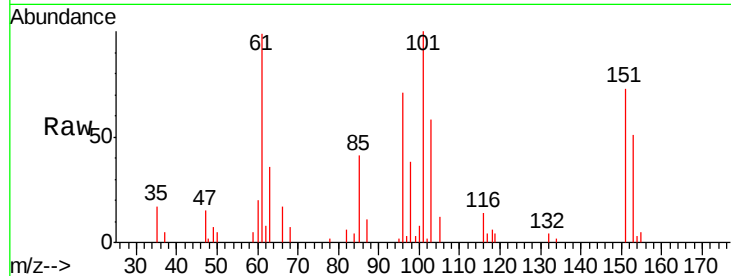
ClientSampleId :

VW1218SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 15055 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.3  | 33.9  | 50.9  |
| 151       | 83.8  | 63.7  | 95.5  |

Manual Integrations  
APPROVED

apatel  
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#10

Methyl Iodide

Concen: 21.518 ug/l

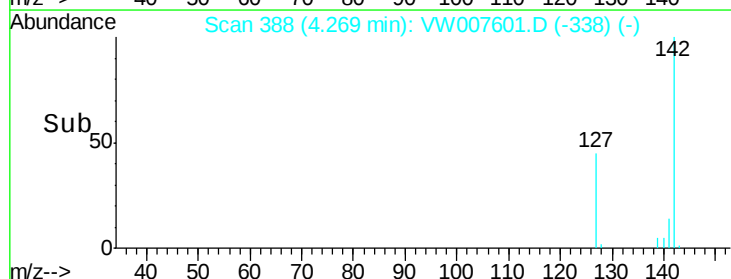
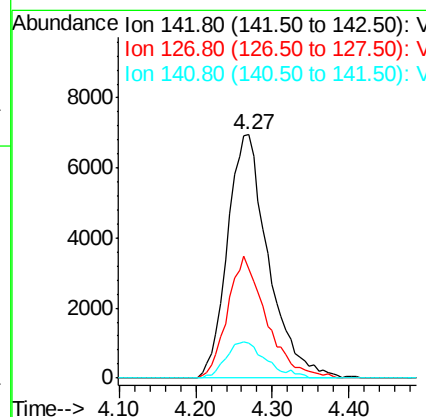
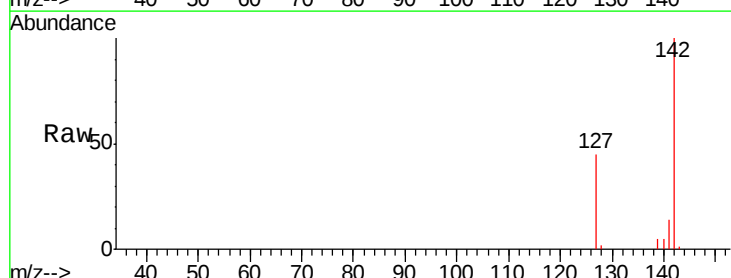
RT: 4.27 min Scan# 388

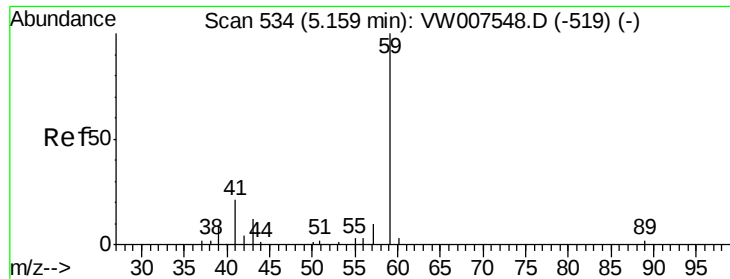
Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 25725 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.5  | 35.8  | 53.6  |
| 141       | 14.6  | 11.1  | 16.7  |





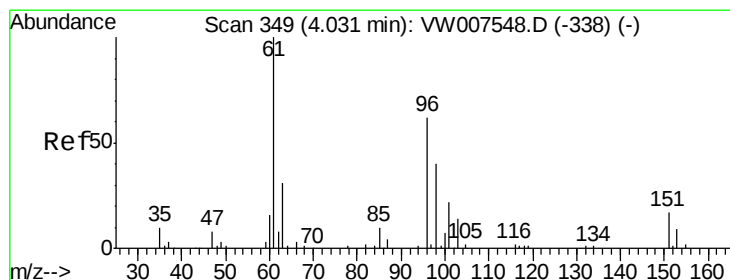
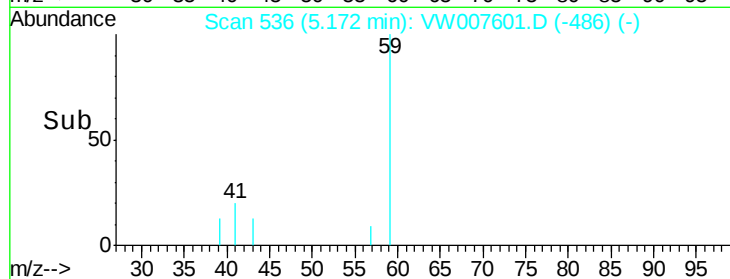
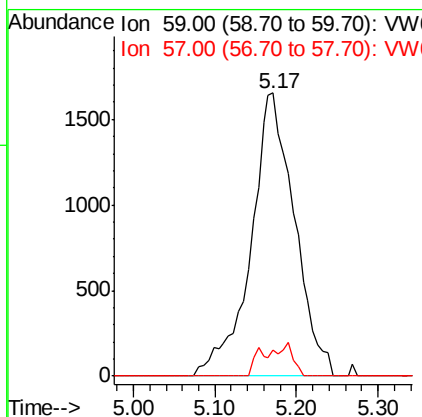
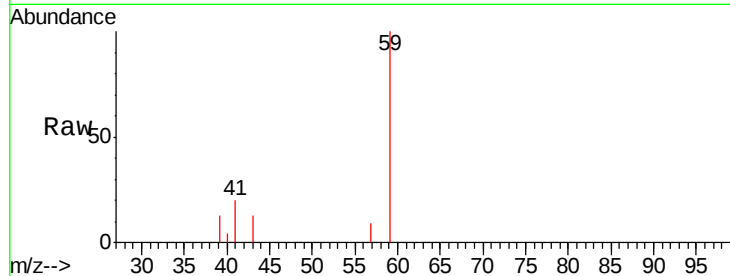
#11  
Tert butyl alcohol  
Concen: 114.168 ug/l  
RT: 5.17 min Scan# 536  
Delta R.T. 0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 59 Resp: 6163  
Ion Ratio Lower Upper  
59 100  
57 4.6 7.6 11.4#

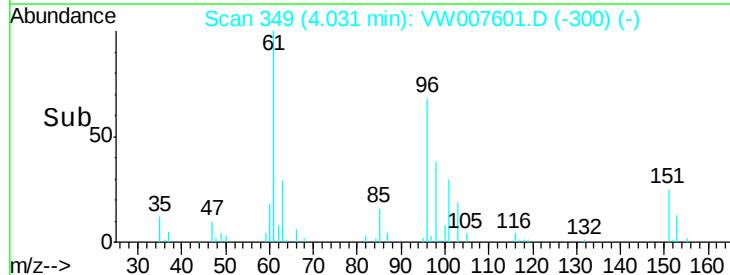
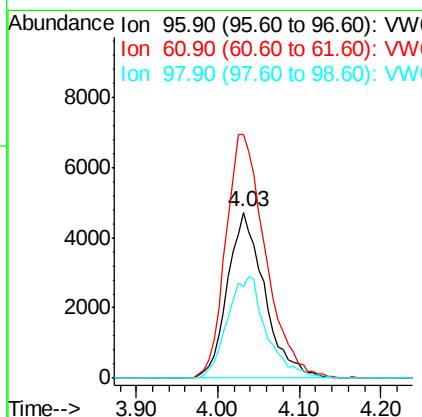
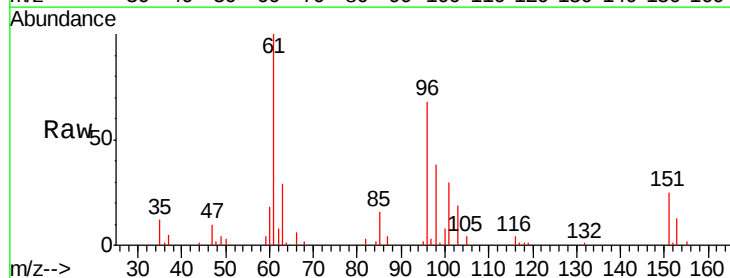
Manual Integrations  
APPROVED

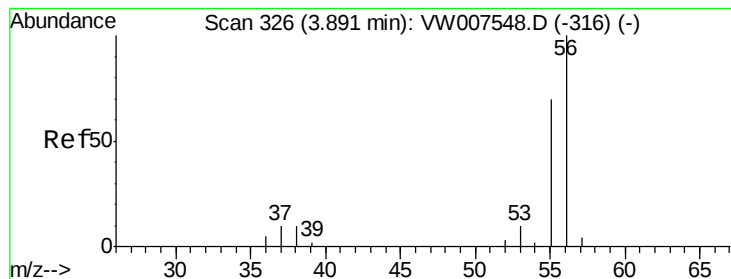
apatel  
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#12  
1,1-Dichloroethene  
Concen: 21.358 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 96 Resp: 14844  
Ion Ratio Lower Upper  
96 100  
61 146.8 126.2 189.2  
98 55.4 48.3 72.5





#13

Acrolein

Concen: 87.656 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 56 Resp: 3131

Ion Ratio Lower Upper

56 100

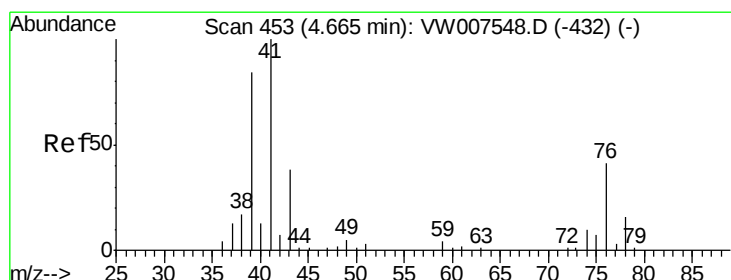
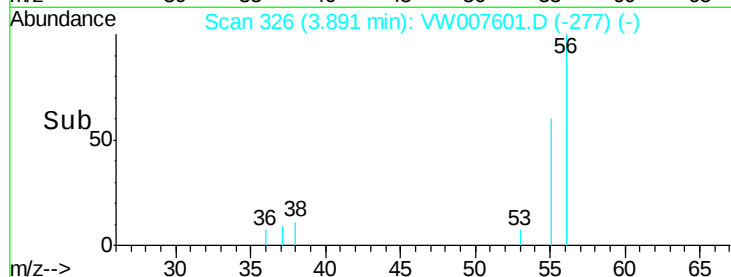
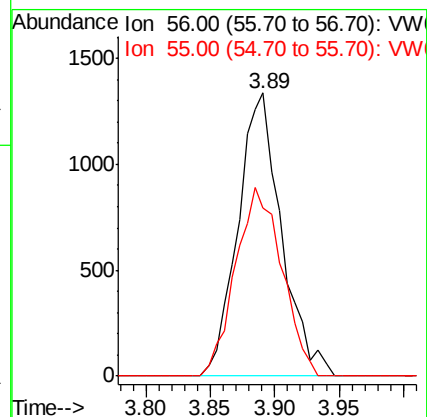
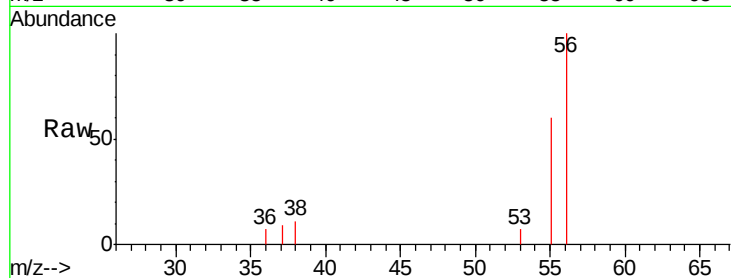
55 71.3 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.407 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

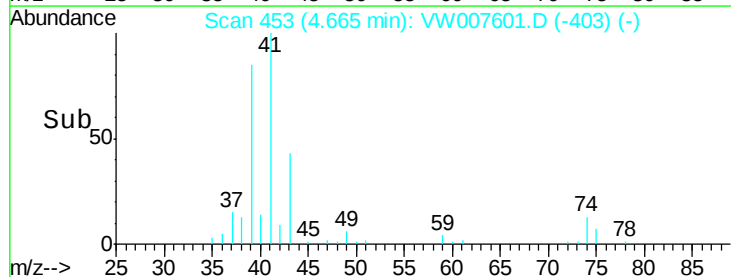
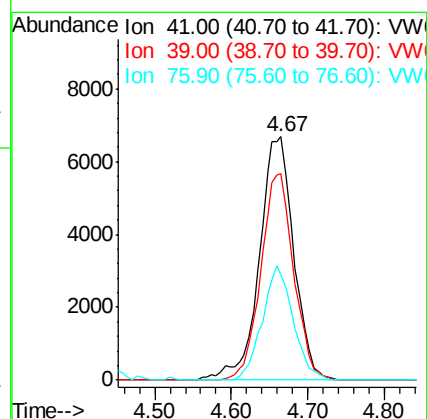
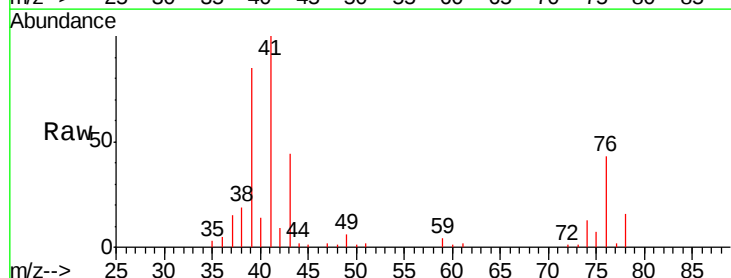
Tgt Ion: 41 Resp: 20906

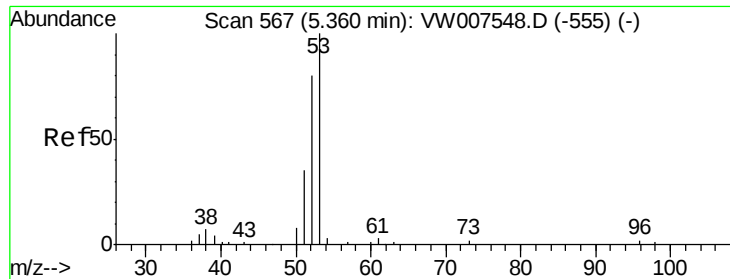
Ion Ratio Lower Upper

41 100

39 81.1 63.4 95.2

76 42.2 32.1 48.1





#15

Acrylonitrile

Concen: 108.057 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

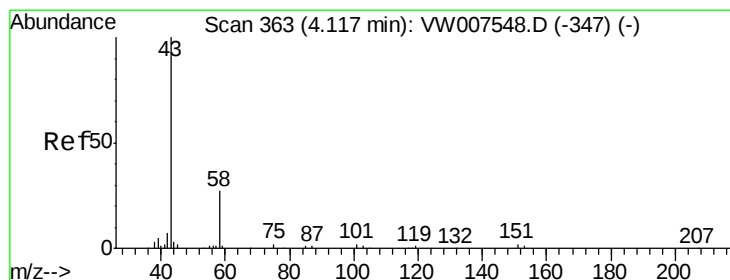
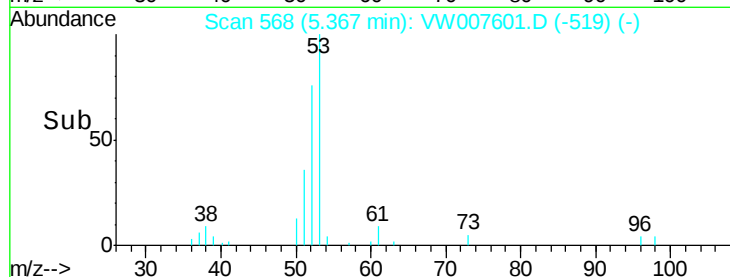
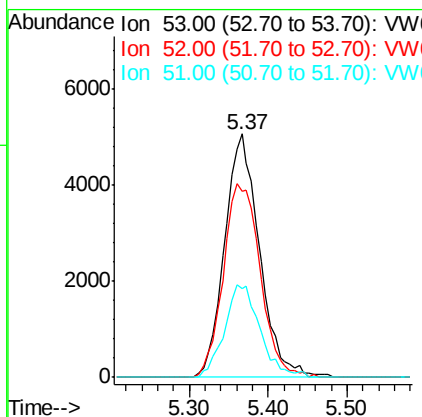
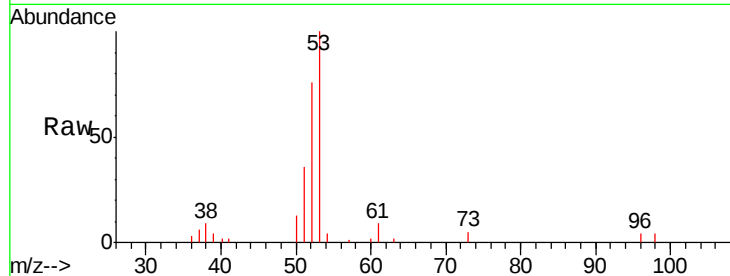
ClientSampleId :

VW1218SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 15597 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.1  | 67.4  | 101.2 |
| 51       | 38.6  | 30.2  | 45.2  |

Manual Integrations  
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#16

Acetone

Concen: 101.470 ug/l

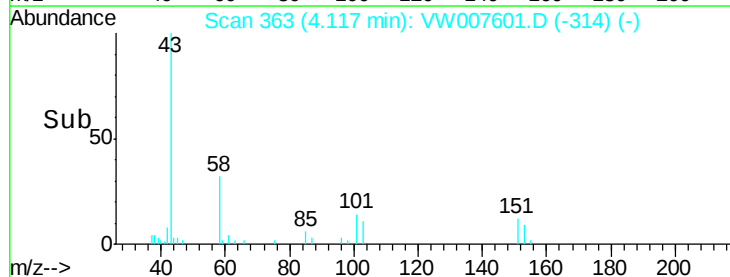
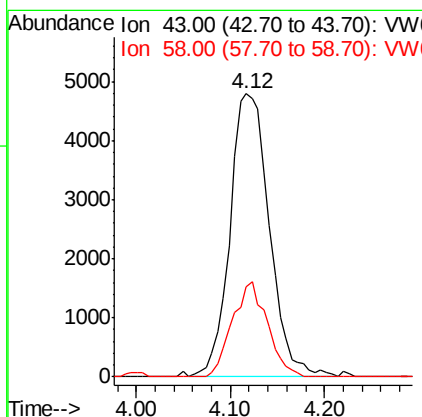
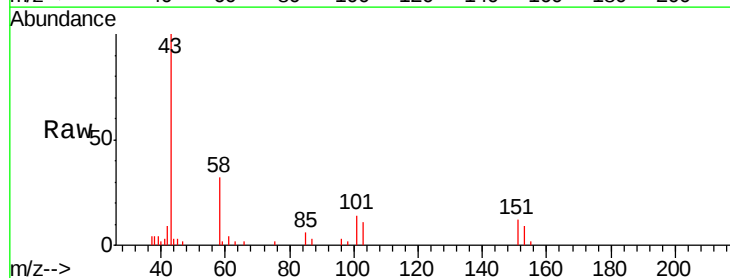
RT: 4.12 min Scan# 363

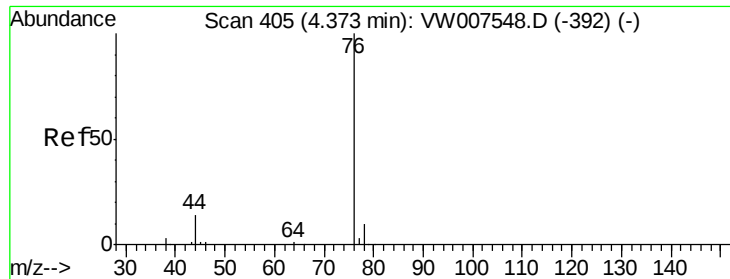
Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 13931 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.8  | 24.9  | 37.3  |





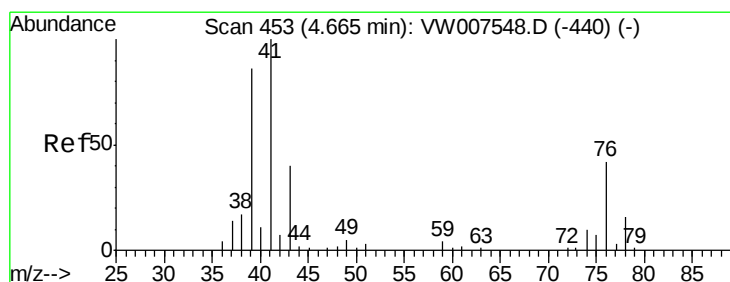
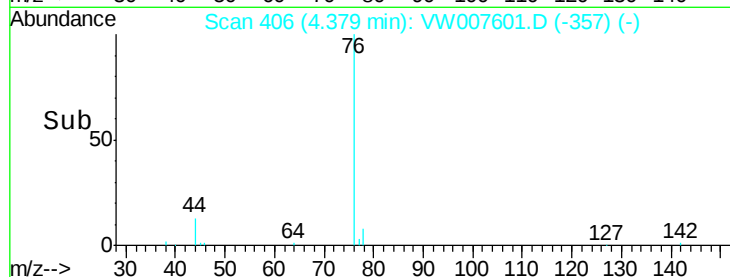
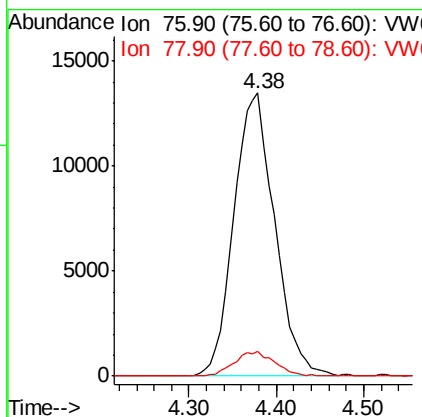
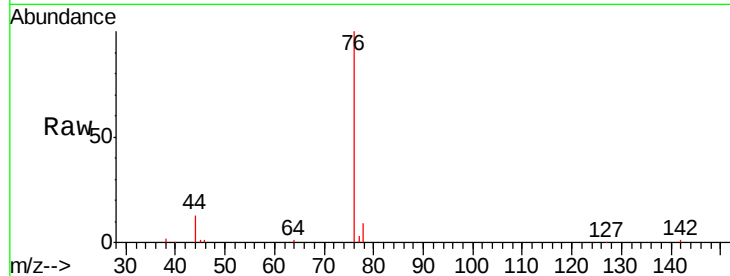
#17  
Carbon Disulfide  
Concen: 20.703 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBSD01

Tgt Ion: 76 Resp: 43628  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7

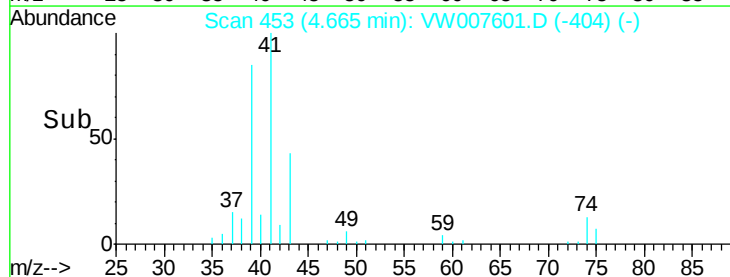
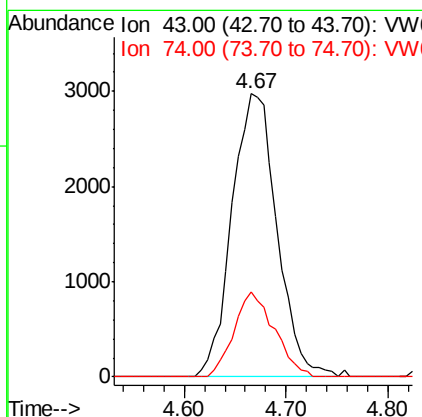
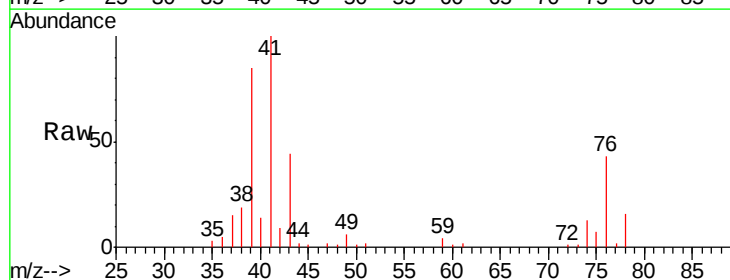
Manual Integrations  
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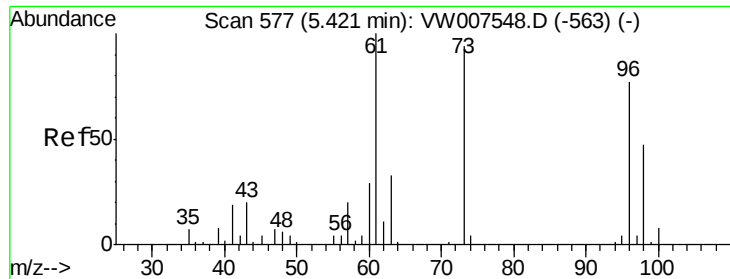
apatel  
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#18  
Methyl Acetate  
Concen: 24.440 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 43 Resp: 9107  
Ion Ratio Lower Upper  
43 100  
74 26.9 21.1 31.7





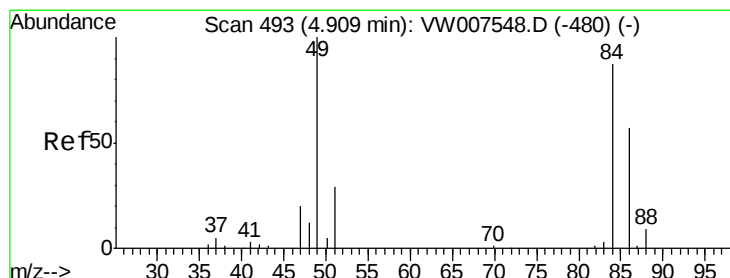
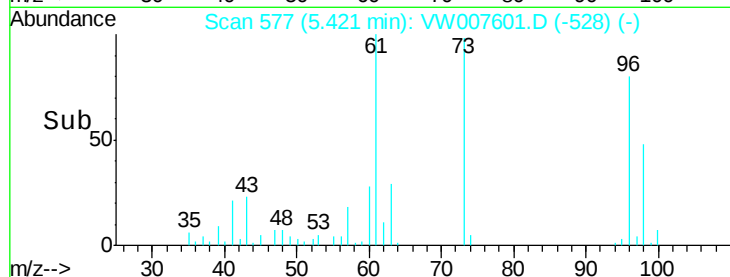
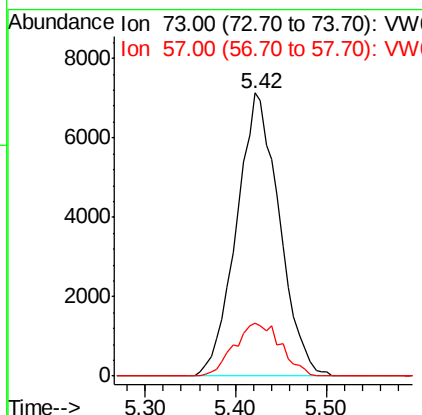
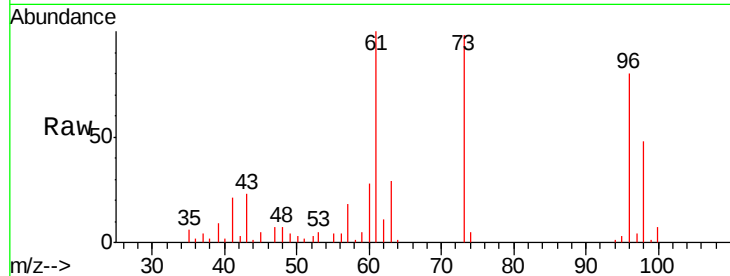
#19  
Methyl tert-butyl Ether  
Concen: 22.200 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 73 Resp: 23276  
Ion Ratio Lower Upper  
73 100  
57 18.8 16.4 24.6

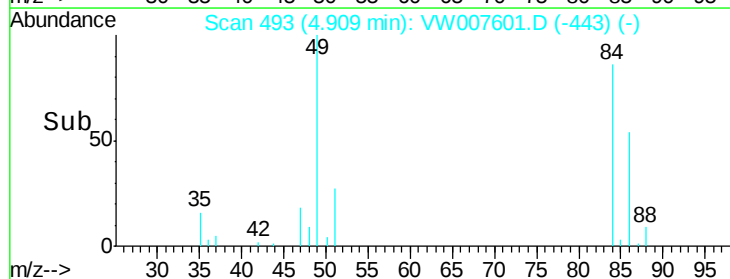
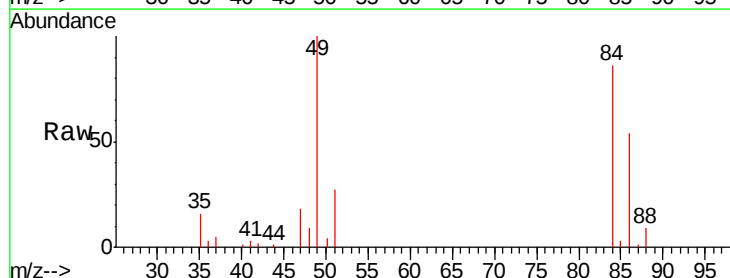
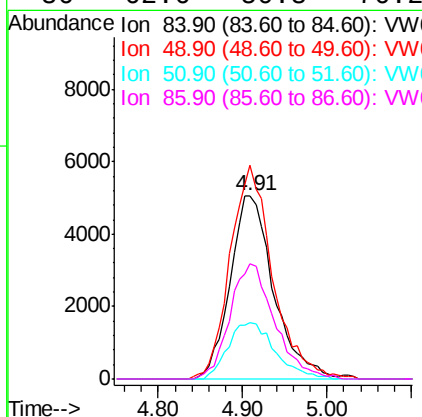
Manual Integrations  
APPROVED

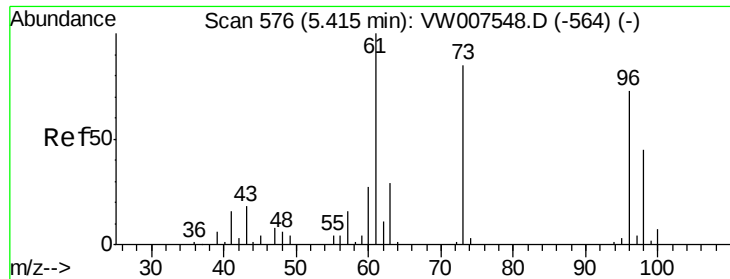
apatel  
12/17/2018 4:40:32 PM



#20  
Methylene Chloride  
Concen: 21.514 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 84 Resp: 17828  
Ion Ratio Lower Upper  
84 100  
49 116.3 87.1 130.7  
51 30.9 28.2 42.2  
86 62.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.879 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

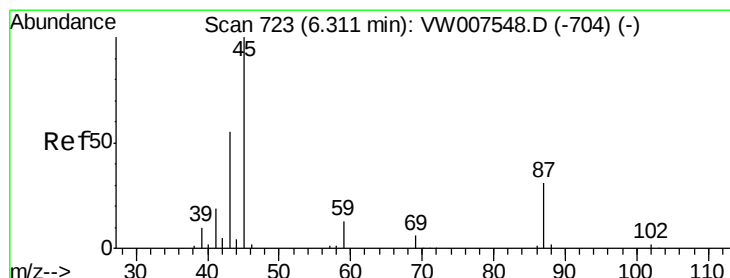
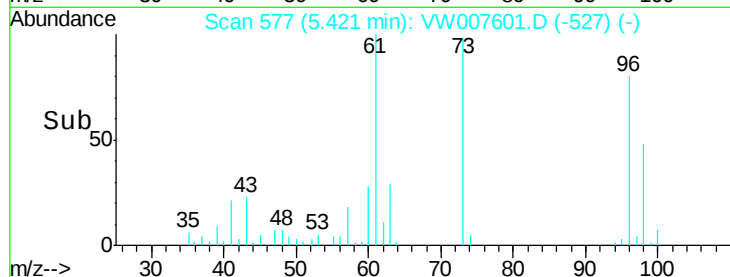
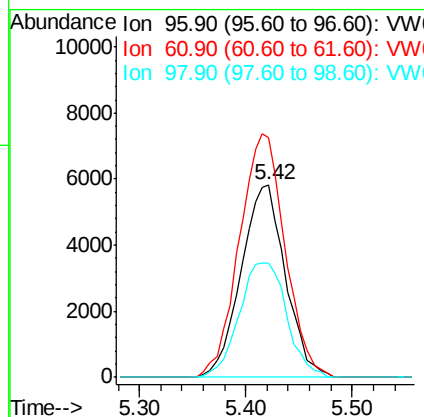
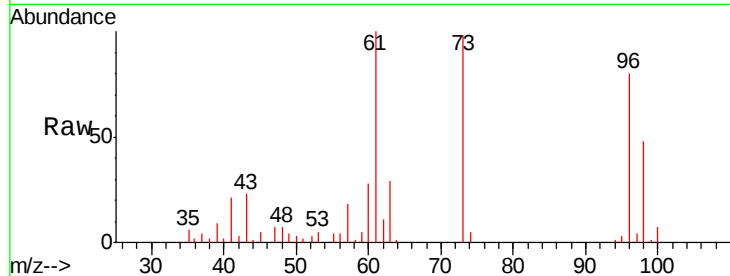
ClientSampleId :

VW1218SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 17010 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.3 | 105.0 | 157.6 |
| 98       | 59.3  | 49.7  | 74.5  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 20.913 ug/l

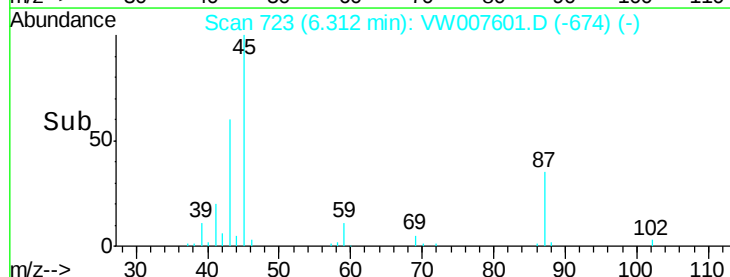
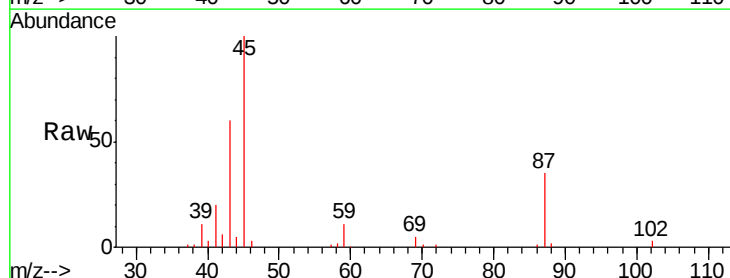
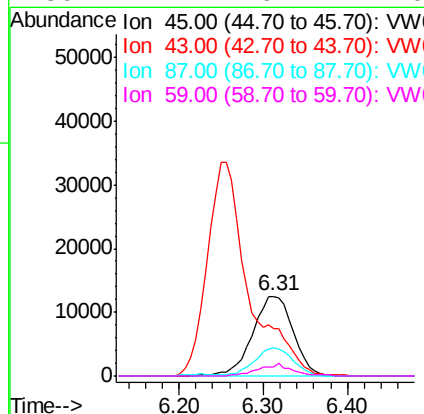
RT: 6.31 min Scan# 723

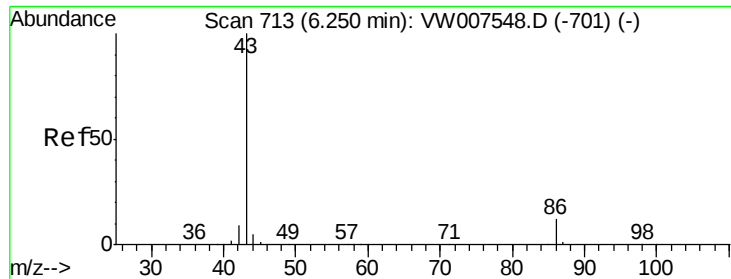
Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 41181 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 59.0  | 41.6  | 62.4  |
| 87       | 34.8  | 24.3  | 36.5  |
| 59       | 11.4  | 9.4   | 14.0  |





#23

Vinyl Acetate

Concen: 104.003 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBSD01

Tgt Ion: 43 Resp: 114549

Ion Ratio Lower Upper

43 100

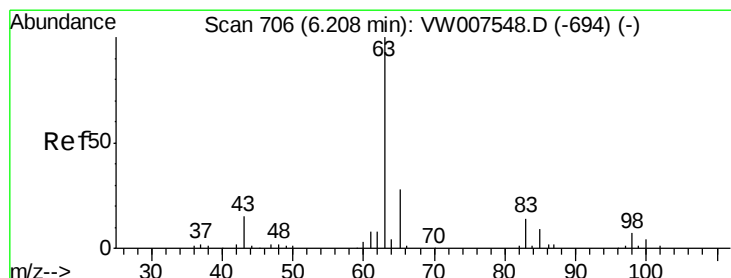
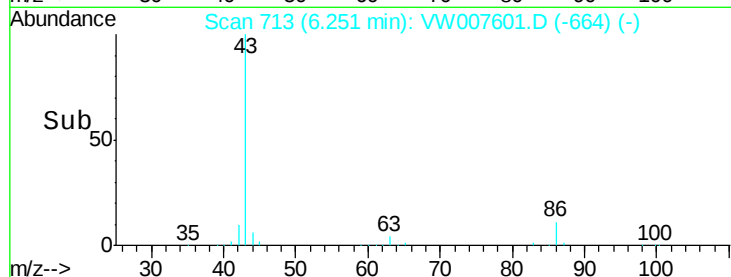
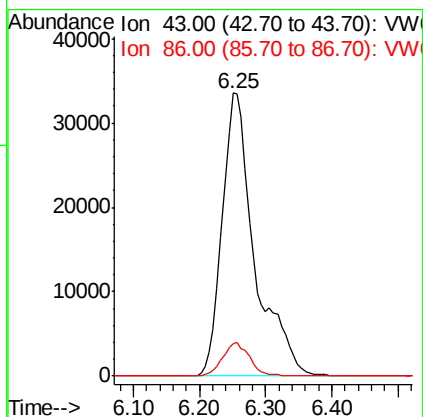
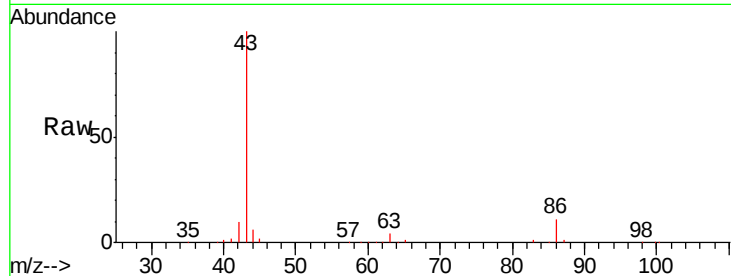
86 11.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 21.204 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

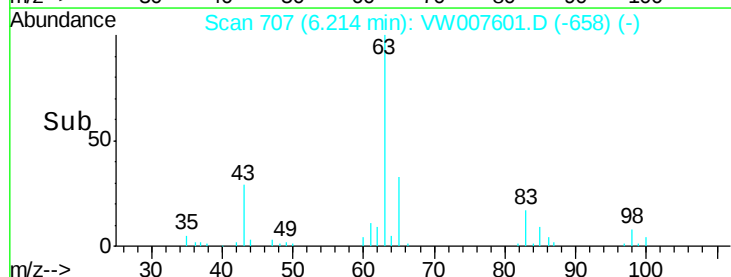
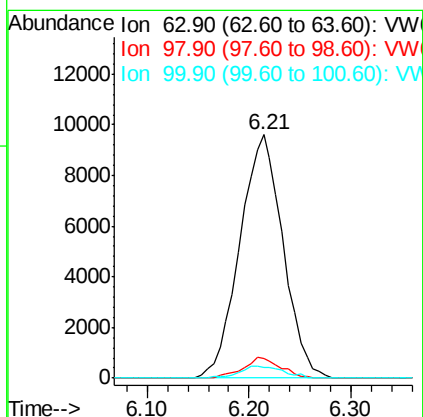
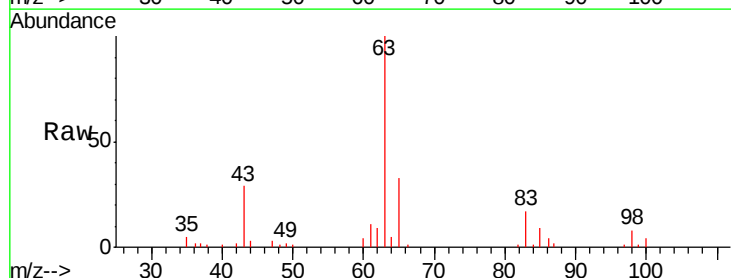
Tgt Ion: 63 Resp: 28220

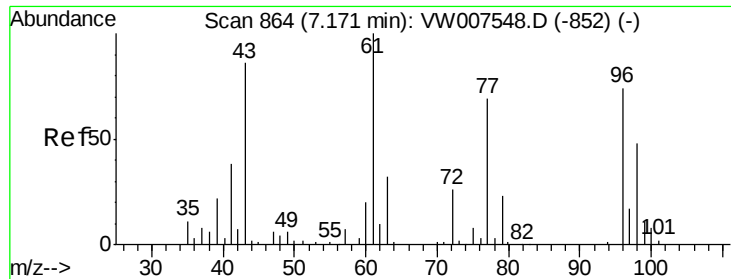
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 4.4 2.5 7.5





#25

2-Butanone

Concen: 106.481 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 43 Resp: 19085

Ion Ratio Lower Upper

43 100

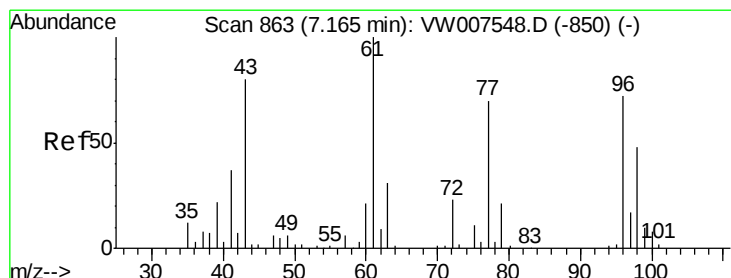
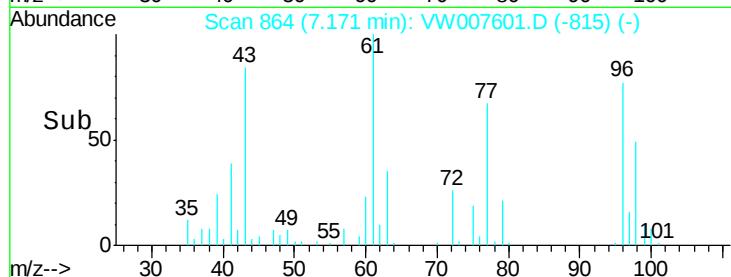
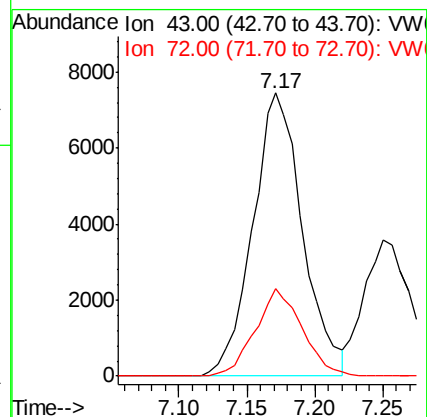
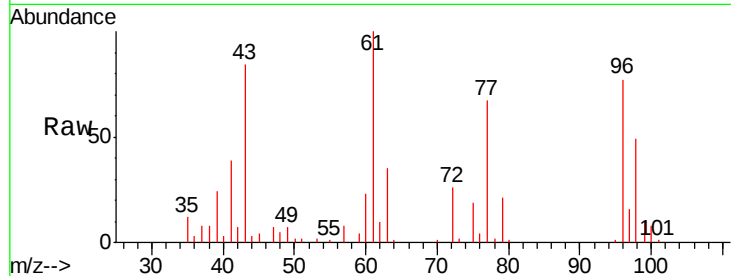
72 30.9 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 21.347 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007601.D

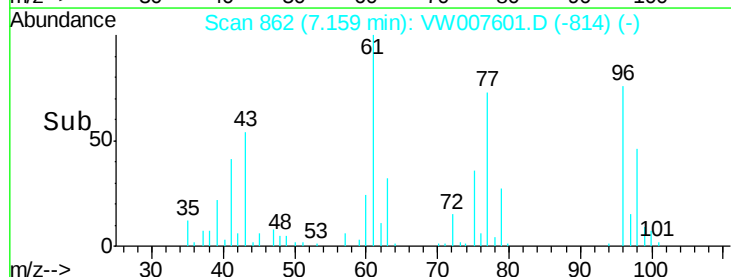
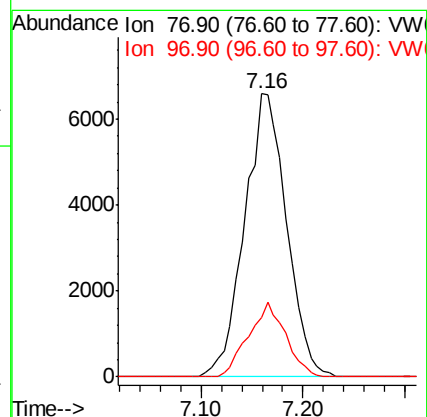
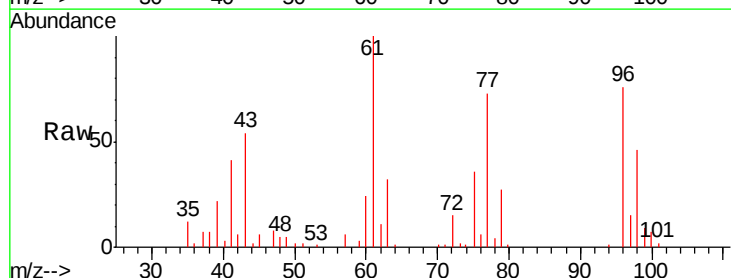
Acq: 16 Dec 2018 01:13

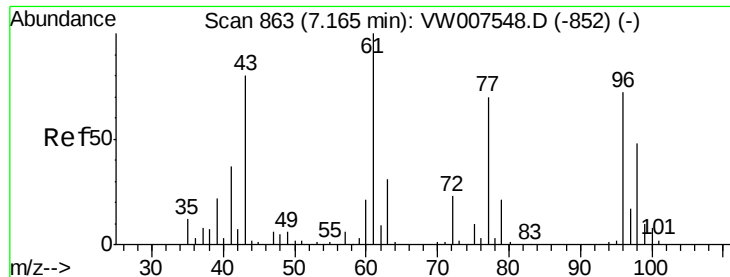
Tgt Ion: 77 Resp: 18802

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

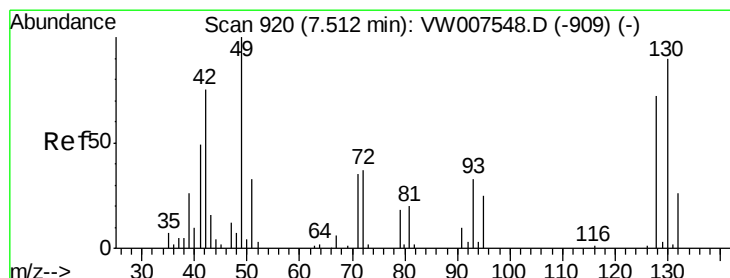
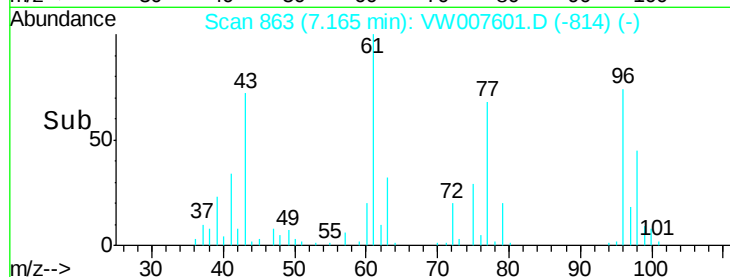
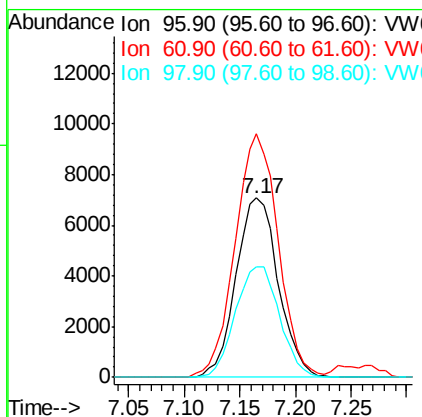
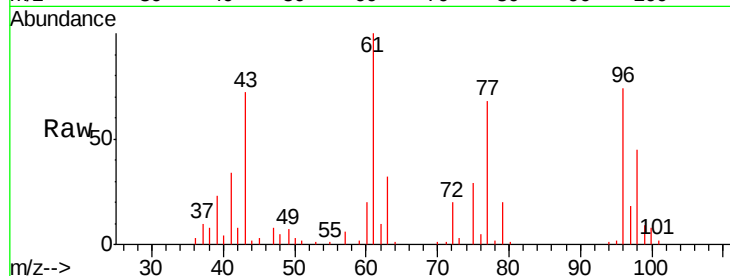
cis-1,2-Dichloroethene  
Concen: 21.974 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 137.8 | 0.0   | 268.4 |
| 98      | 64.5  | 0.0   | 127.8 |

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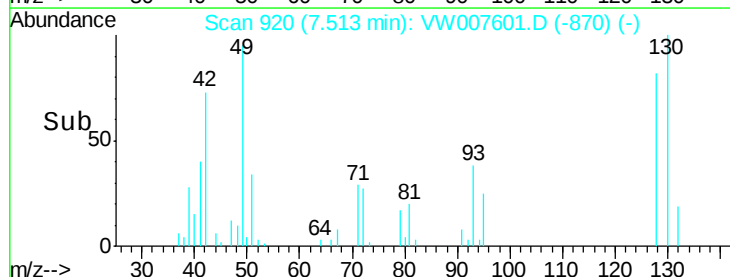
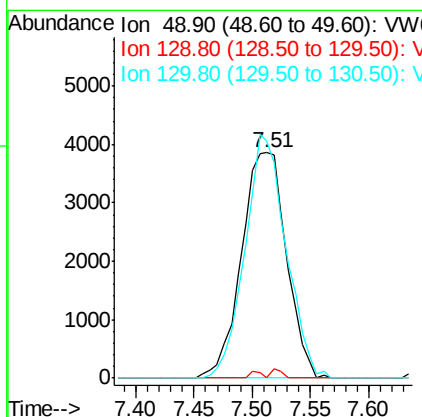
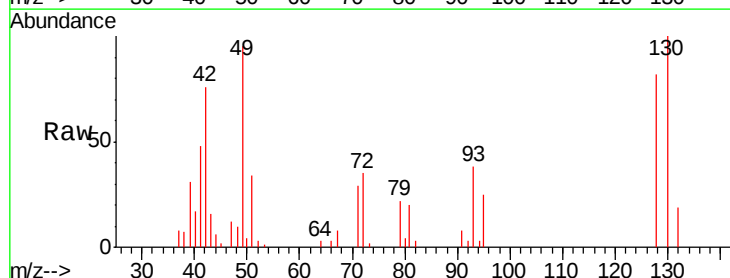
apatel  
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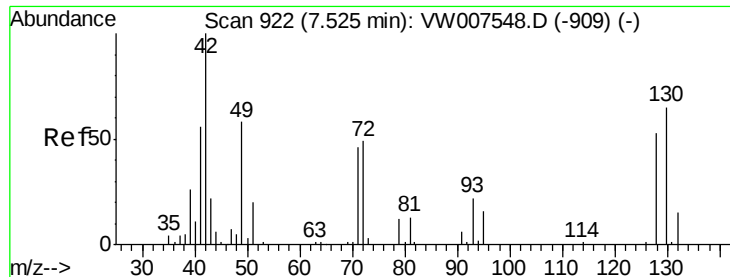


#28

Bromochloromethane  
Concen: 20.667 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.9   | 0.0   | 2.6   |
| 130     | 98.3  | 75.9  | 113.9 |





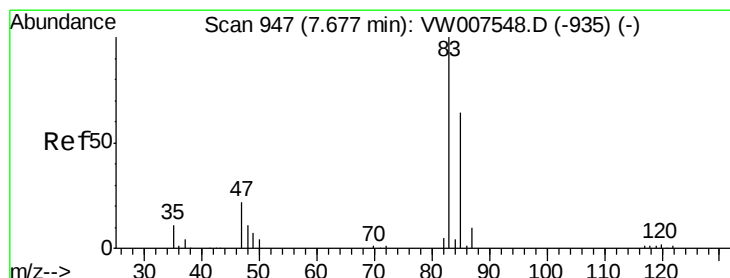
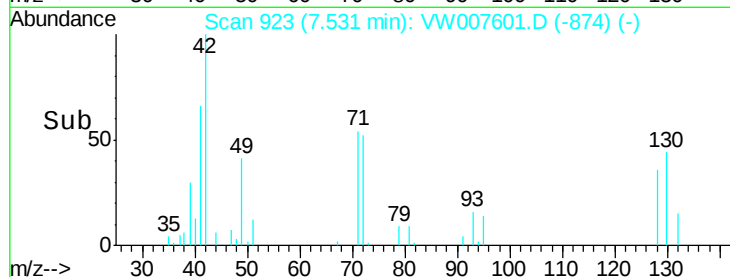
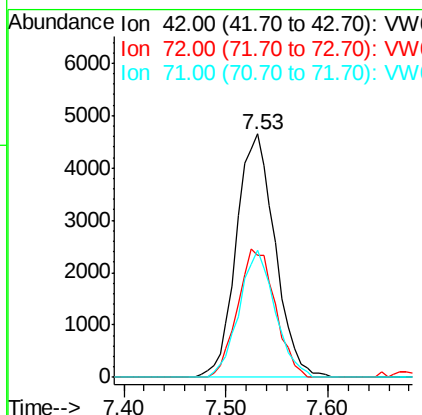
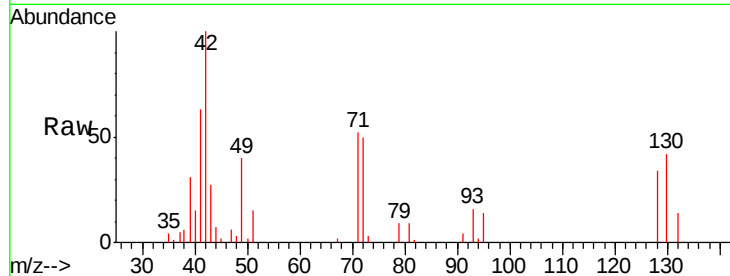
#29  
Tetrahydrofuran  
Concen: 107.705 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.2  | 38.2  | 57.4  |
| 71      | 48.6  | 35.5  | 53.3  |

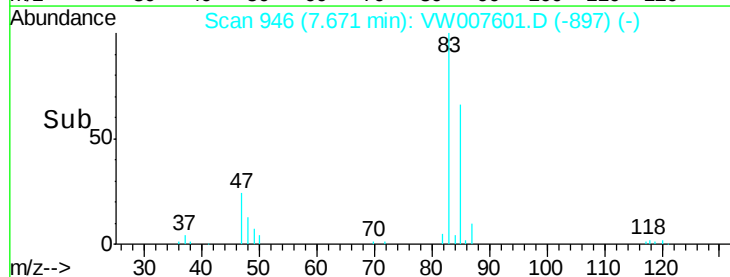
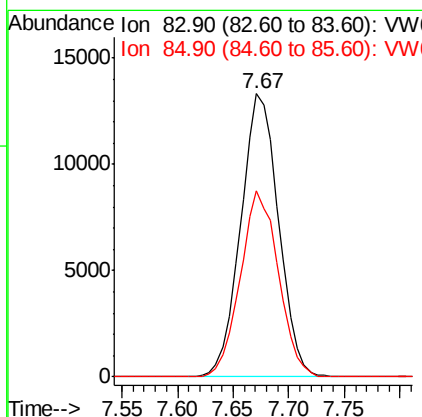
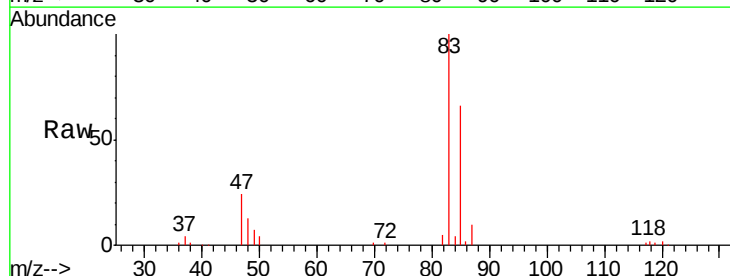
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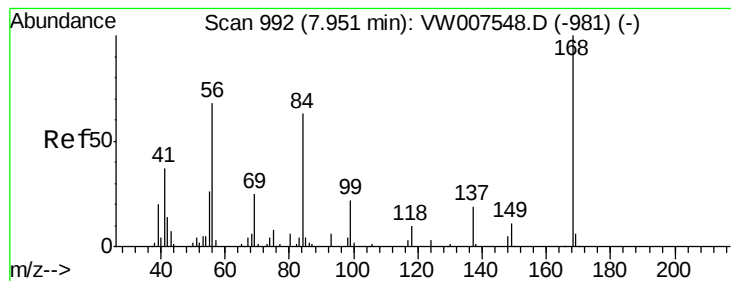
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#30  
Chloroform  
Concen: 21.708 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 51.8  | 77.8  |





#31

Cyclohexane

Concen: 19.763 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 56 Resp: 24131  
Ion Ratio Lower Upper

56 100

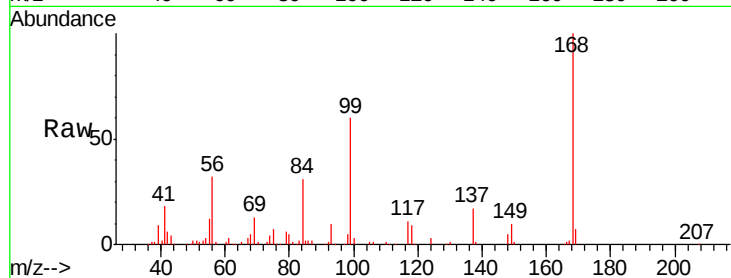
69 38.9 28.9 43.3

84 94.4 71.8 107.6

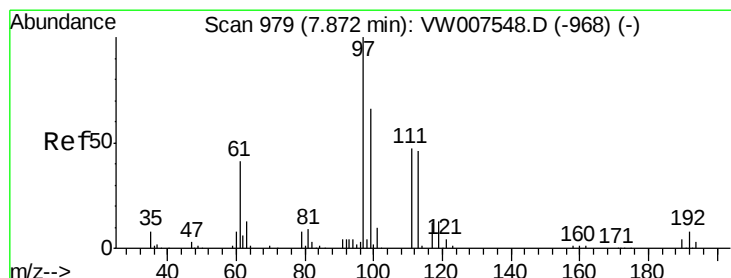
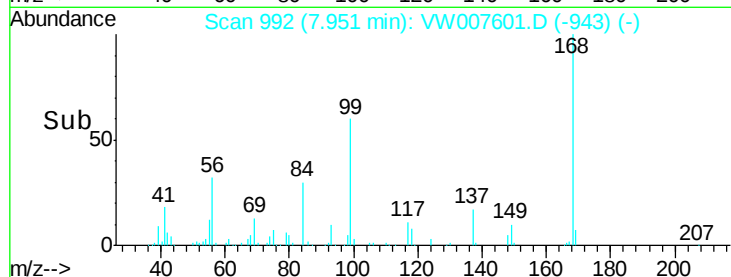
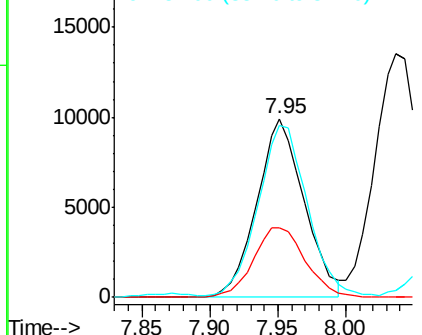
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Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.420 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007601.D

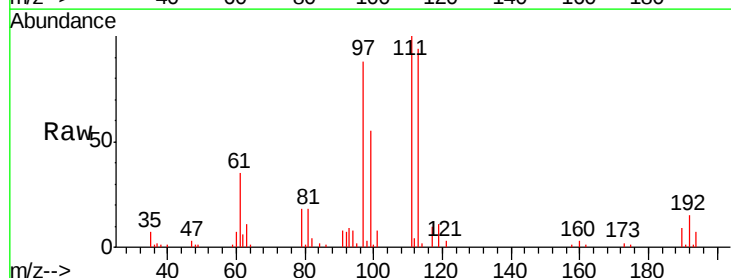
Acq: 16 Dec 2018 01:13

Tgt Ion: 97 Resp: 27205  
Ion Ratio Lower Upper

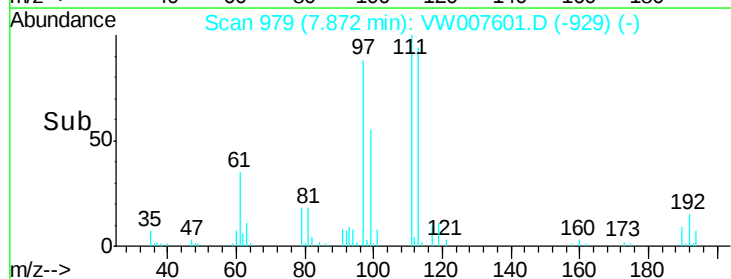
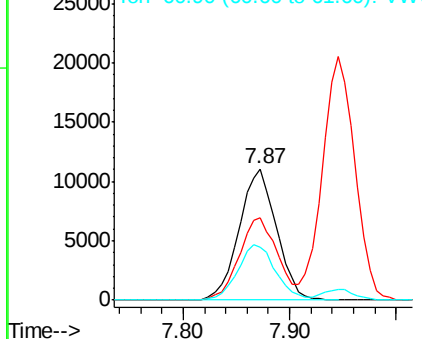
97 100

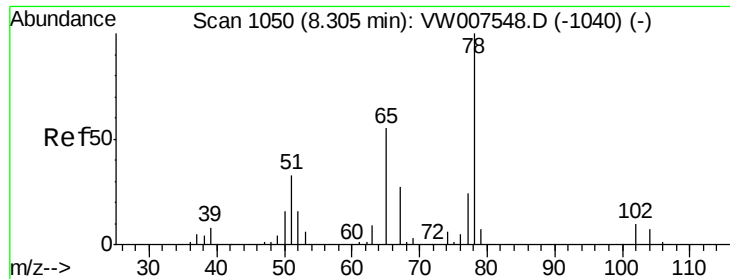
99 63.1 51.1 76.7

61 42.8 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW  
Ion 98.90 (98.60 to 99.60): VW  
Ion 60.90 (60.60 to 61.60): VW





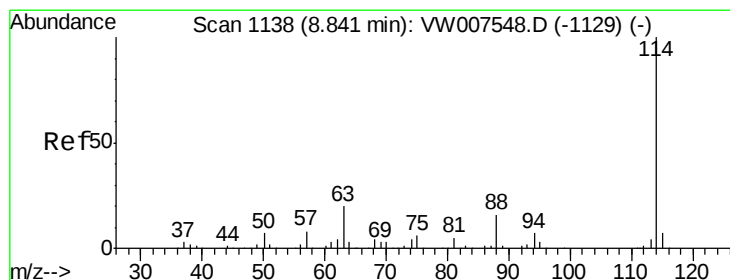
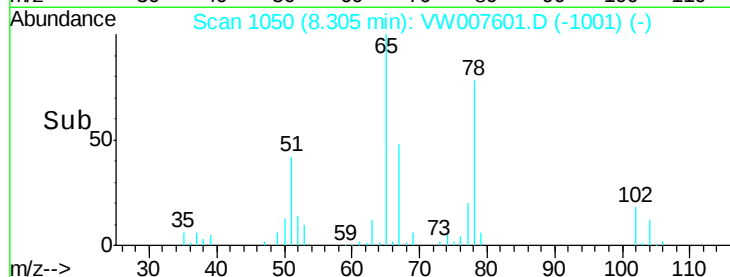
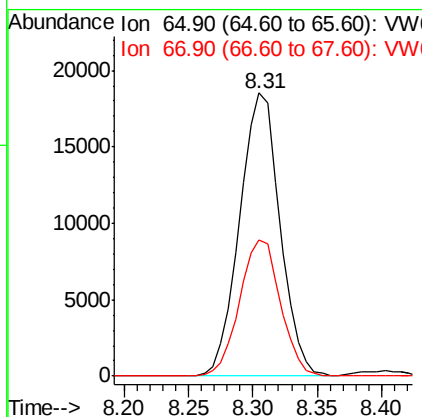
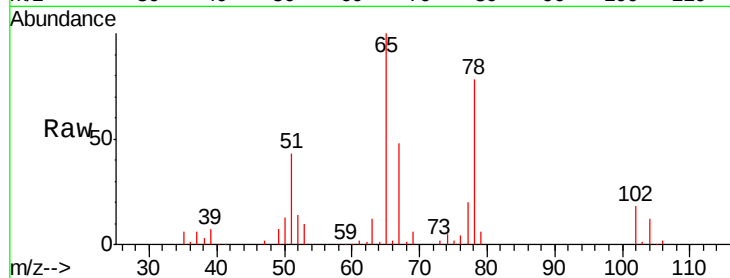
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.165 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 65 Resp: 40216  
 Ion Ratio Lower Upper  
 65 100  
 67 48.6 0.0 101.6

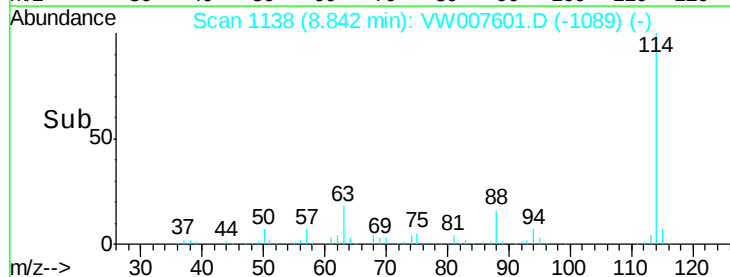
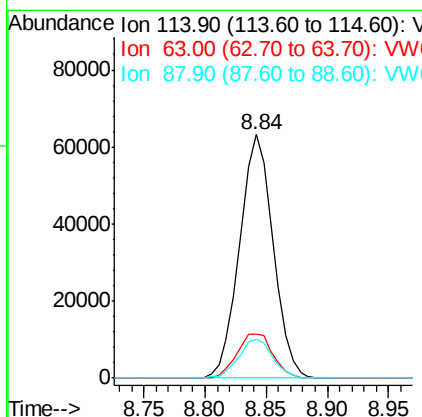
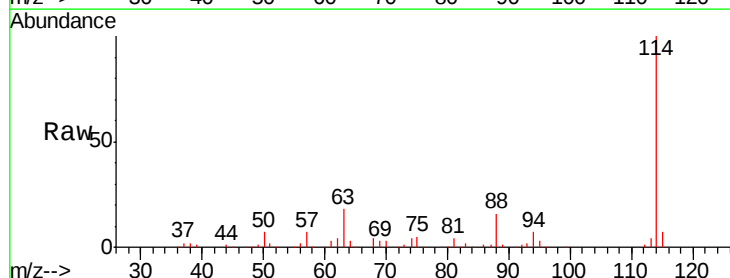
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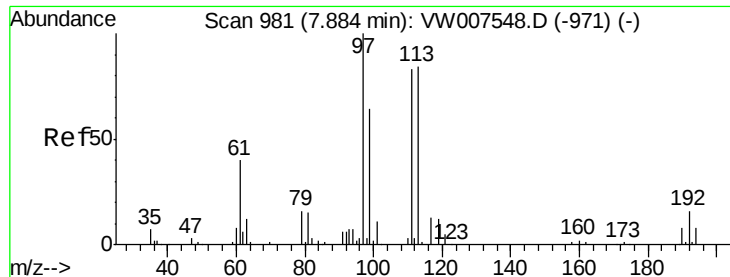
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 114 Resp: 120790  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 39.6  
 88 15.9 0.0 31.4





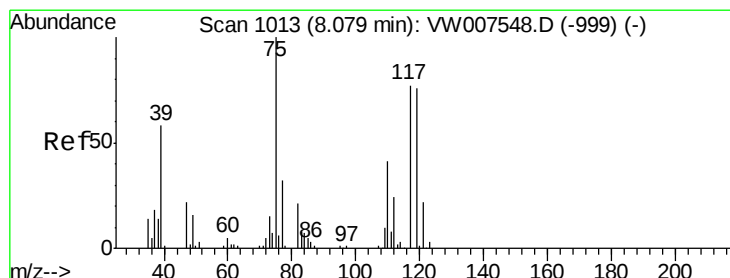
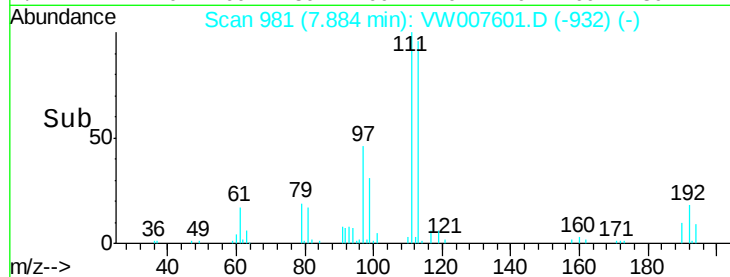
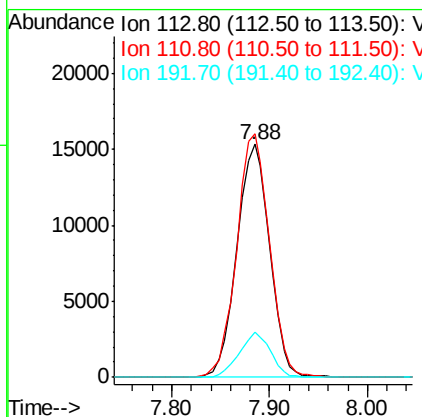
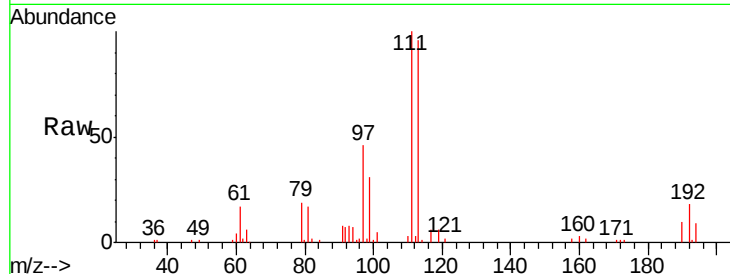
#35  
 Dibromofluoromethane  
 Concen: 48.775 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.6 | 81.1  | 121.7 |
| 192     | 18.4  | 14.6  | 21.8  |

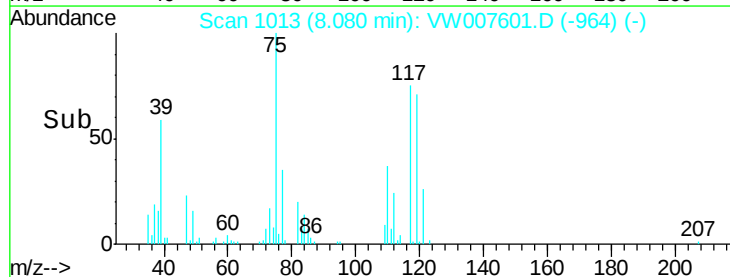
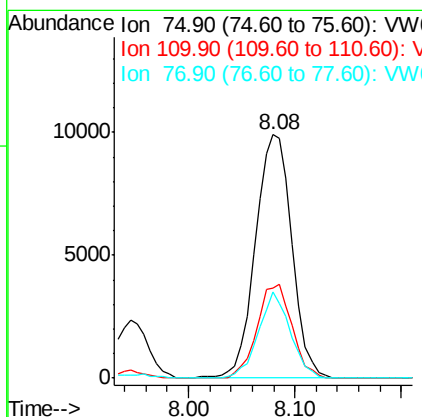
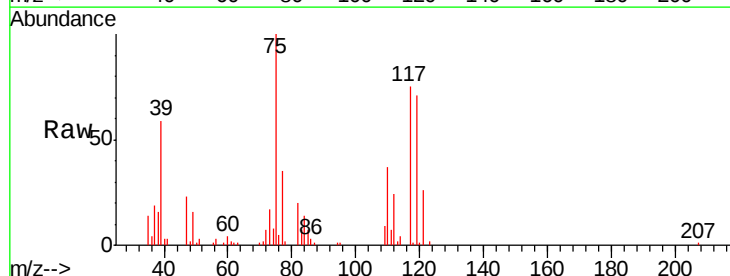
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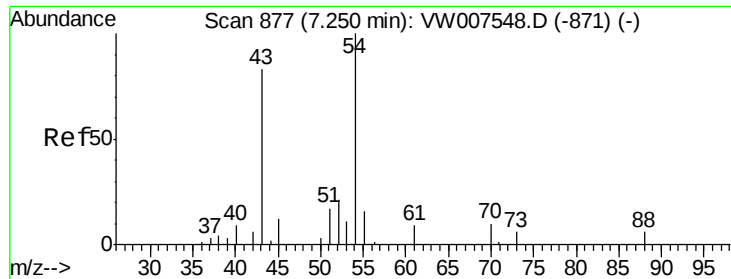
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#36  
 1,1-Dichloropropene  
 Concen: 21.534 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.8  | 18.5  | 55.5  |
| 77      | 30.9  | 25.6  | 38.4  |





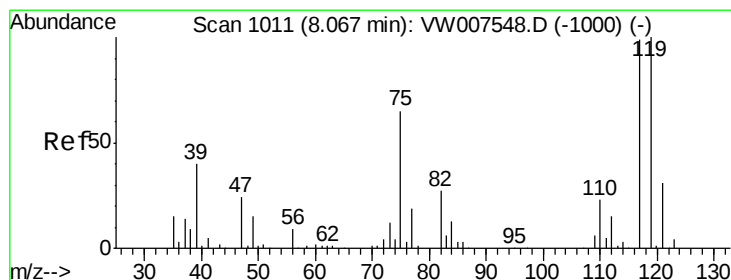
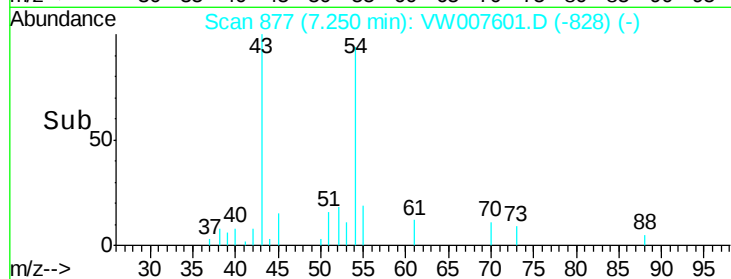
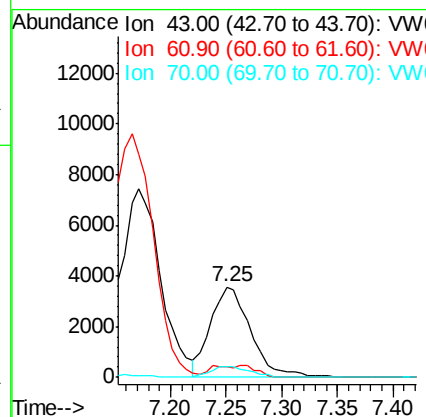
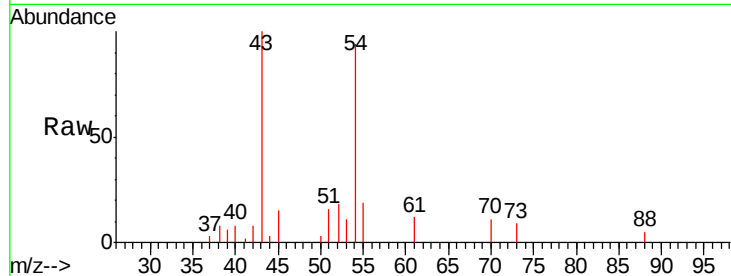
#37  
Ethyl Acetate  
Concen: 21.865 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 43 Resp: 8961  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.1 18.1#  
70 11.5 10.0 15.0

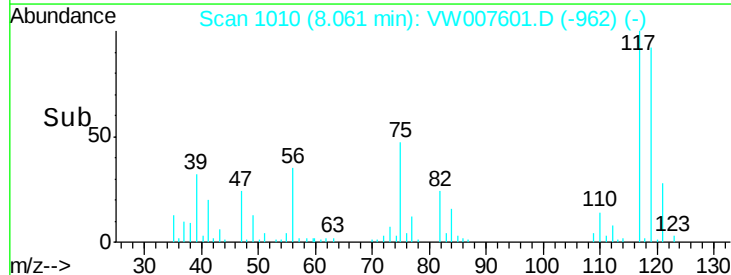
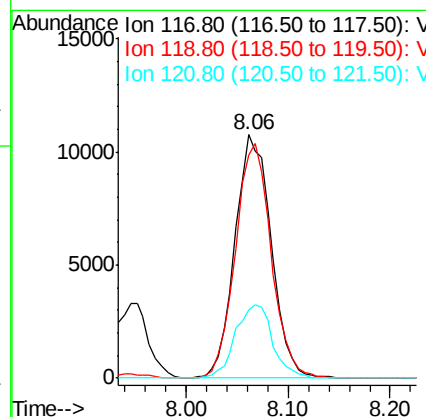
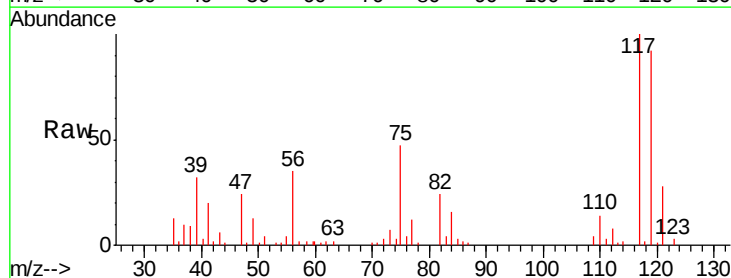
Manual Integrations  
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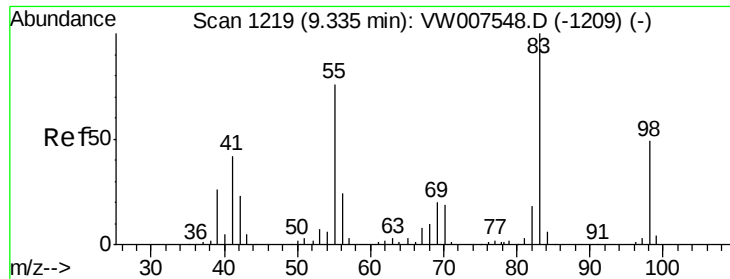
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#38  
Carbon Tetrachloride  
Concen: 22.065 ug/l  
RT: 8.06 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 117 Resp: 26455  
Ion Ratio Lower Upper  
117 100  
119 91.9 74.3 111.5  
121 28.3 24.3 36.5





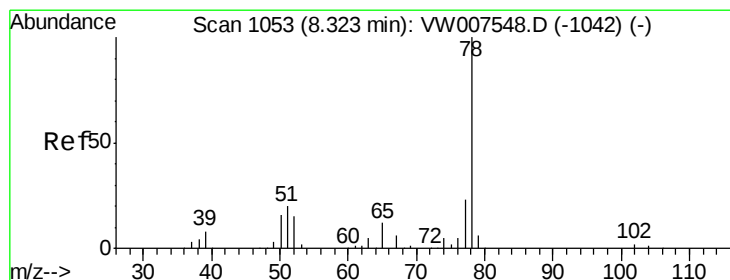
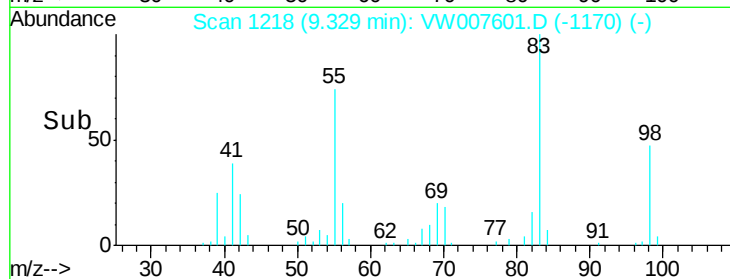
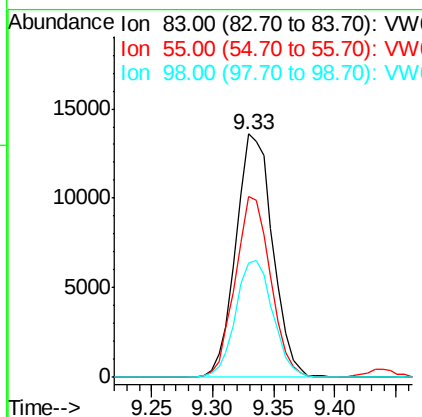
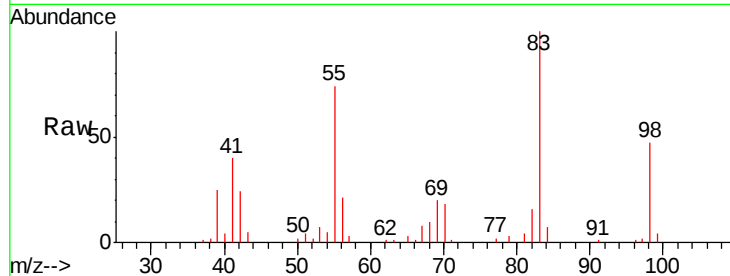
#39  
Methylcyclohexane  
Concen: 21.334 ug/l  
RT: 9.33 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampled :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.5  | 62.8  | 94.2  |
| 98      | 46.9  | 42.2  | 63.2  |

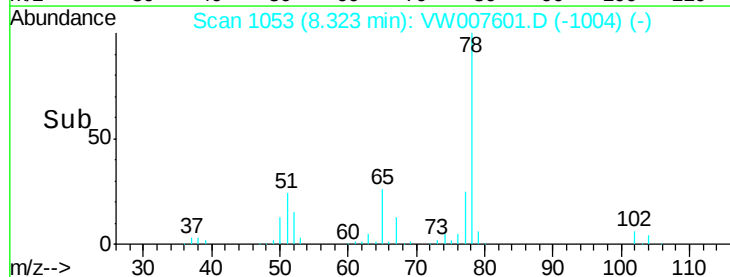
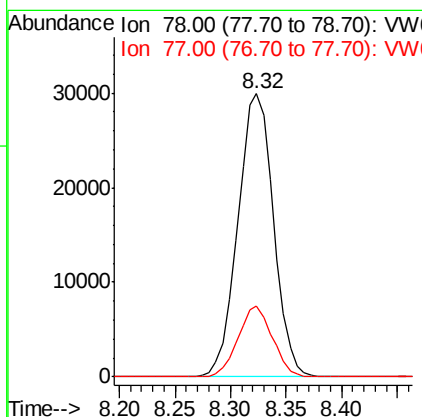
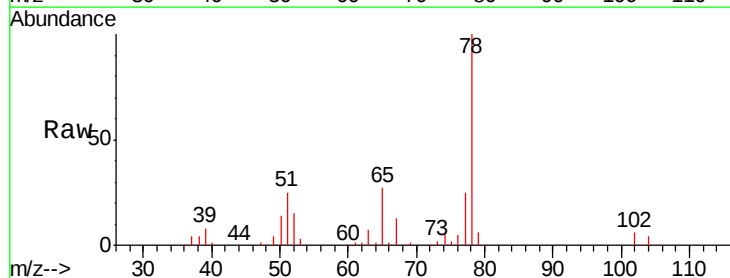
Manual Integrations  
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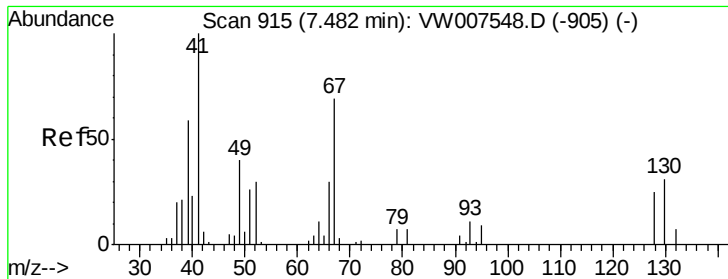
apatel  
12/17/2018 4:40:32 PM



#40  
Benzene  
Concen: 21.768 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.0  | 18.8  | 28.2  |





#41

Methacrylonitrile

Concen: 25.002 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 41 Resp: 5835

Ion Ratio Lower Upper

41 100

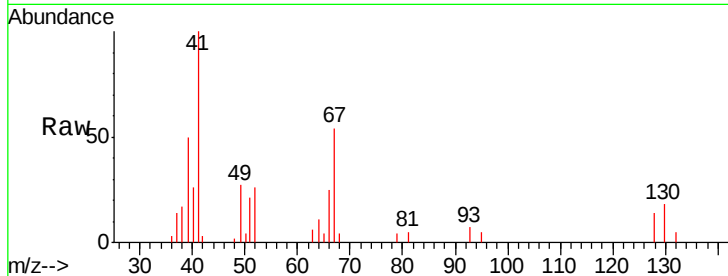
39 59.3 52.2 78.2

67 66.5 60.5 90.7

52 29.5 25.3 37.9

Manual Integrations  
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apatel  
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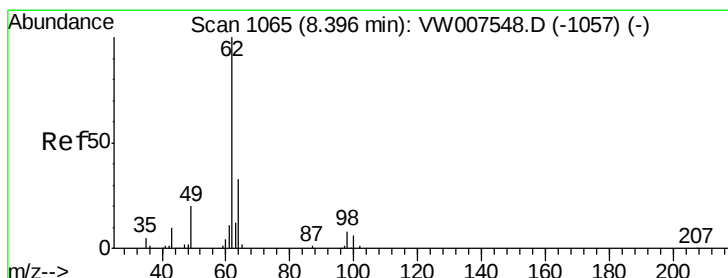
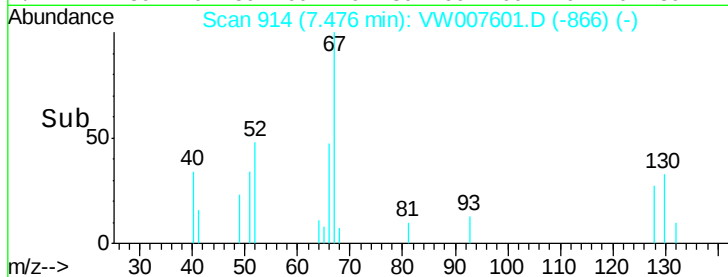
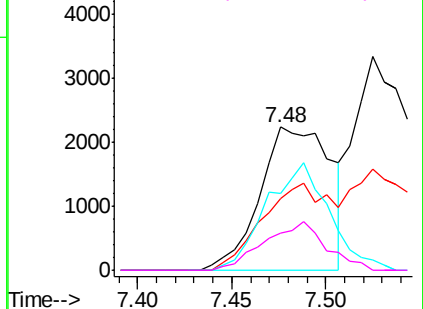


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.612 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW007601.D

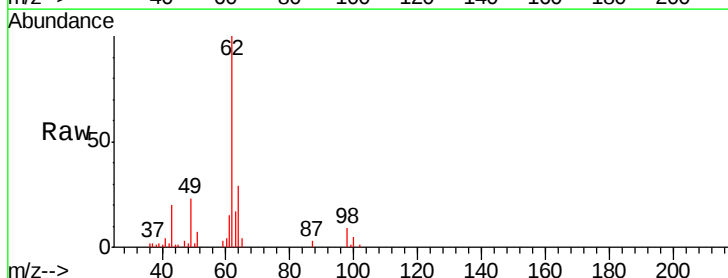
Acq: 16 Dec 2018 01:13

Tgt Ion: 62 Resp: 21721

Ion Ratio Lower Upper

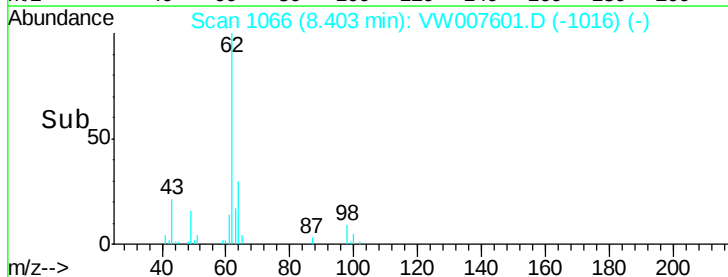
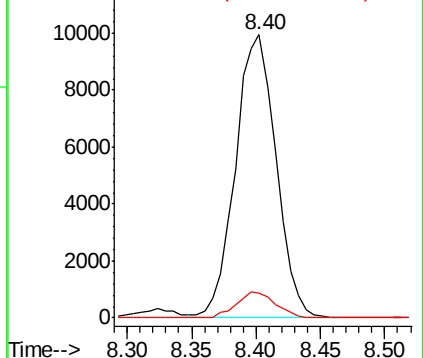
62 100

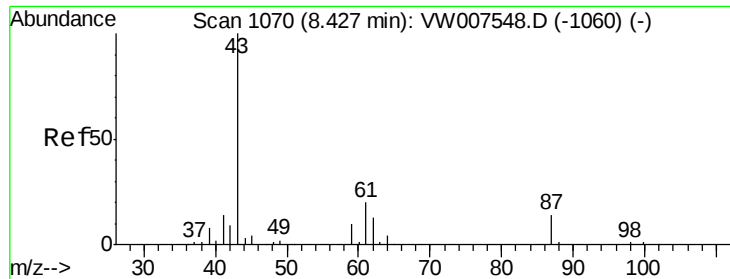
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.949 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

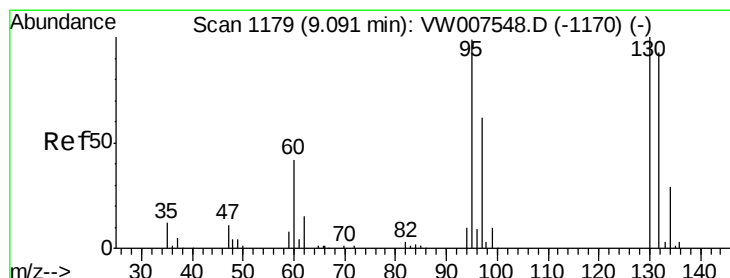
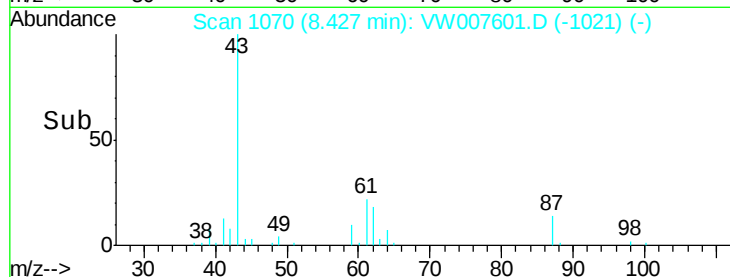
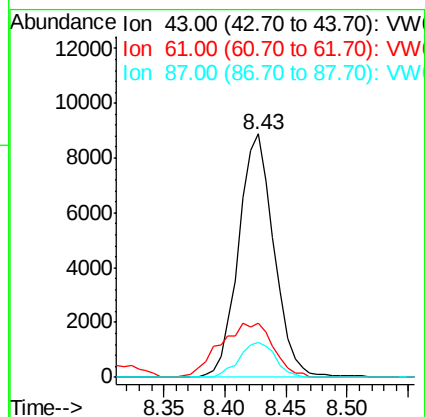
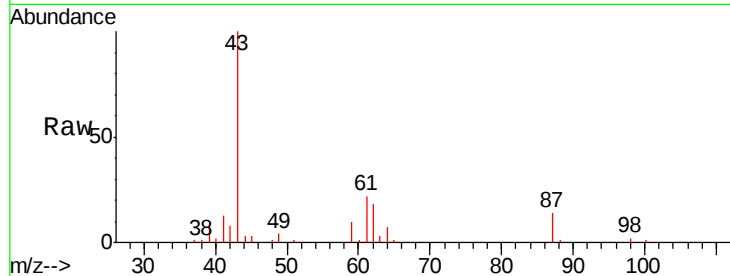
ClientSampleId :

VW1218SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17769 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.6  | 25.3  | 37.9  |
| 87       | 14.6  | 11.8  | 17.8  |

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#44

Trichloroethene

Concen: 21.666 ug/l

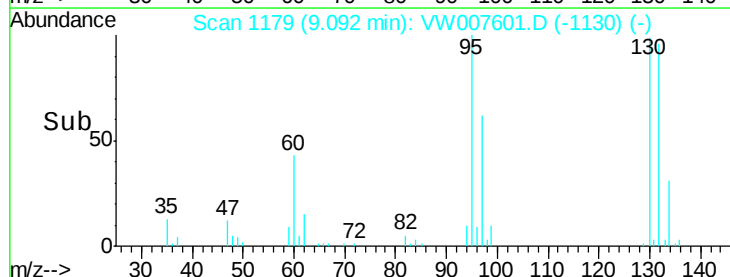
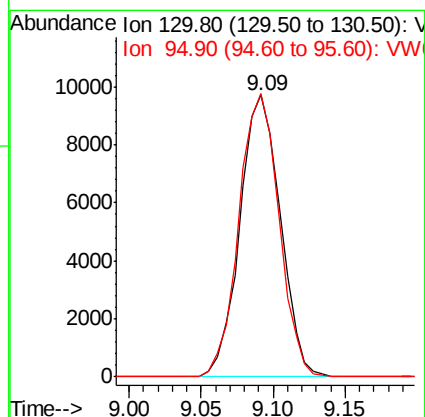
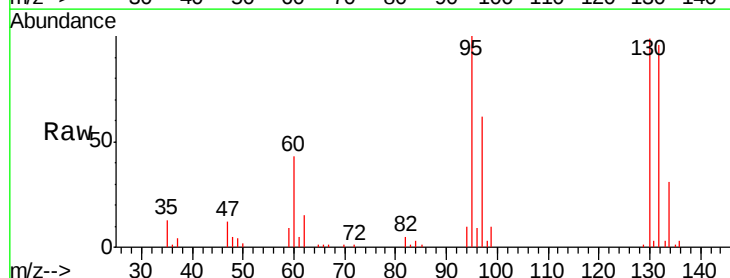
RT: 9.09 min Scan# 1179

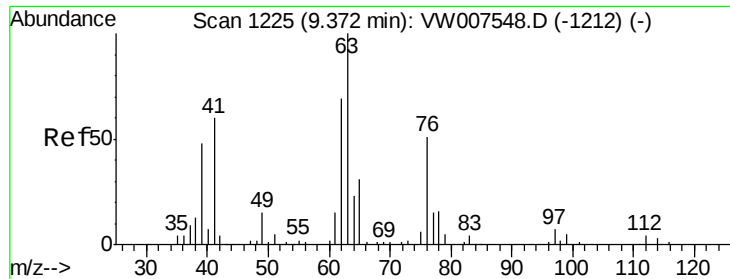
Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 18919 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.5 | 0.0   | 193.2 |





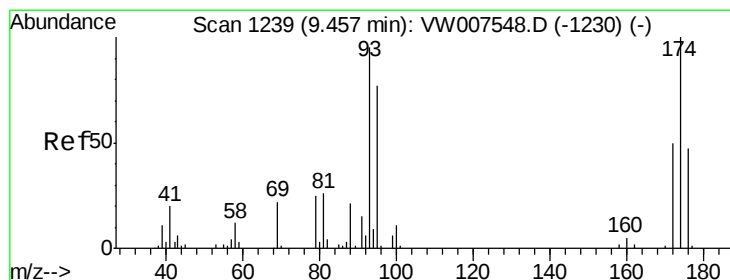
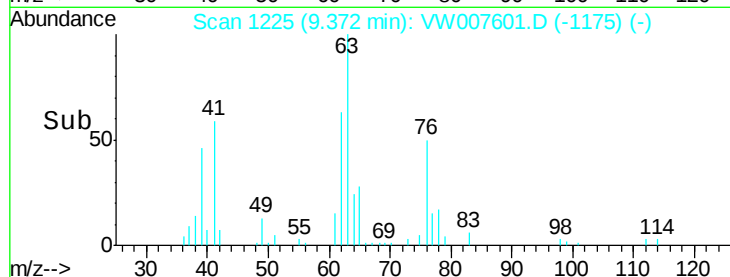
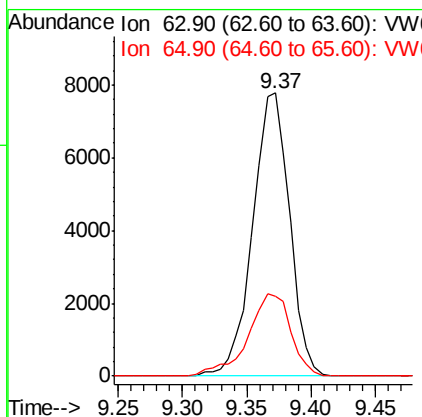
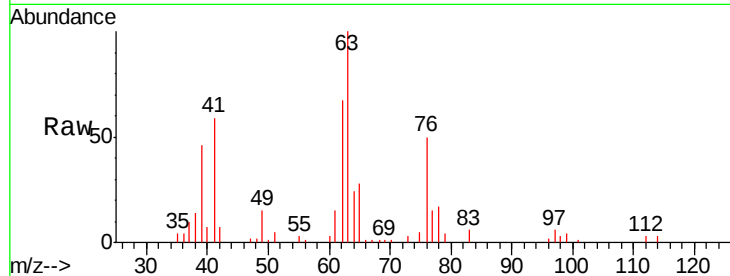
#45  
 1,2-Dichloropropane  
 Concen: 21.810 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 63 Resp: 15434  
 Ion Ratio Lower Upper  
 63 100  
 65 28.1 24.4 36.6

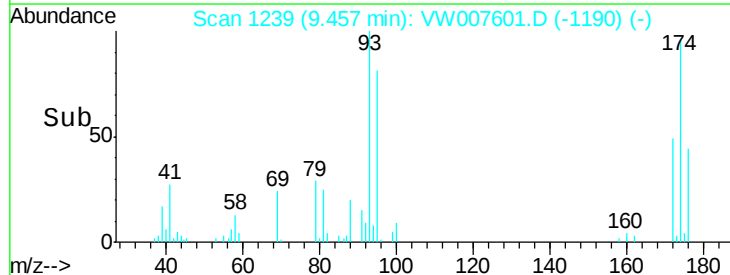
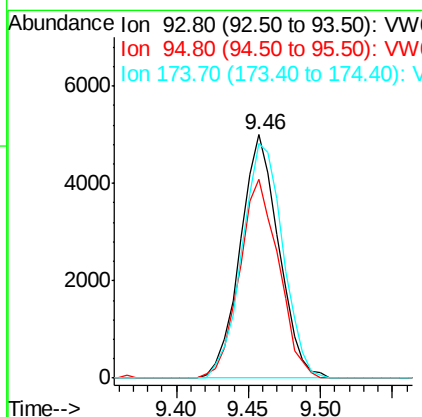
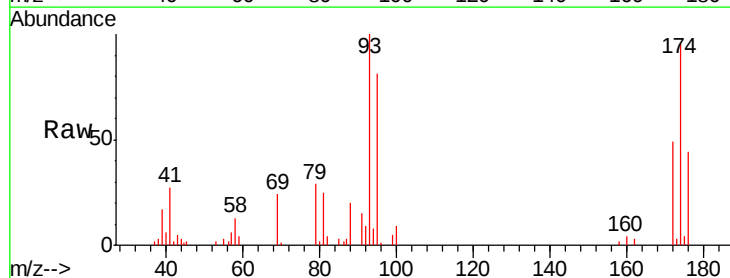
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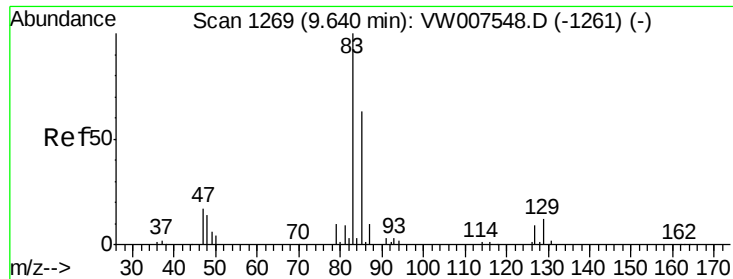
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#46  
 Dibromomethane  
 Concen: 23.006 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 93 Resp: 9245  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 68.0 102.0  
 174 102.1 83.2 124.8





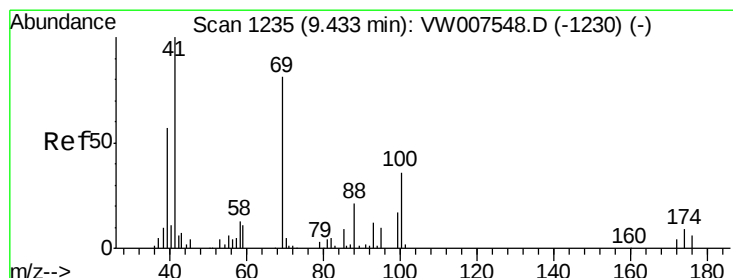
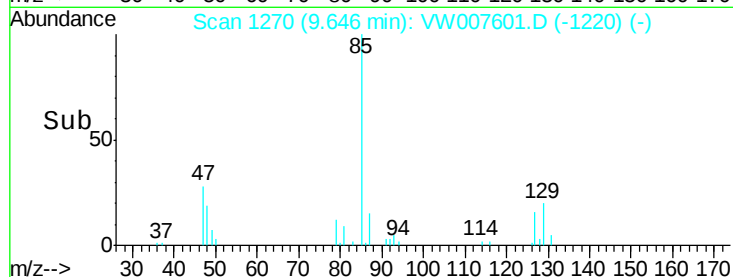
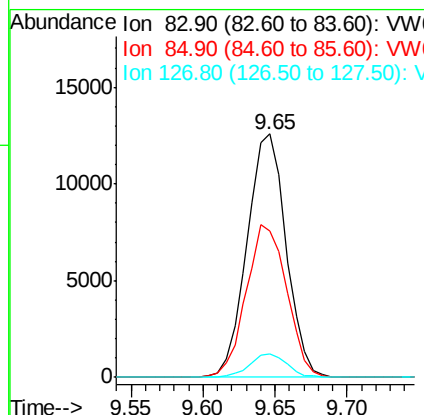
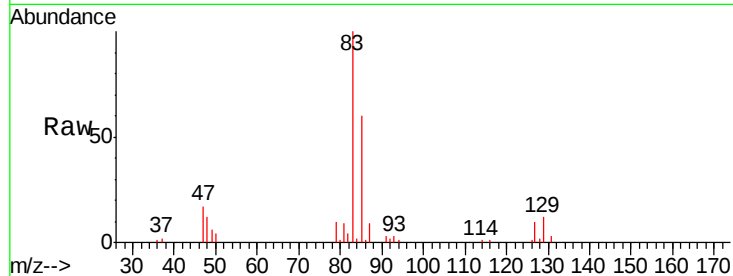
#47  
Bromodichloromethane  
Concen: 22.367 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.2  | 47.6  | 71.4  |
| 127     | 9.9   | 6.7   | 10.1  |

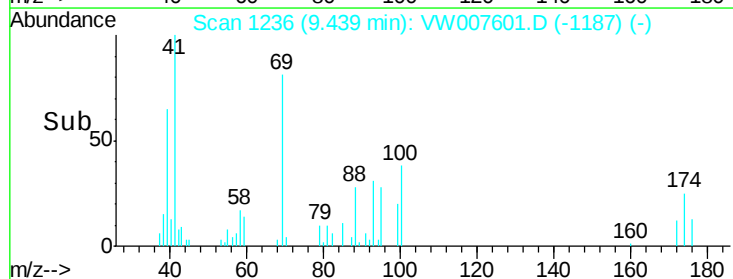
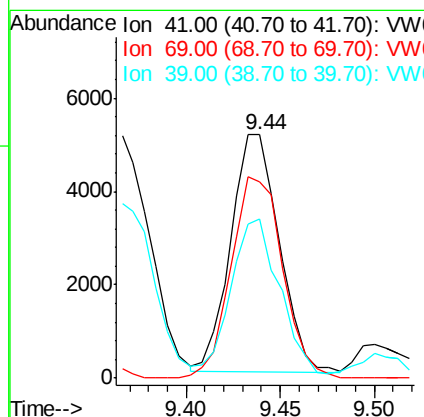
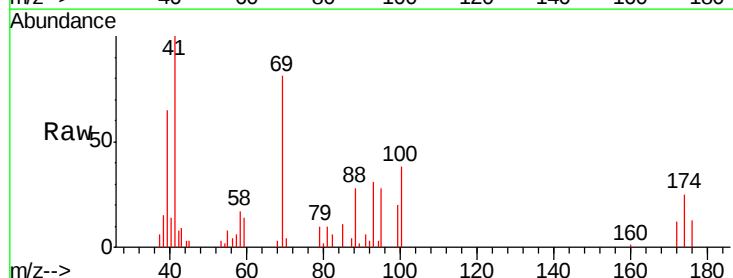
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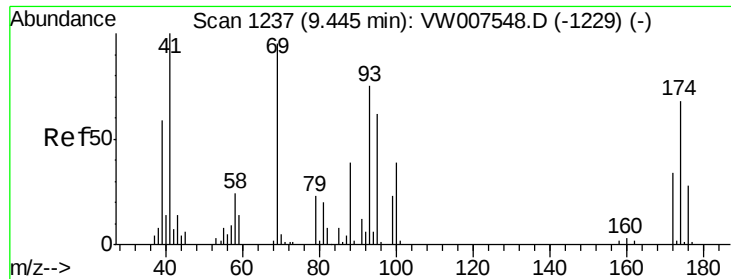
apatel  
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#48  
Methyl methacrylate  
Concen: 21.820 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 90.5  | 69.8  | 104.8 |
| 39      | 64.2  | 50.9  | 76.3  |





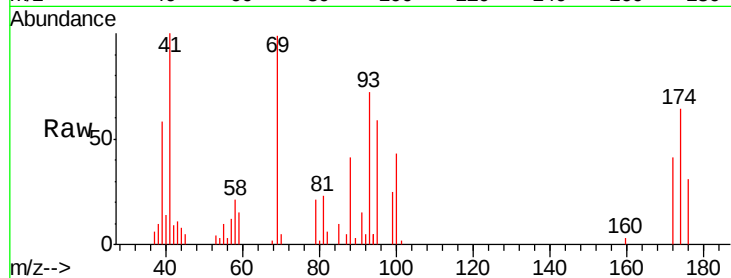
#49  
1,4-Dioxane  
Concen: 463.772 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

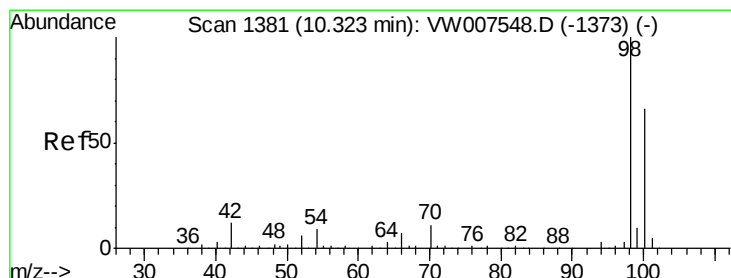
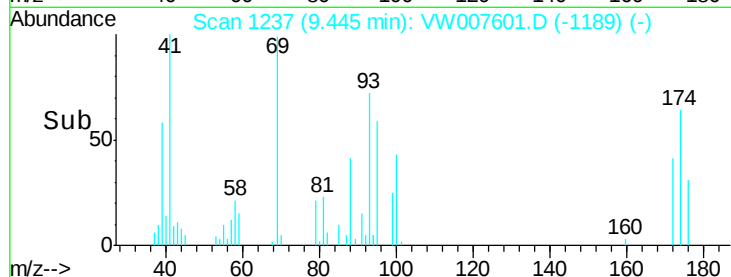
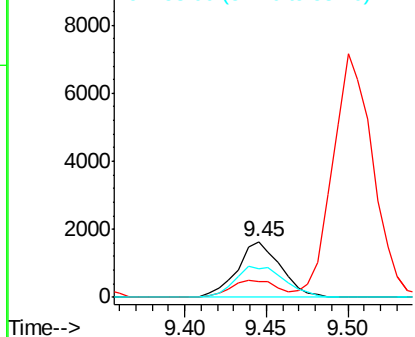
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.9  | 25.0  | 37.4  |
| 58      | 64.2  | 51.4  | 77.2  |

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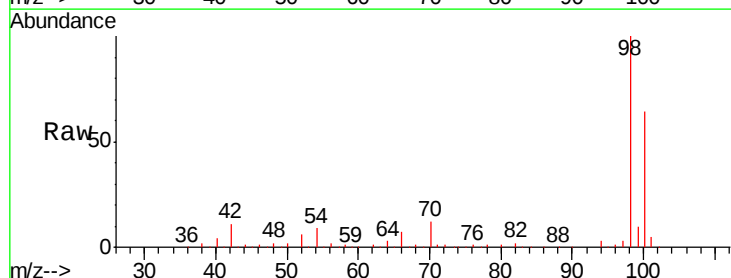


Abundance Ion 88.00 (87.70 to 88.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 58.00 (57.70 to 58.70): VW

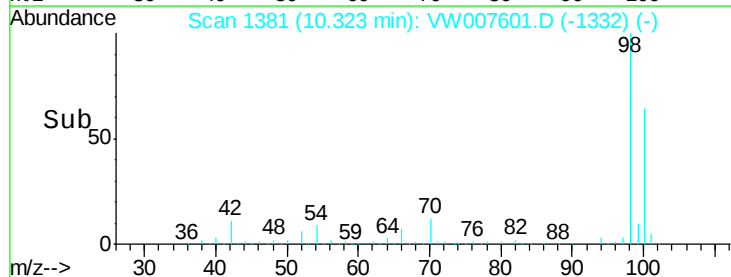
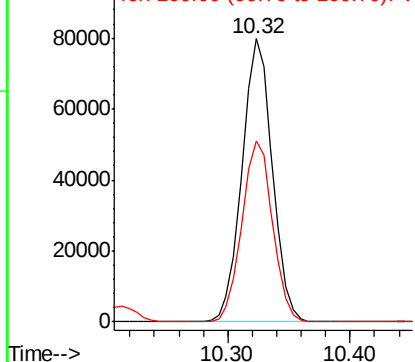


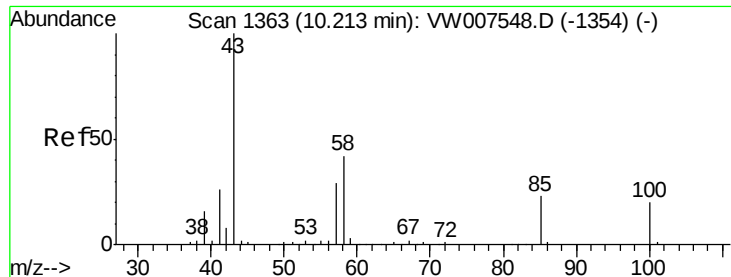
#50  
Toluene-d8  
Concen: 49.977 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.8  | 77.8  |



Abundance Ion 98.00 (97.70 to 98.70): VW  
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 108.745 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 43 Resp: 41596

Ion Ratio Lower Upper

43 100

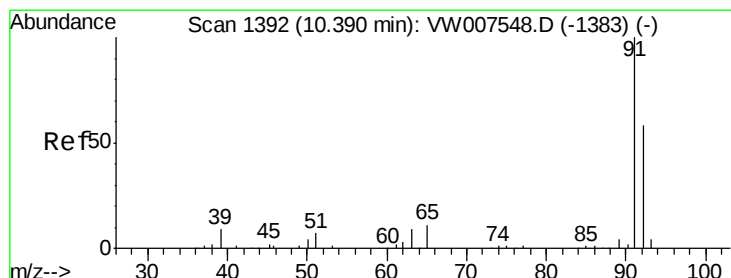
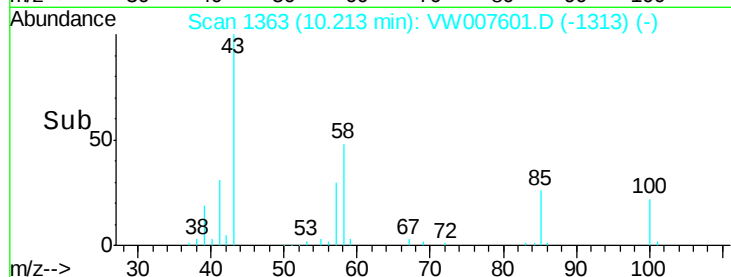
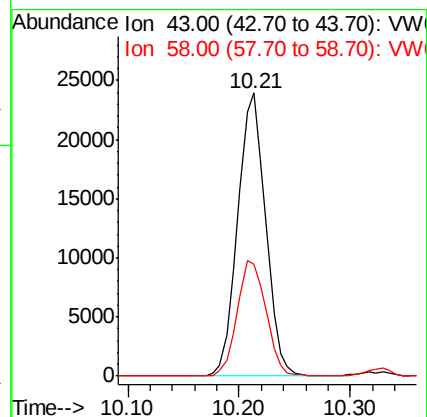
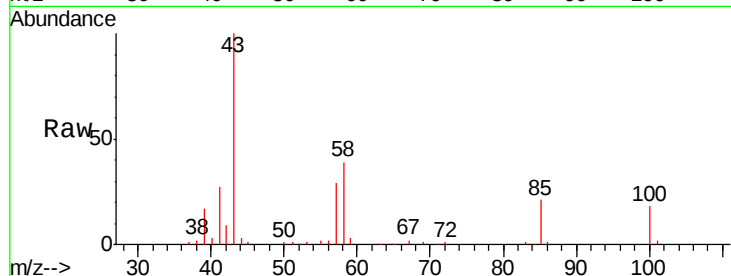
58 41.9 33.1 49.7

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#52

Toluene

Concen: 22.445 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007601.D

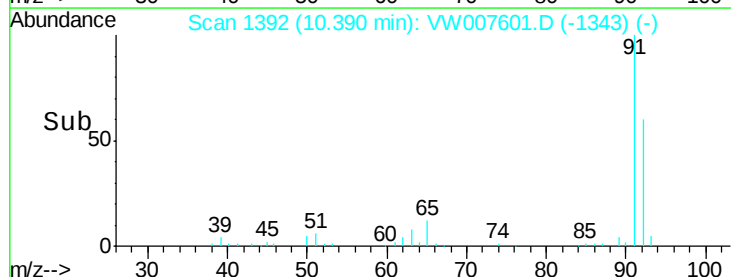
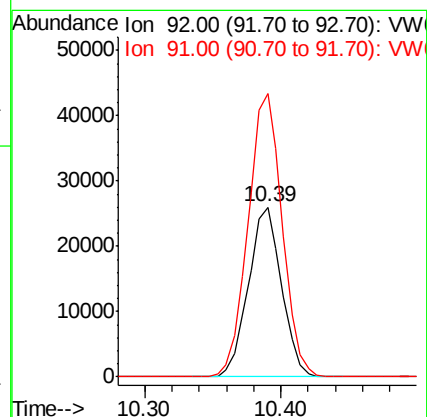
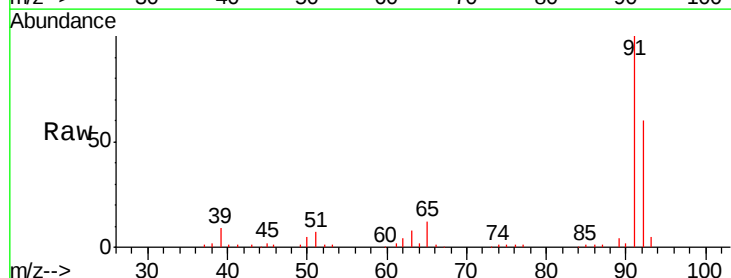
Acq: 16 Dec 2018 01:13

Tgt Ion: 92 Resp: 44418

Ion Ratio Lower Upper

92 100

91 170.7 136.2 204.2





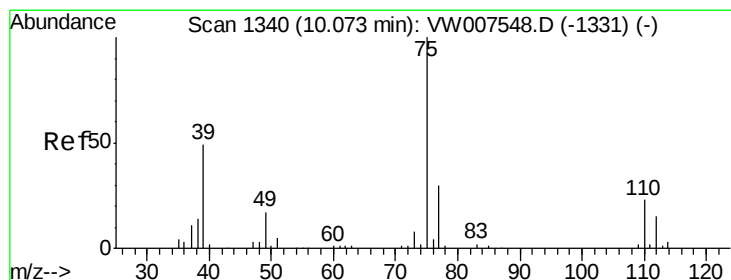
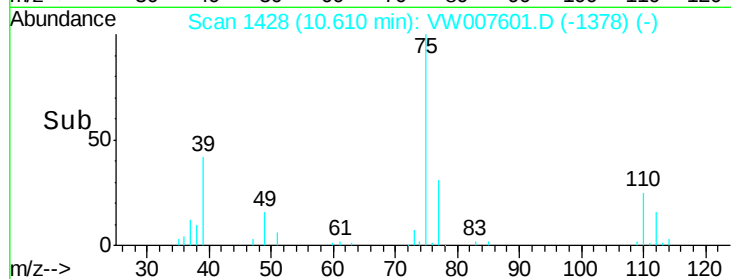
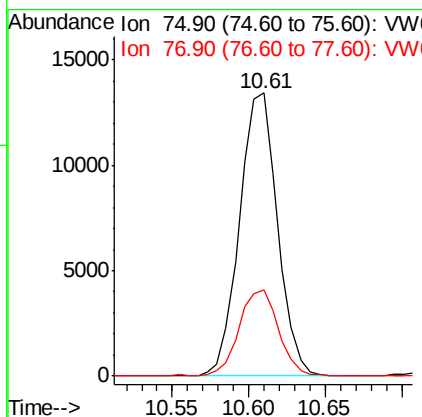
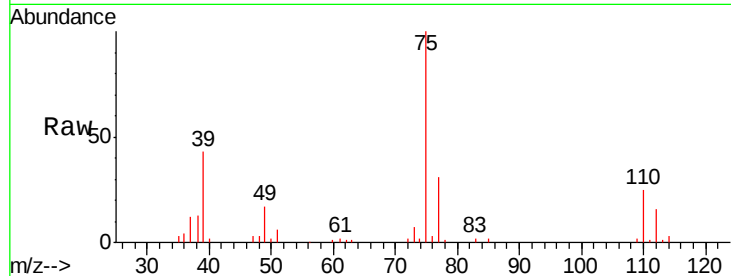
#53  
 t-1,3-Dichloropropene  
 Concen: 22.593 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.01 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 75 Resp: 23120  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 26.2 39.4

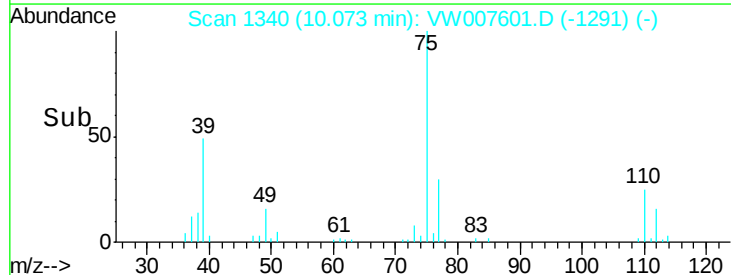
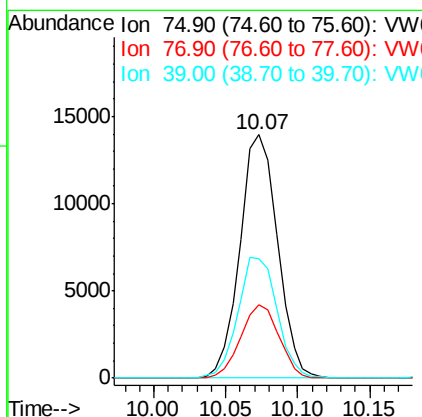
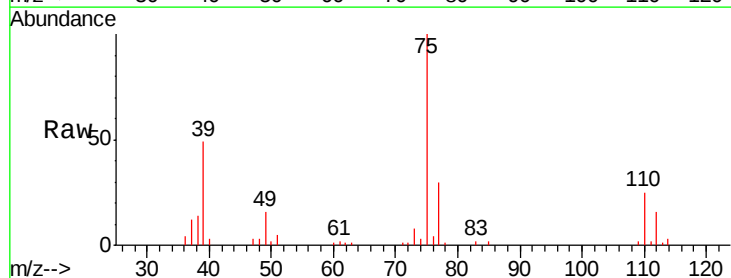
Manual Integrations  
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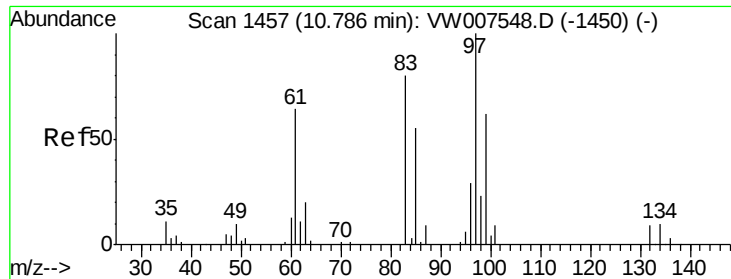
apatel  
 12/17/2018 4:40:32 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.399 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 75 Resp: 25315  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 24.8 37.2  
 39 48.9 40.9 61.3





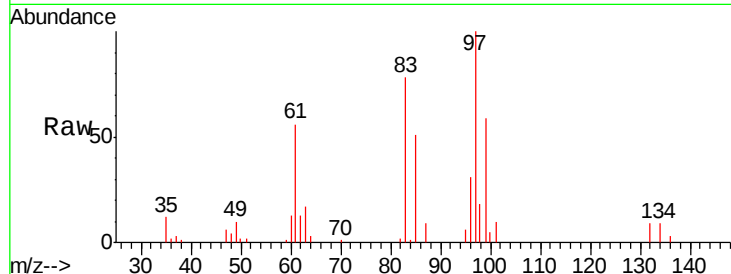
#55  
 1,1,2-Trichloroethane  
 Concen: 23.672 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 12947 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.0  | 62.1  | 93.1  |
| 85       | 50.5  | 44.2  | 66.4  |
| 99       | 59.0  | 50.2  | 75.4  |

Manual Integrations  
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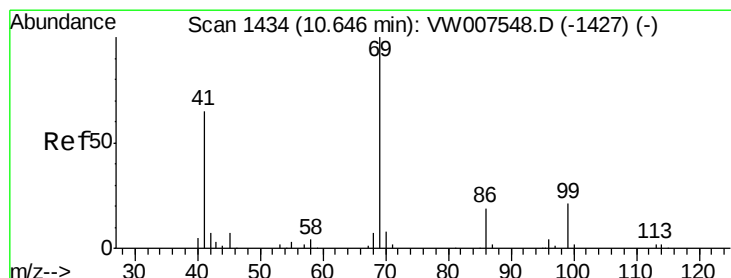
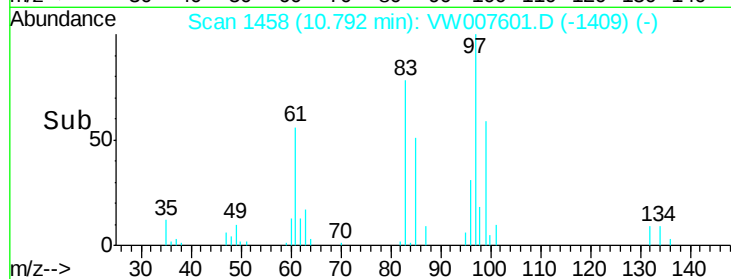
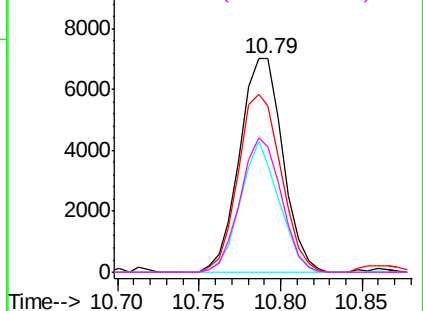
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56  
 Ethyl methacrylate  
 Concen: 22.964 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

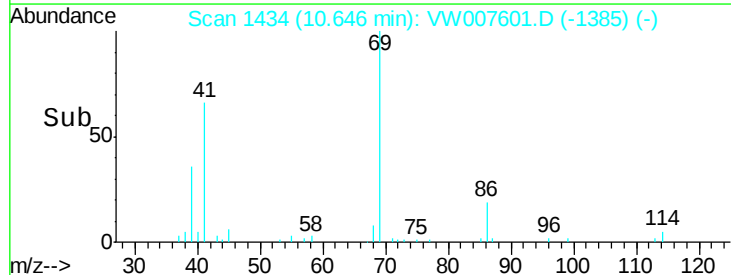
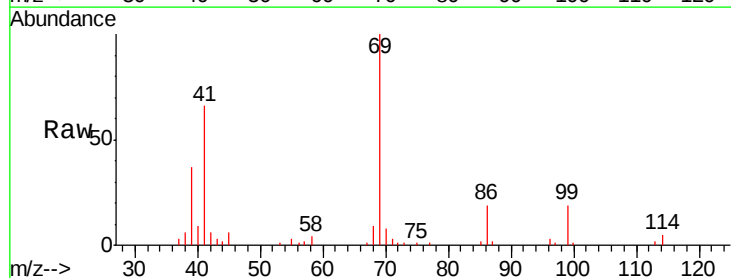
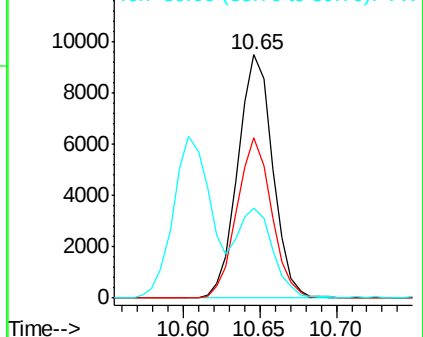
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 15096 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.7  | 51.0  | 76.6  |
| 39       | 37.8  | 30.8  | 46.2  |

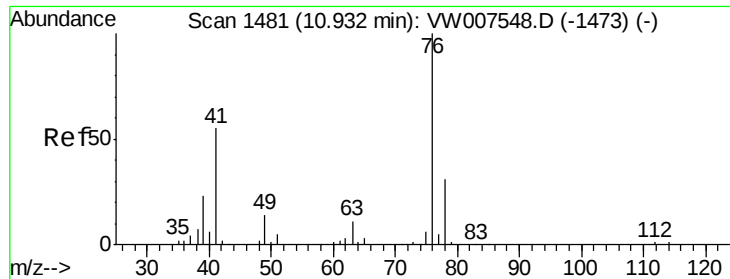
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





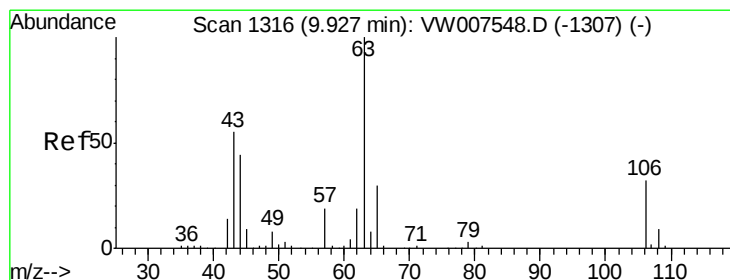
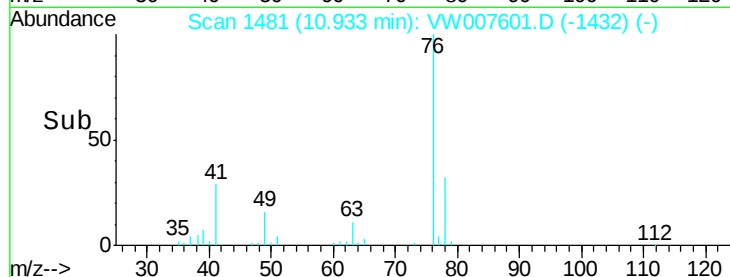
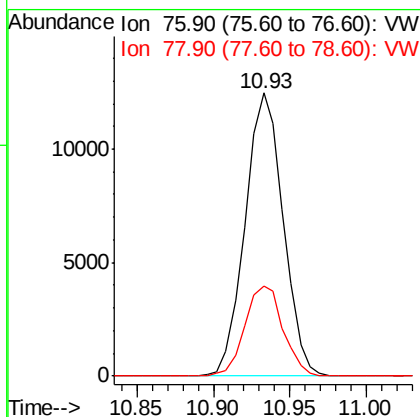
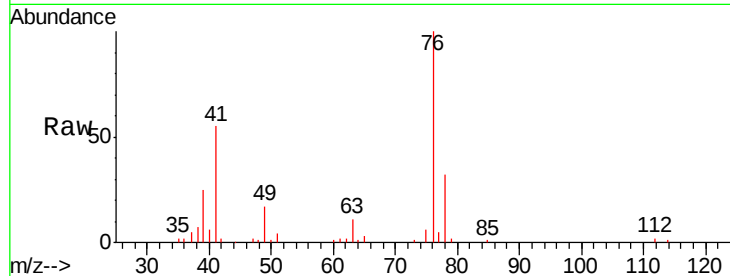
#57  
 1,3-Dichloropropane  
 Concen: 23.992 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 76 Resp: 21538  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 26.2 39.4

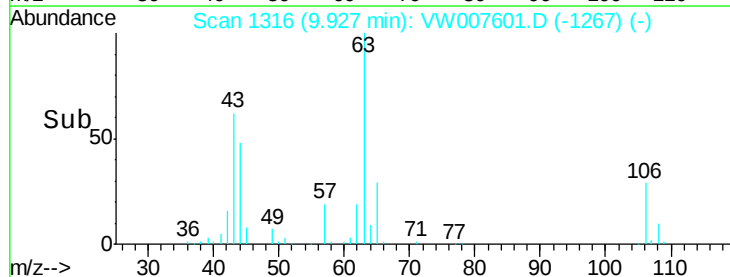
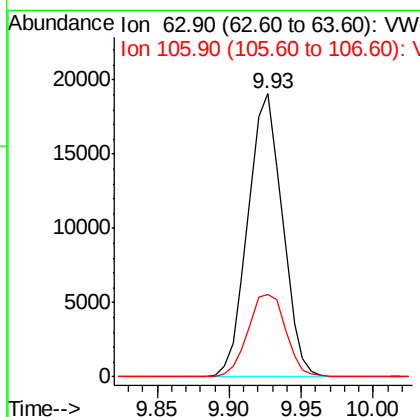
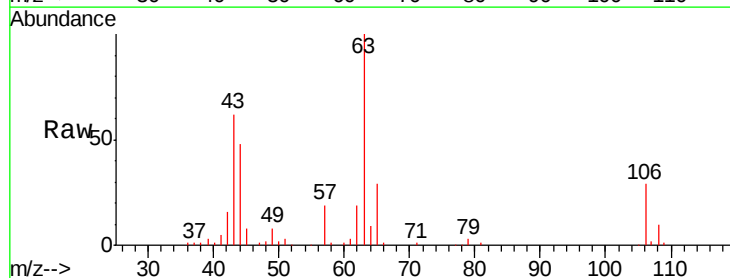
Manual Integrations  
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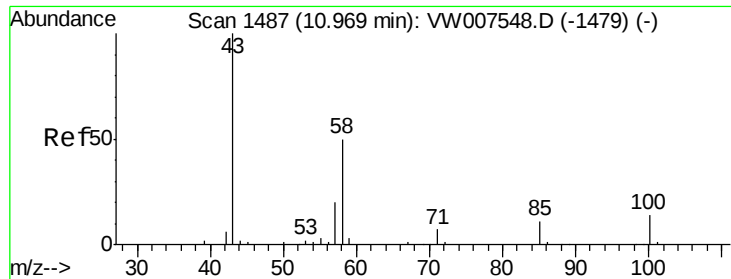
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 104.439 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 63 Resp: 31661  
 Ion Ratio Lower Upper  
 63 100  
 106 32.0 25.0 37.6





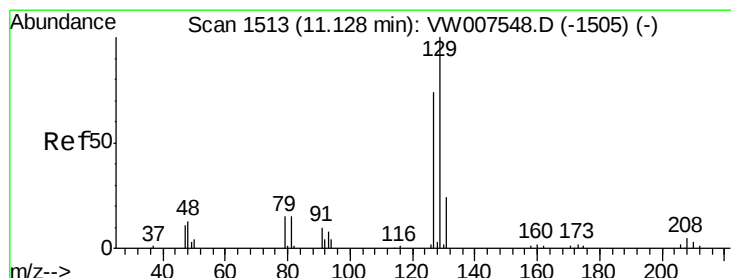
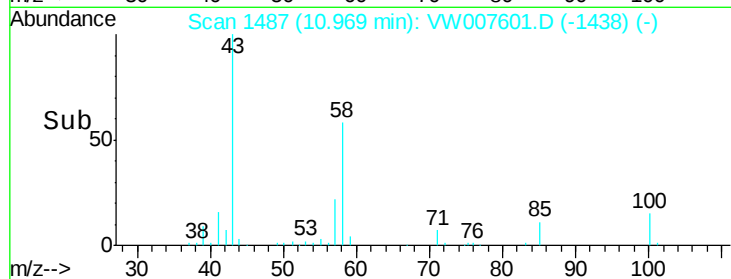
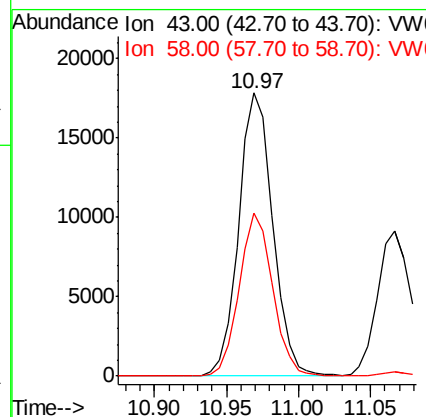
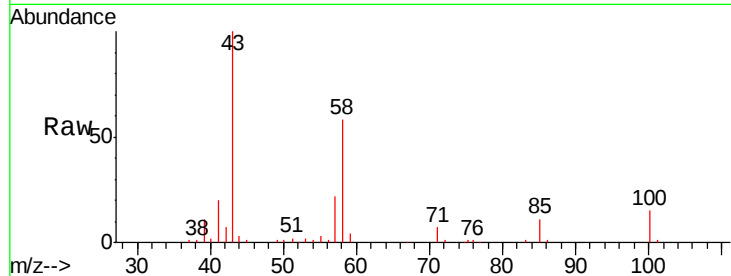
#59  
2-Hexanone  
Concen: 115.014 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 43 Resp: 29335  
Ion Ratio Lower Upper  
43 100  
58 56.6 27.1 81.3

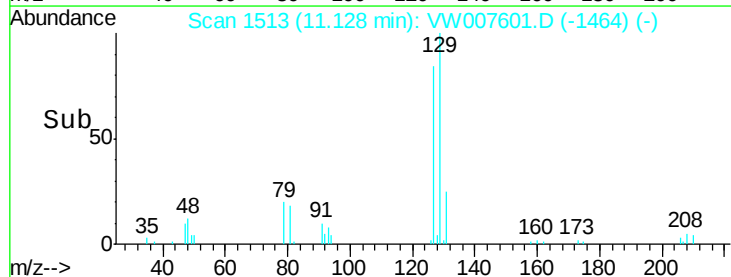
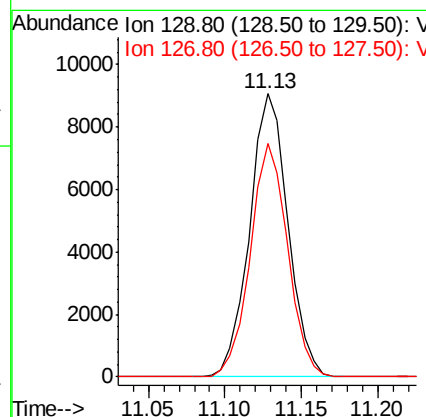
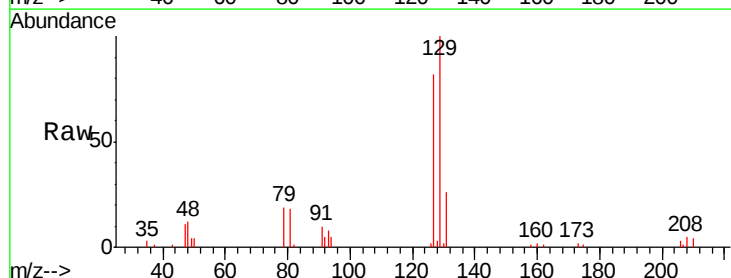
Manual Integrations  
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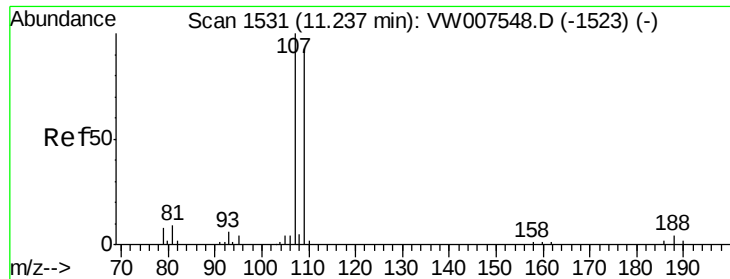
apatel  
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#60  
Dibromochloromethane  
Concen: 22.877 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 129 Resp: 15790  
Ion Ratio Lower Upper  
129 100  
127 80.2 38.1 114.3





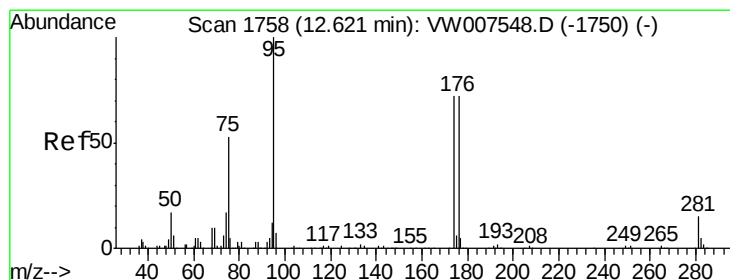
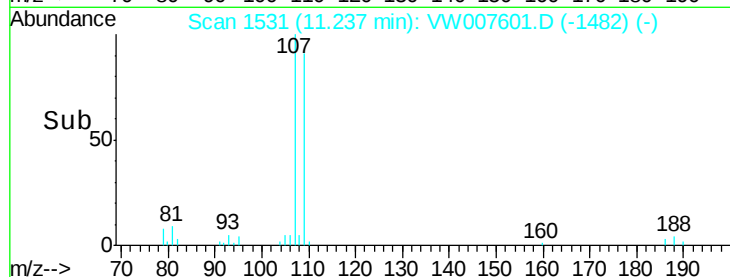
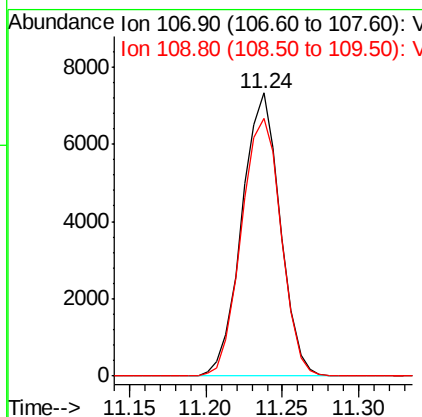
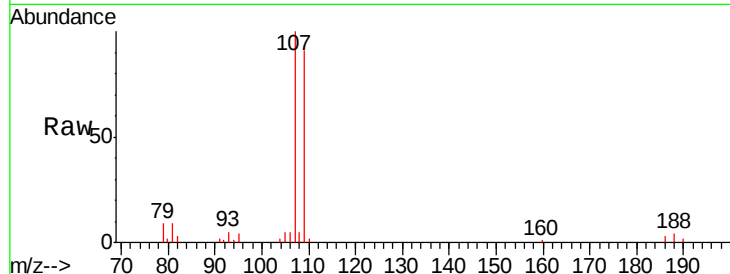
#61  
 1,2-Dibromoethane  
 Concen: 23.584 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

Tgt Ion: 107 Resp: 12747  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 79.1 118.7

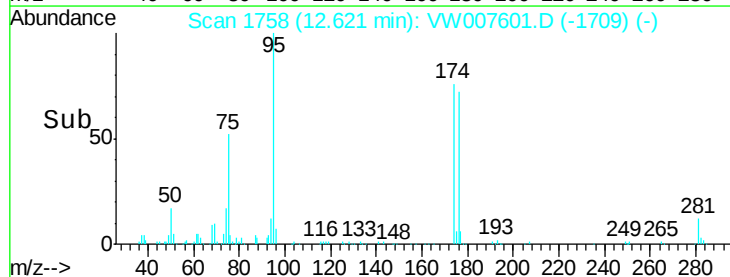
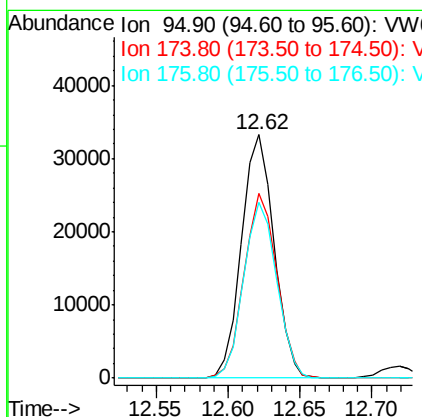
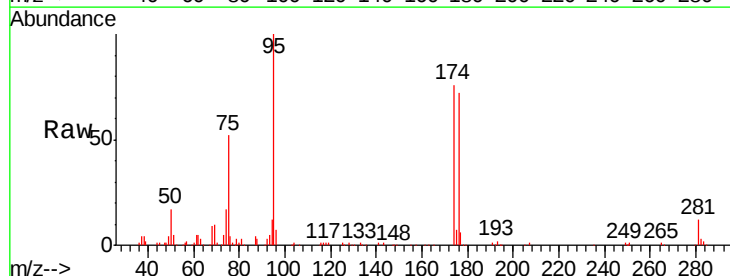
Manual Integrations  
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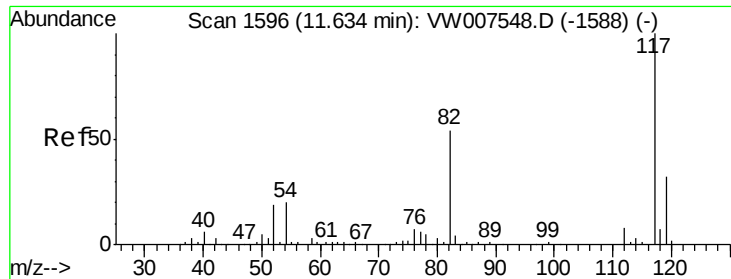
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#62  
 4-Bromofluorobenzene  
 Concen: 51.600 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Tgt Ion: 95 Resp: 52013  
 Ion Ratio Lower Upper  
 95 100  
 174 76.3 0.0 147.2  
 176 73.4 0.0 138.8





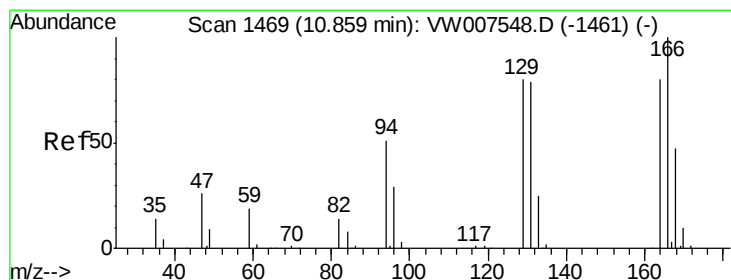
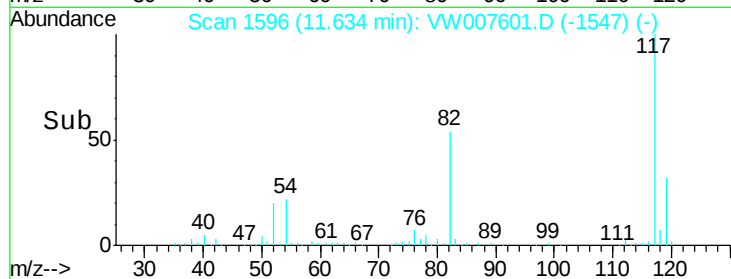
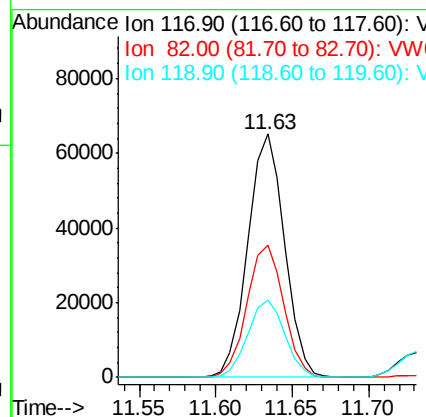
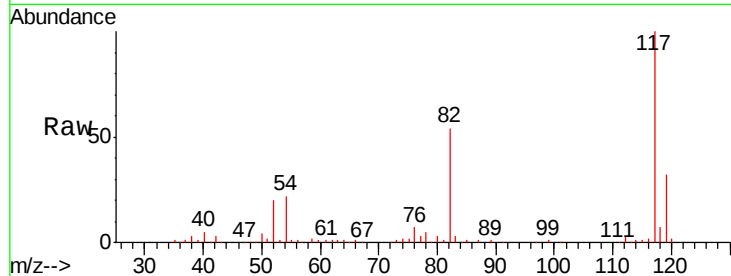
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.2  | 42.3  | 63.5  |
| 119     | 32.0  | 23.0  | 34.6  |

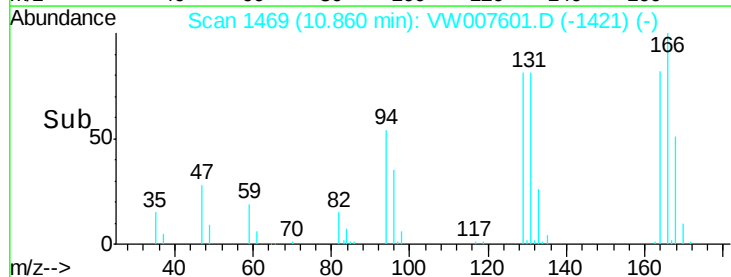
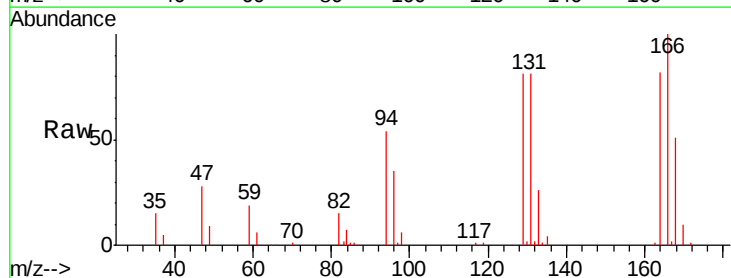
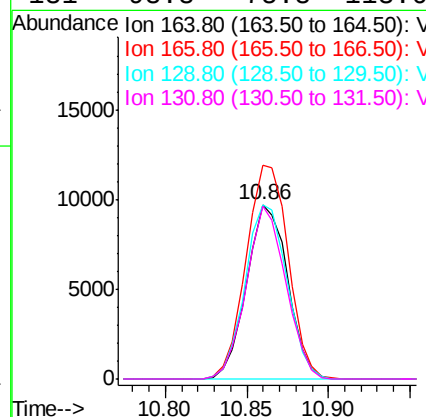
Manual Integrations  
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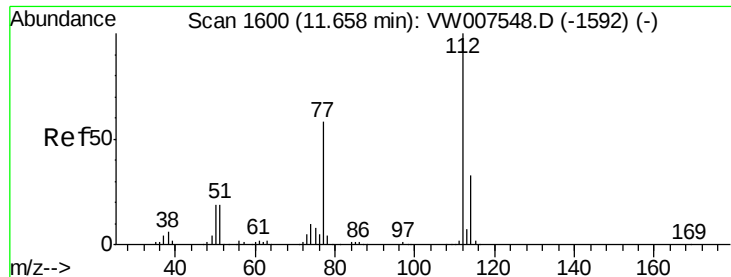
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#64  
Tetrachloroethene  
Concen: 21.672 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.3 | 107.9 | 161.9 |
| 129     | 99.5  | 73.4  | 110.2 |
| 131     | 98.8  | 75.8  | 113.6 |





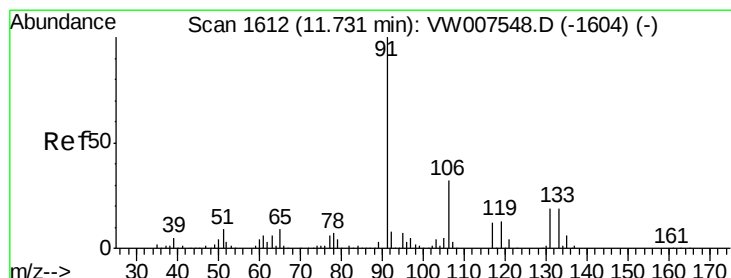
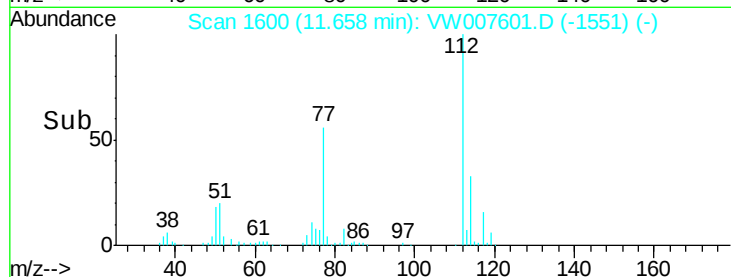
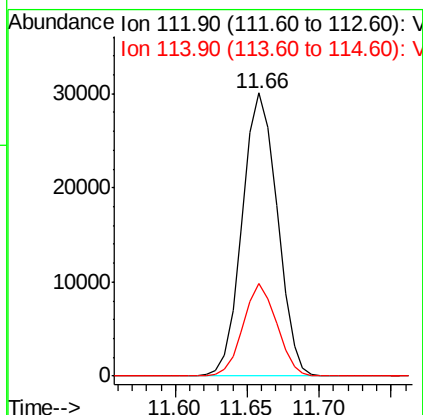
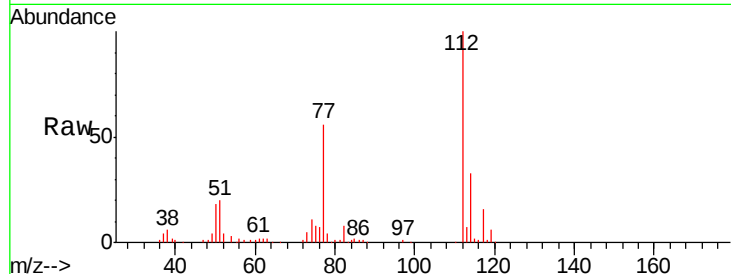
#65  
Chlorobenzene  
Concen: 22.492 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion:112 Resp: 50824  
Ion Ratio Lower Upper  
112 100  
114 32.7 27.8 41.8

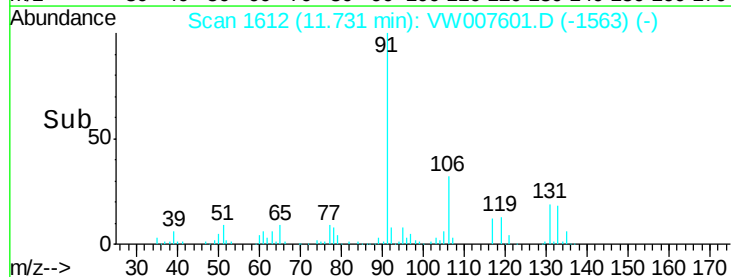
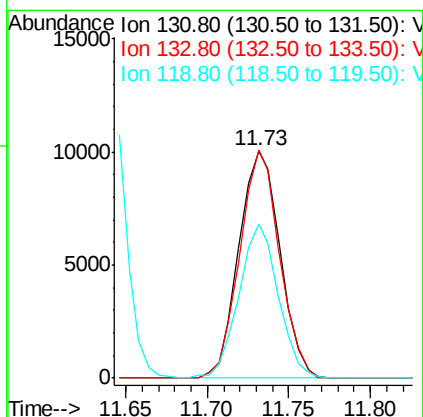
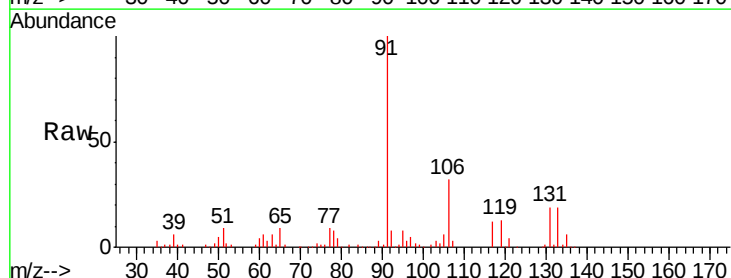
Manual Integrations  
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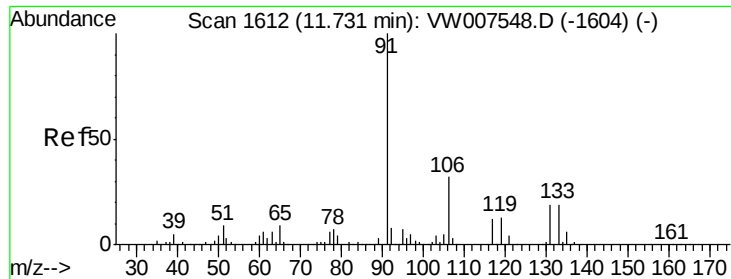
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.125 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion:131 Resp: 17608  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.1 141.4  
119 64.8 31.3 93.9





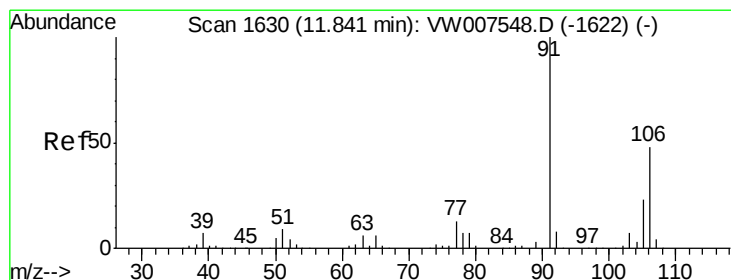
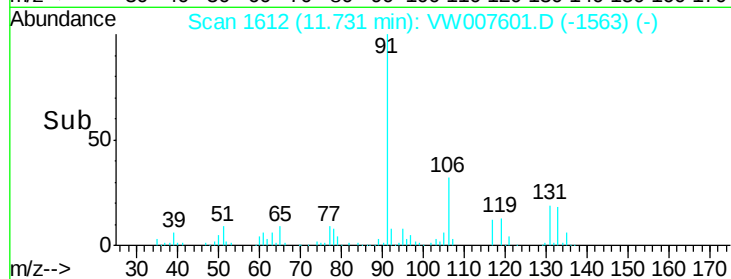
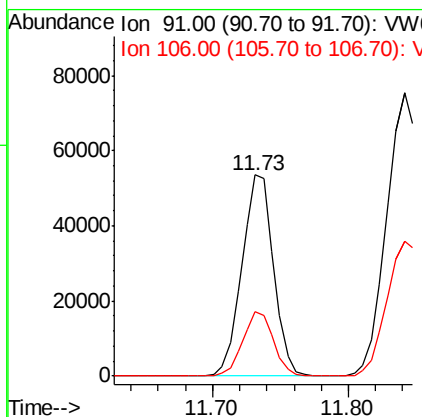
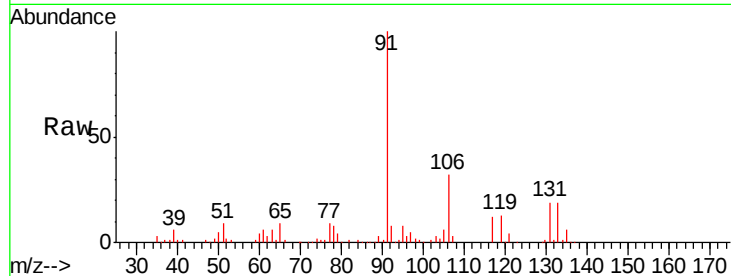
#67  
Ethyl Benzene  
Concen: 22.420 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 91 Resp: 87102  
Ion Ratio Lower Upper  
91 100  
106 31.8 21.8 32.8

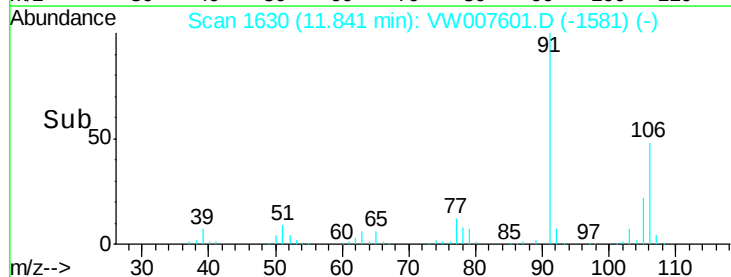
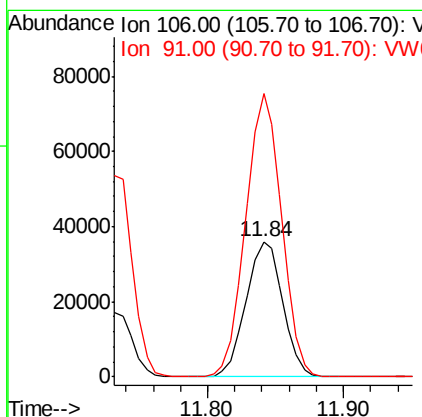
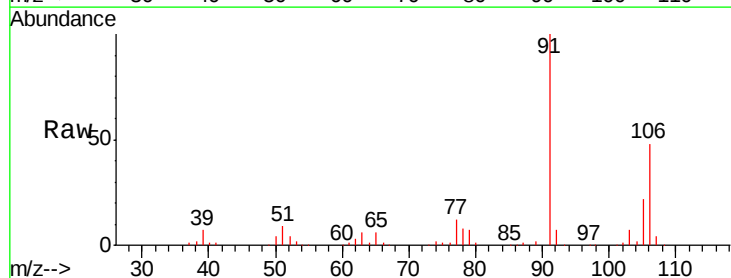
Manual Integrations  
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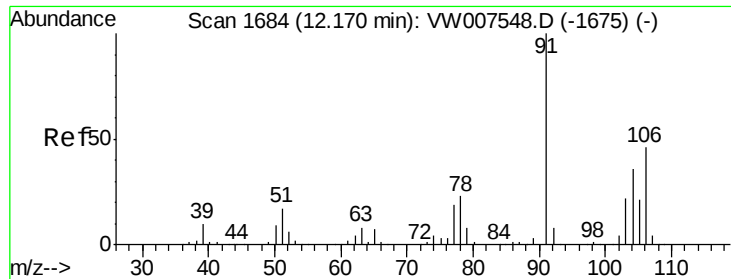
apatel  
12/17/2018 4:40:32 PM



#68  
m/p-Xylenes  
Concen: 45.137 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 106 Resp: 68170  
Ion Ratio Lower Upper  
106 100  
91 204.2 165.3 247.9





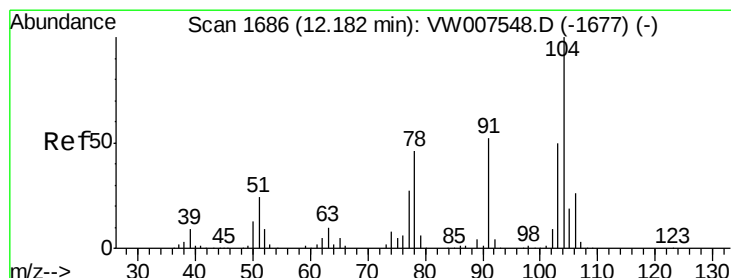
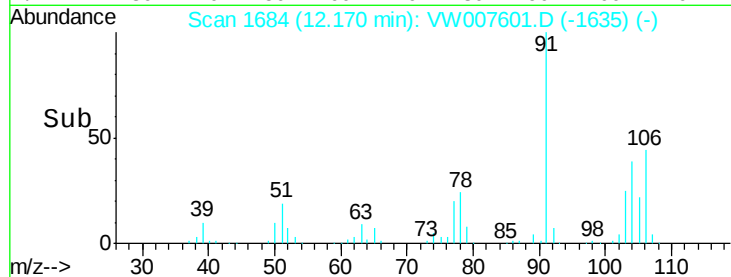
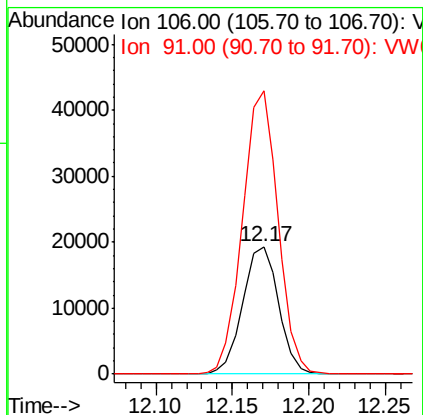
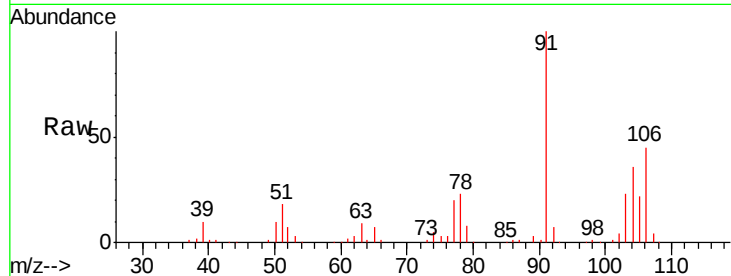
#69  
o-Xylene  
Concen: 22.361 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion:106 Resp: 31541  
Ion Ratio Lower Upper  
106 100  
91 219.2 106.6 319.8

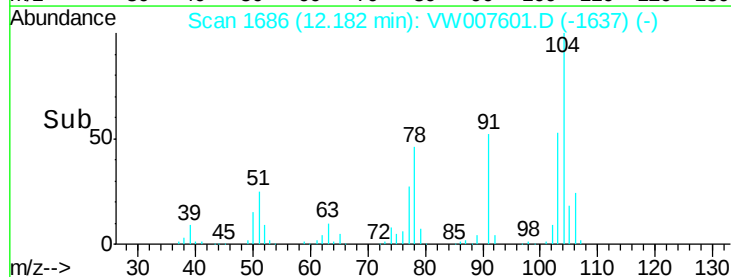
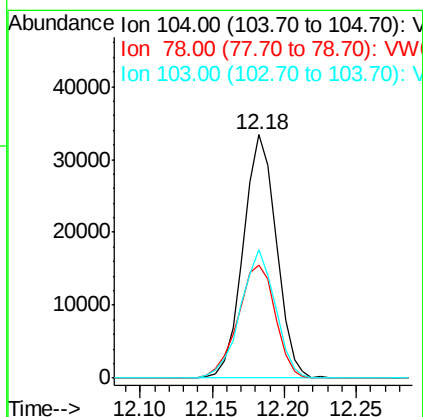
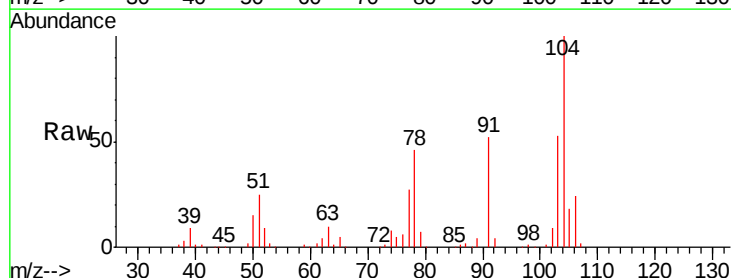
Manual Integrations  
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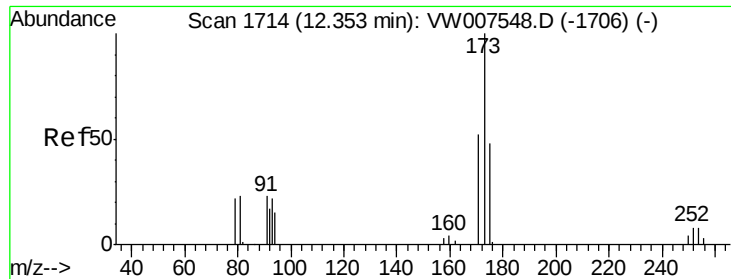
apatel  
12/17/2018 4:40:32 PM



#70  
Styrene  
Concen: 23.341 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion:104 Resp: 53178  
Ion Ratio Lower Upper  
104 100  
78 52.5 41.8 62.8  
103 55.3 46.6 69.8





#71

Bromoform

Concen: 22.556 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

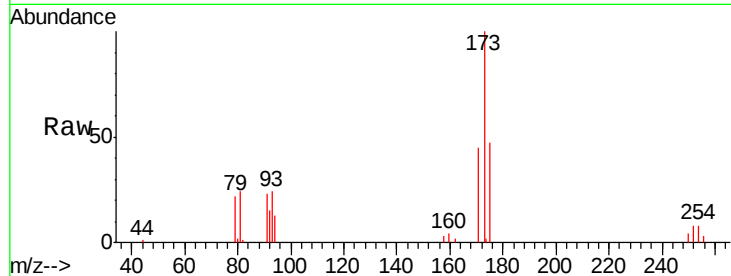
ClientSampleId :

VW1218SBS01

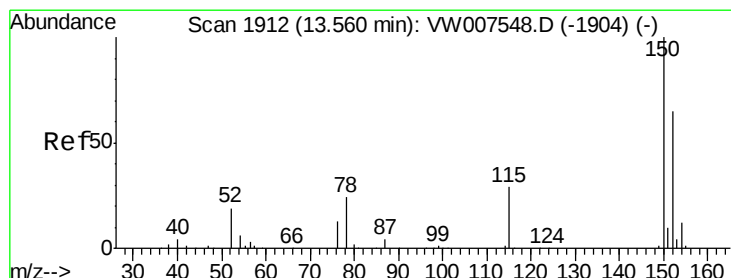
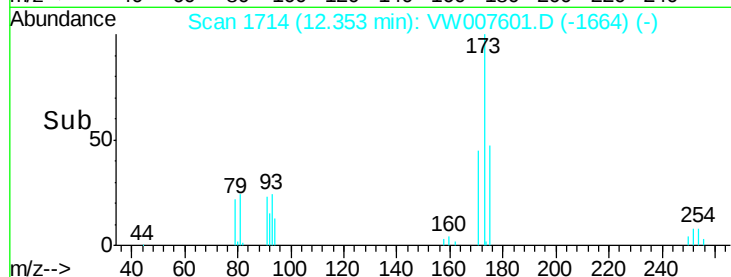
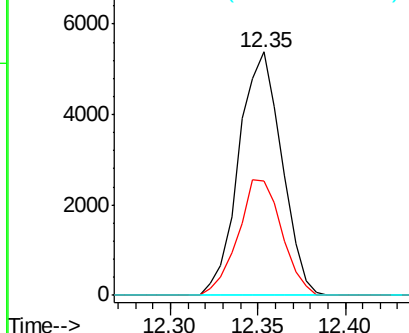
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 9188 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 48.3  | 23.6  | 70.8 |
| 254       | 0.0   | 0.0   | 0.0  |

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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

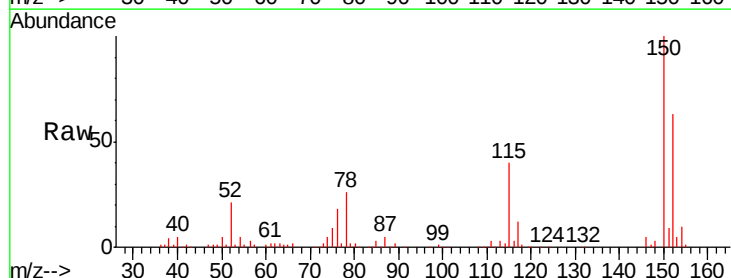
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

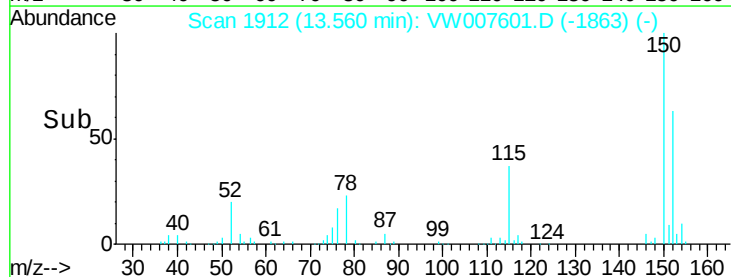
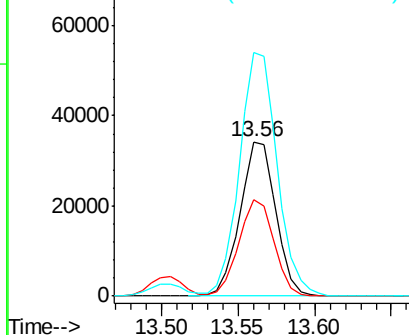
Lab File: VW007601.D

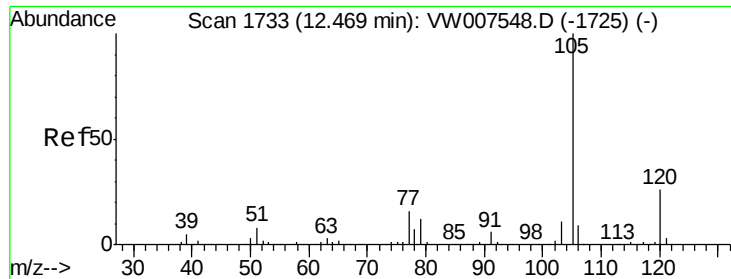
Acq: 16 Dec 2018 01:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 55288 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 61.8  | 31.4  | 94.2  |
| 150       | 166.6 | 0.0   | 358.4 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.806 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 105 Resp: 88143

Ion Ratio Lower Upper

105 100

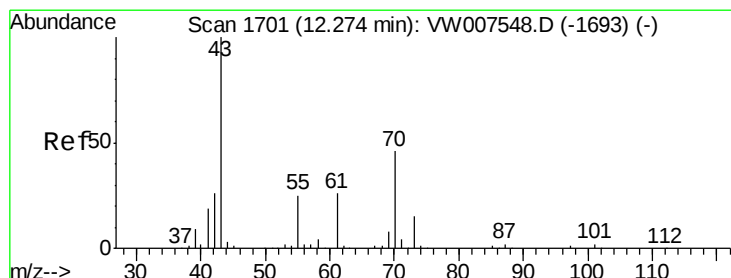
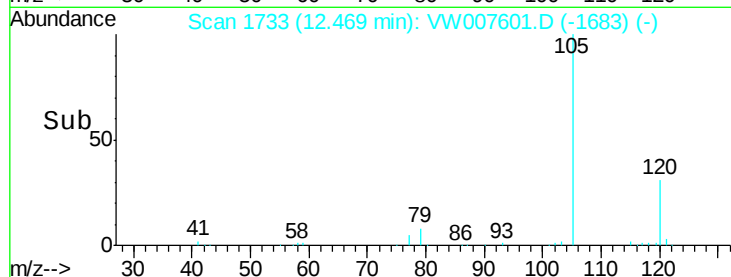
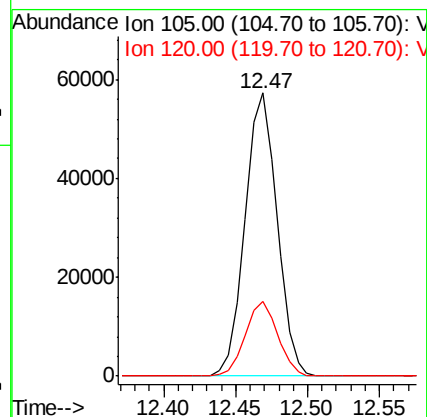
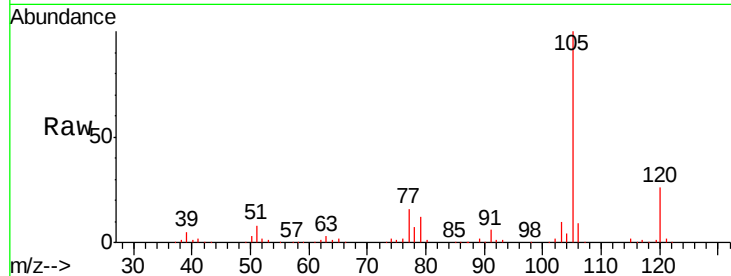
120 26.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 21.572 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Tgt Ion: 43 Resp: 16609

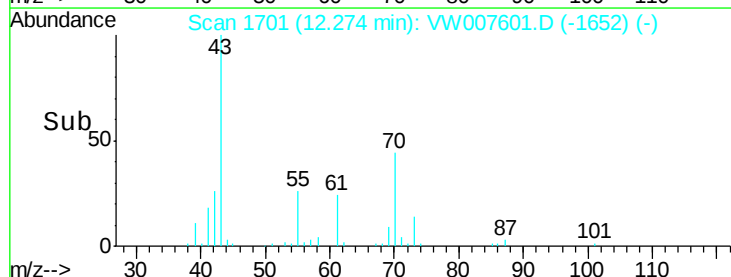
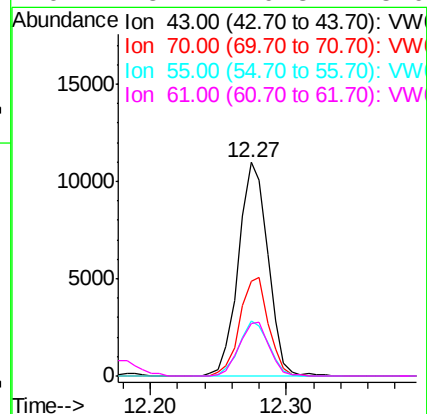
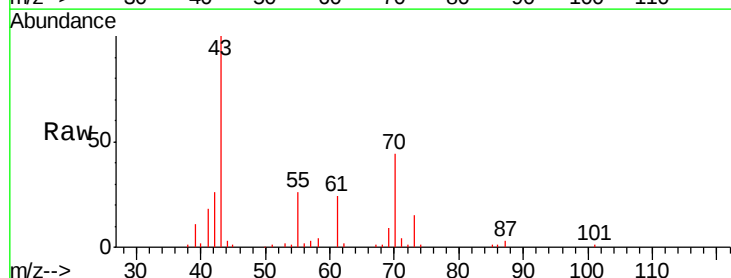
Ion Ratio Lower Upper

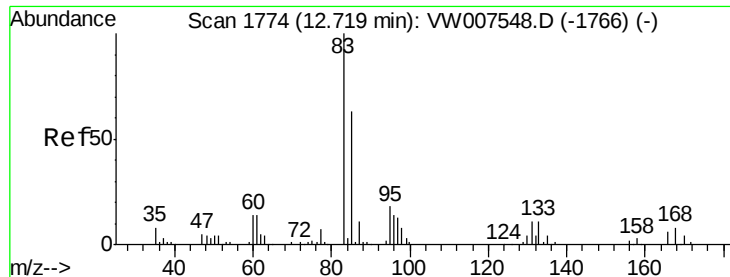
43 100

70 44.9 36.5 54.7

55 25.6 20.1 30.1

61 25.4 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.871 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 83 Resp: 13723

Ion Ratio Lower Upper

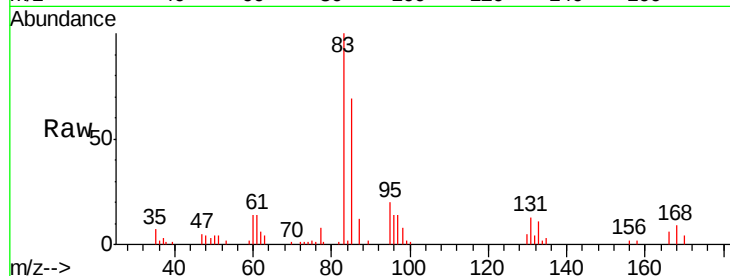
83 100

131 13.1 5.9 17.8

85 65.3 30.0 90.0

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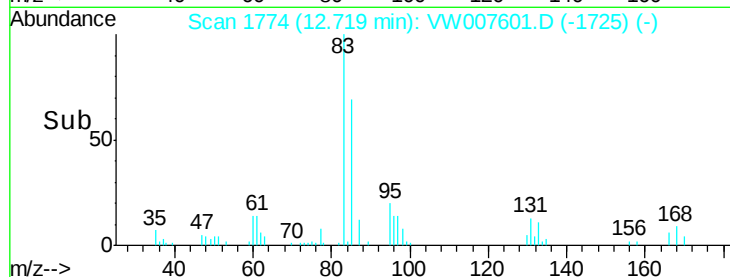


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

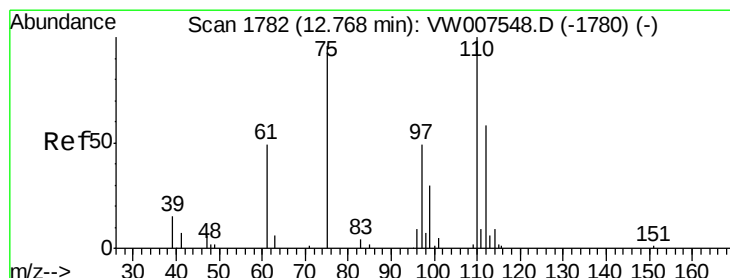
Ion 84.90 (84.60 to 85.60): VW

Time-->



12.72

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.452 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007601.D

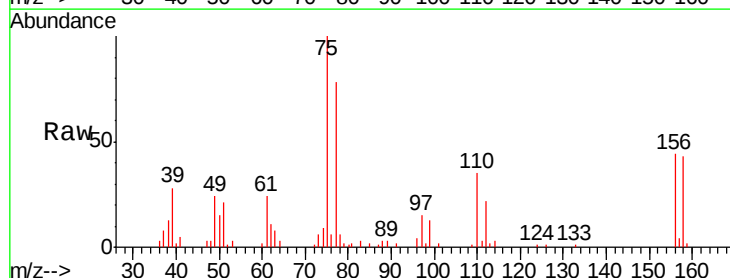
Acq: 16 Dec 2018 01:13

Tgt Ion: 75 Resp: 11147

Ion Ratio Lower Upper

75 100

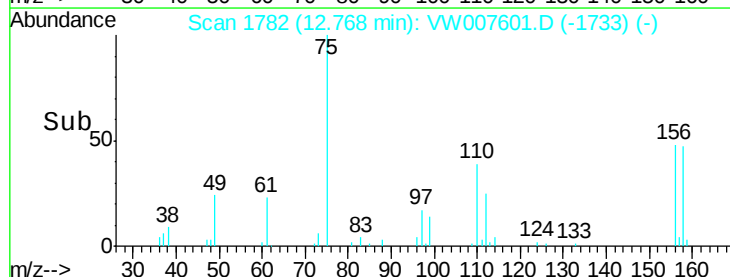
77 331.1 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

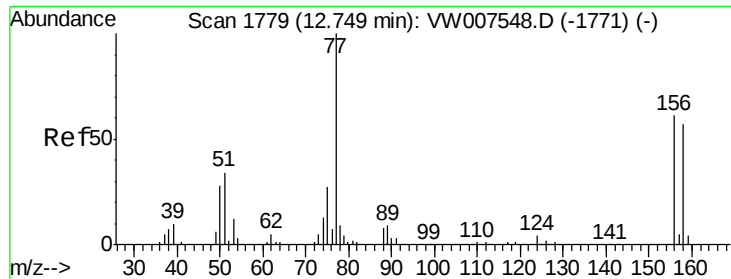
Ion 77.00 (76.70 to 77.70): VW

Time-->



12.77

Time-->



#77

Bromobenzene

Concen: 21.329 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

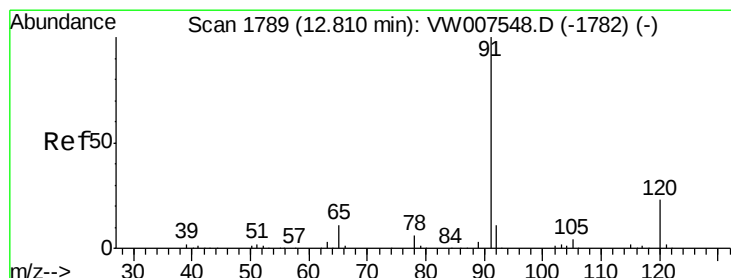
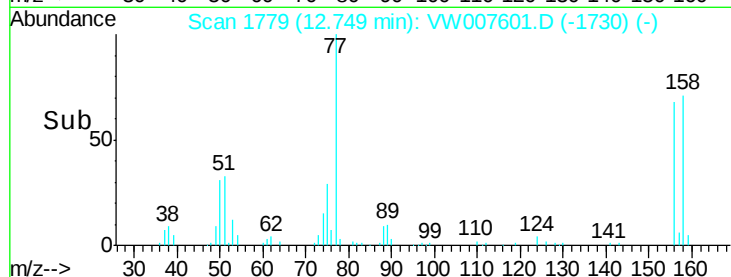
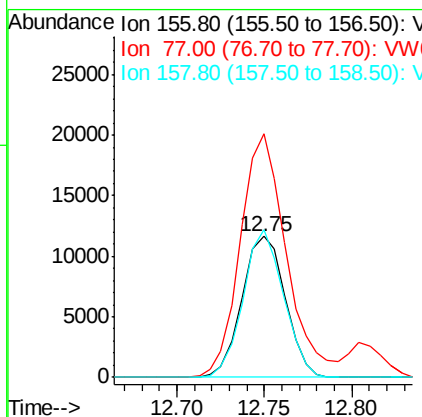
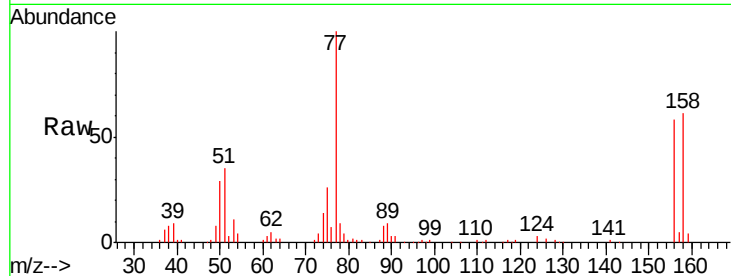
ClientSampleId :

VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 184.3 | 88.1  | 264.4 |
| 158     | 97.7  | 45.6  | 136.7 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 21.850 ug/l

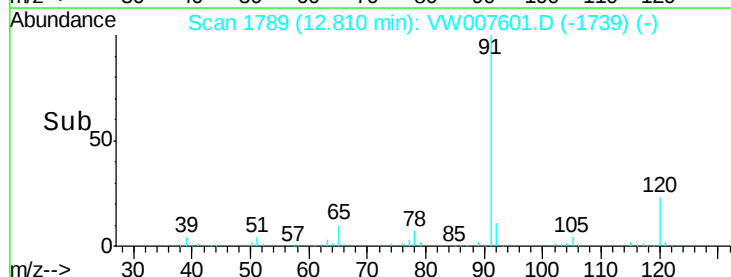
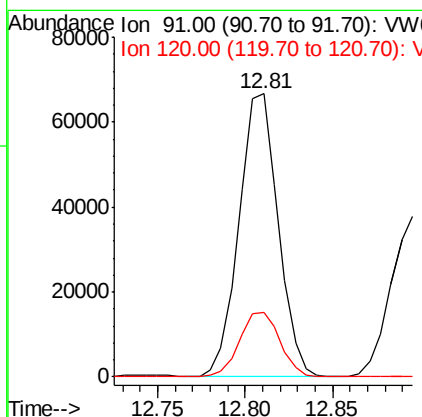
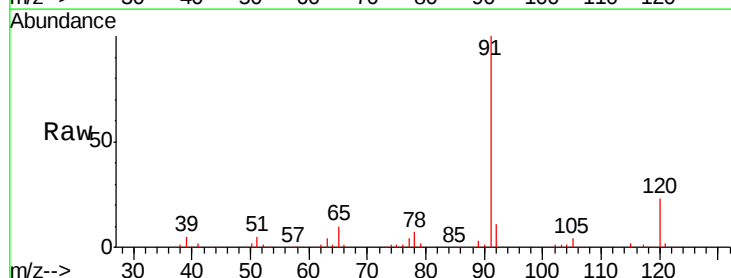
RT: 12.81 min Scan# 1789

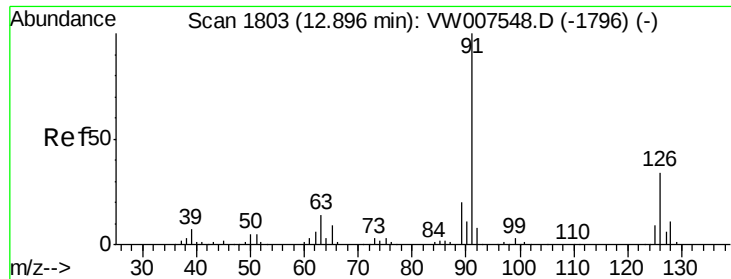
Delta R.T. 0.01 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.5  | 11.9  | 35.5  |





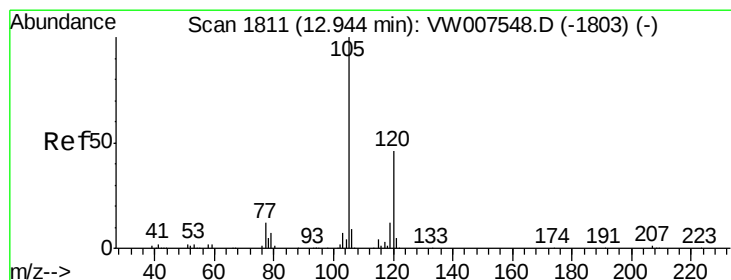
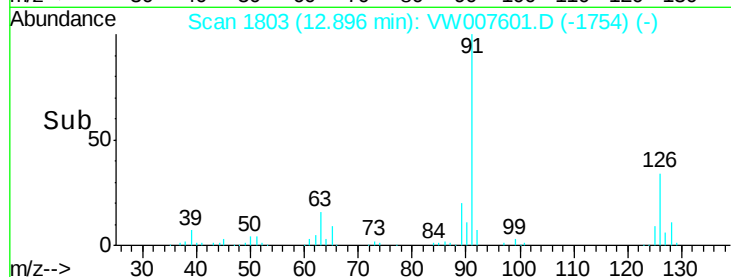
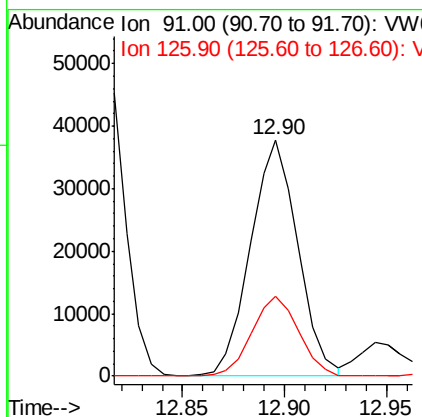
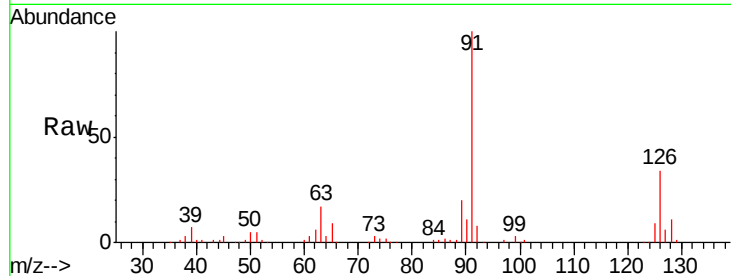
#79  
2-Chlorotoluene  
Concen: 21.133 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

Tgt Ion: 91 Resp: 60966  
Ion Ratio Lower Upper  
91 100  
126 33.6 15.9 47.6

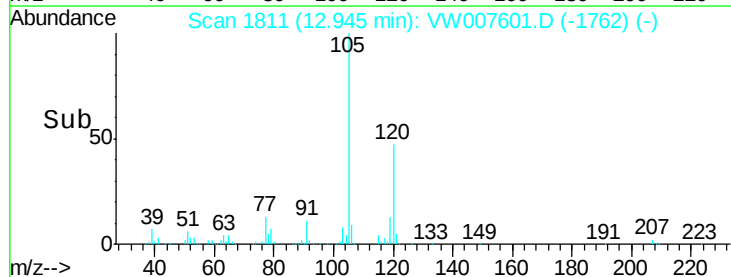
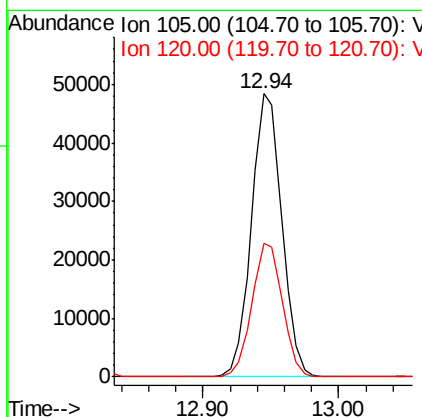
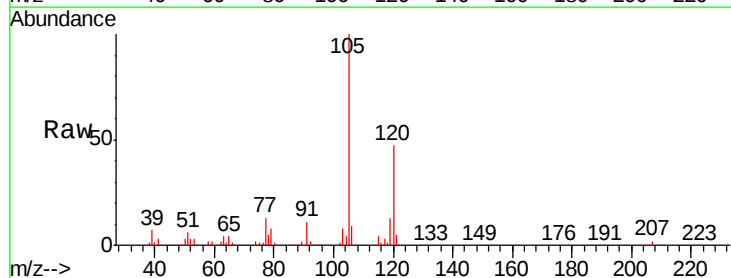
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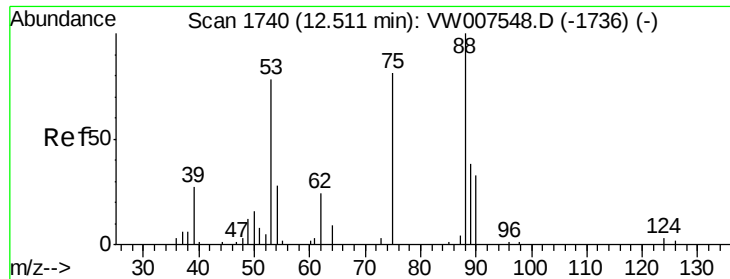
apatel  
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.363 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Tgt Ion: 105 Resp: 76045  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.8 71.4





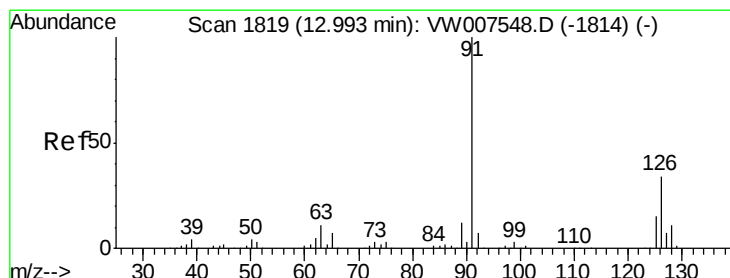
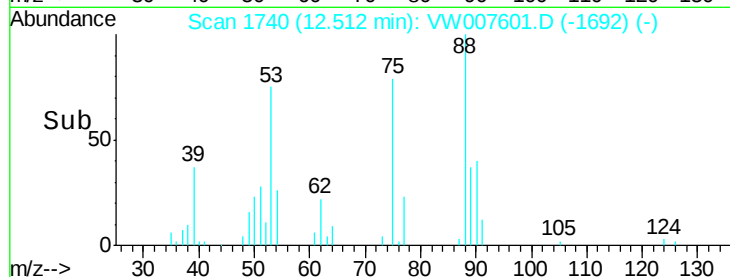
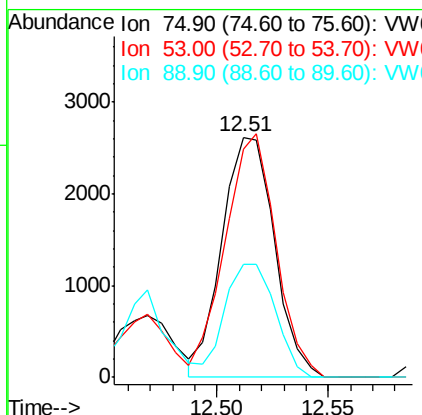
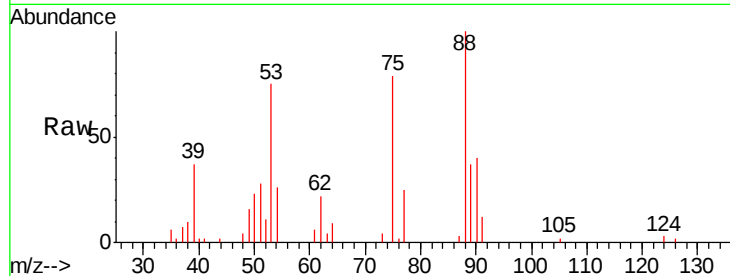
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.759 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.4  | 84.9  | 127.3 |
| 89      | 44.8  | 40.3  | 60.5  |

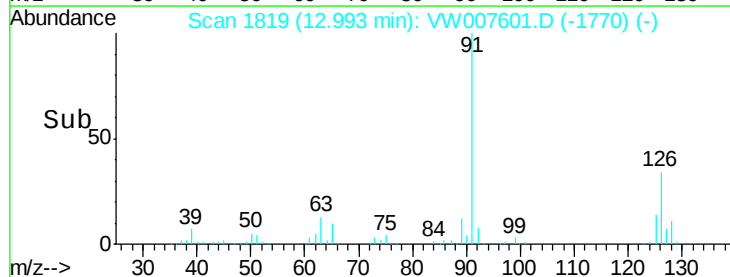
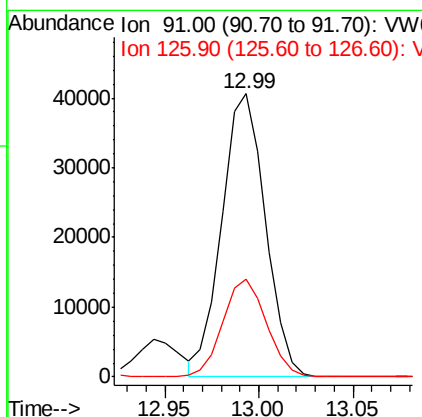
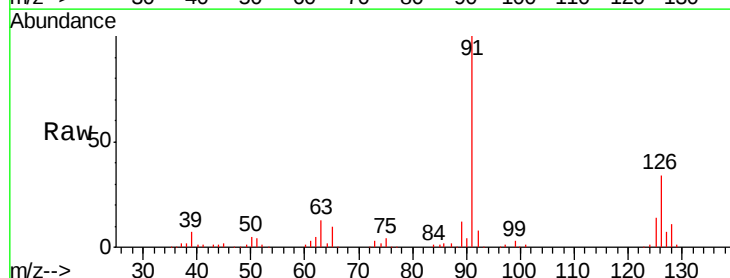
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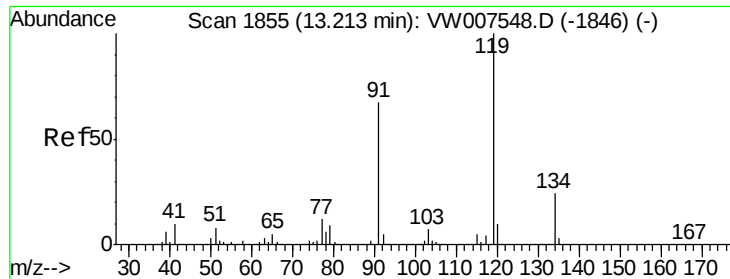
apatel  
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#82  
4-Chlorotoluene  
Concen: 21.416 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.4  | 16.0  | 48.0  |





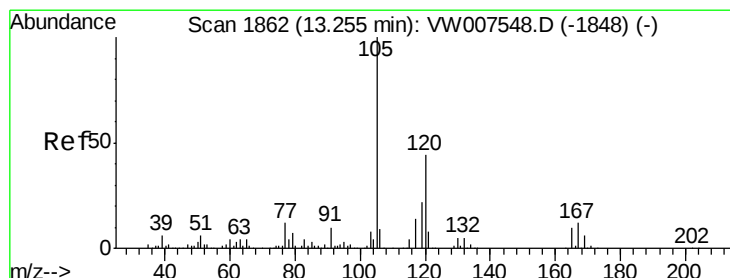
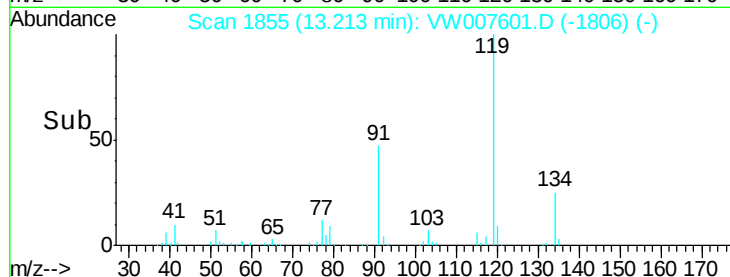
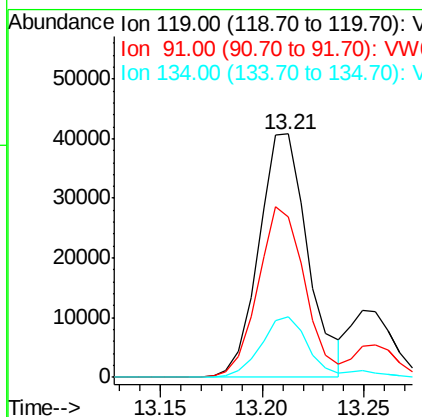
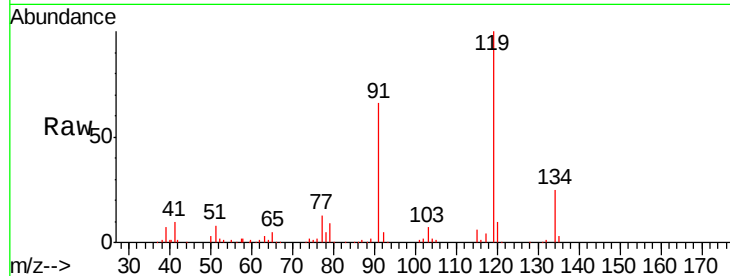
#83  
 tert-Butylbenzene  
 Concen: 21.783 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.0  | 33.1  | 99.2  |
| 134     | 25.6  | 12.5  | 37.5  |

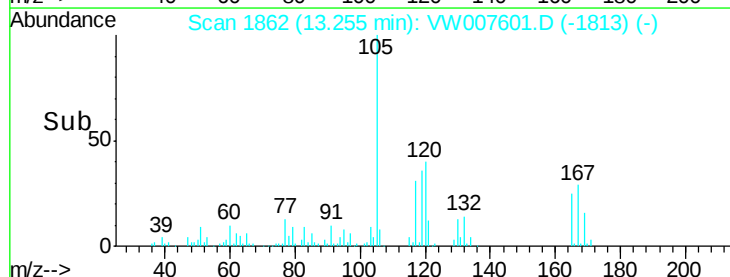
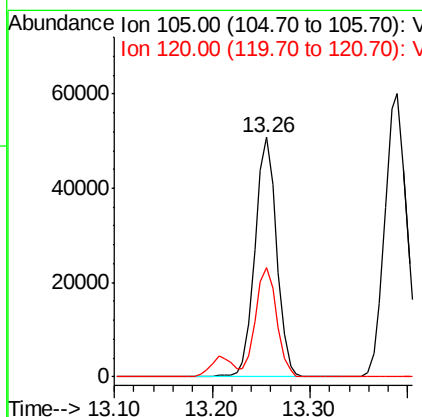
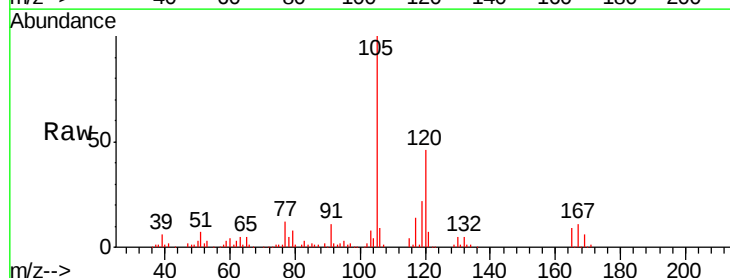
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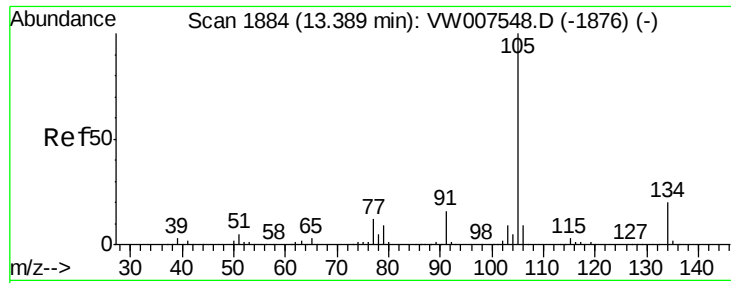
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.324 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.1  | 22.6  | 67.7  |





#85

sec-Butylbenzene

Concen: 21.697 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

ClientSampleId :

VW1218SBS01

Tgt Ion:105 Resp: 92901

Ion Ratio Lower Upper

105 100

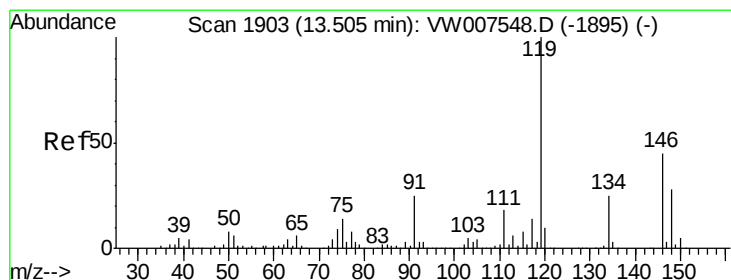
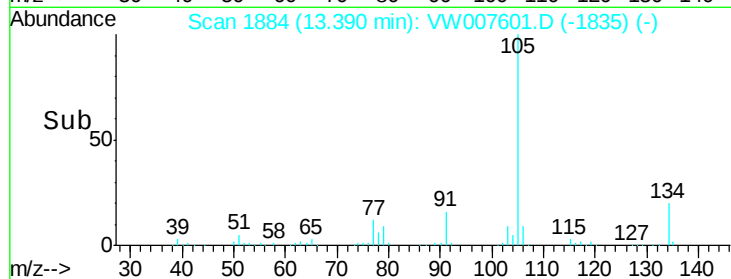
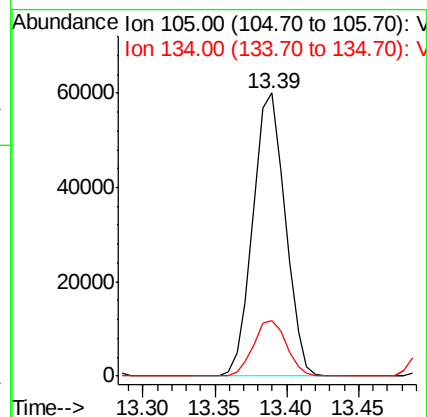
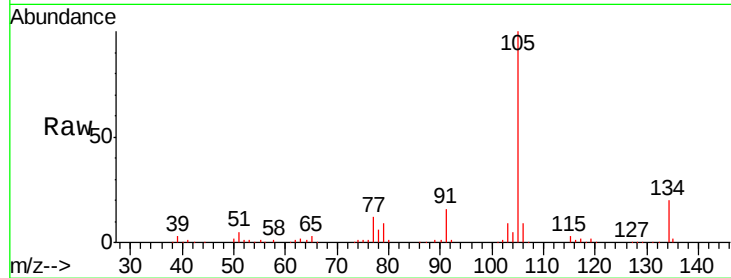
134 20.2 11.1 33.3

Manual Integrations

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apatel

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#86

p-Isopropyltoluene

Concen: 22.196 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

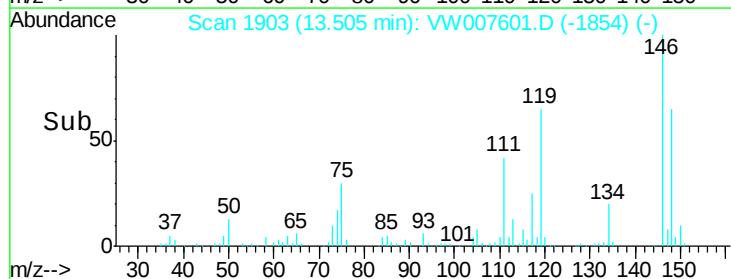
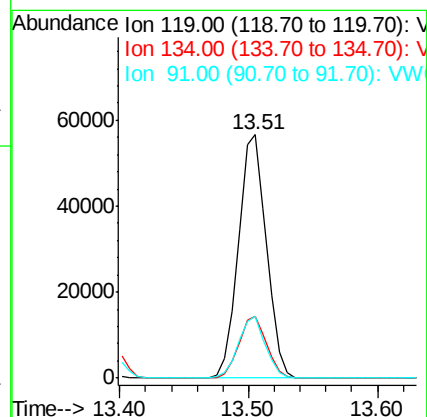
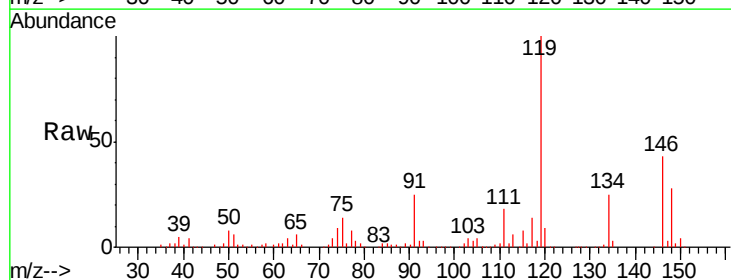
Tgt Ion:119 Resp: 85377

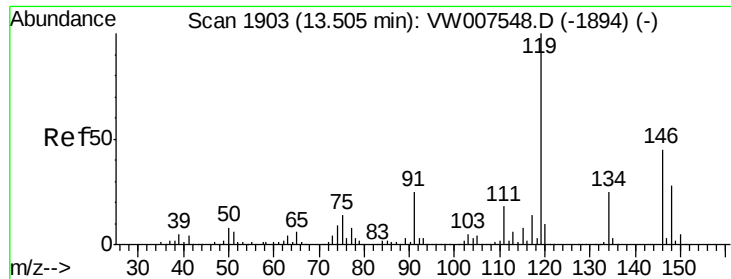
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 24.6 11.9 35.9





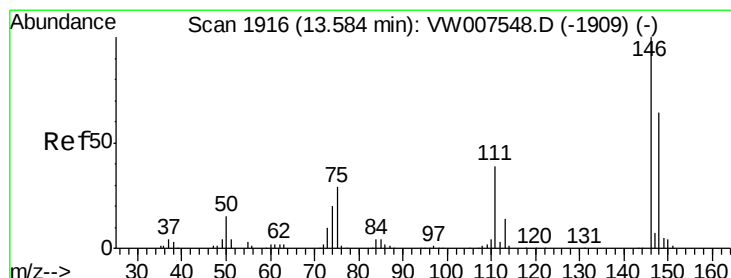
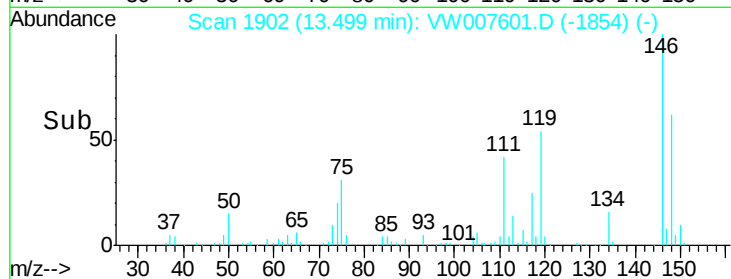
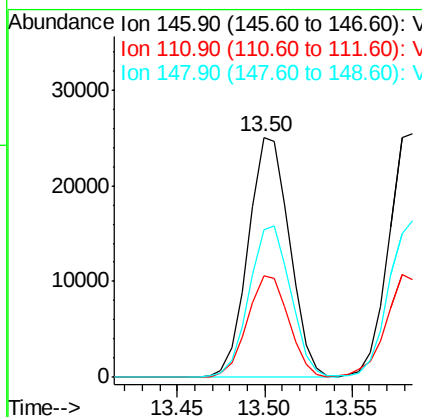
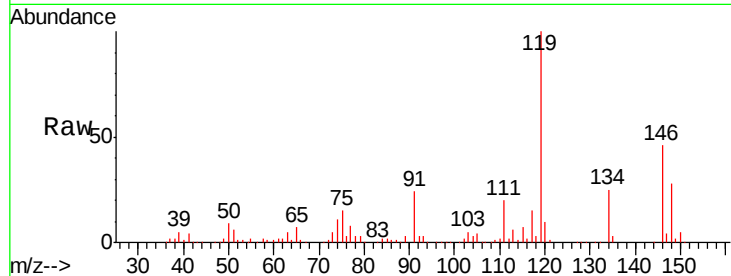
#87  
 1,3-Dichlorobenzene  
 Concen: 22.006 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 20.1  | 60.3  |
| 148     | 63.4  | 31.4  | 94.0  |

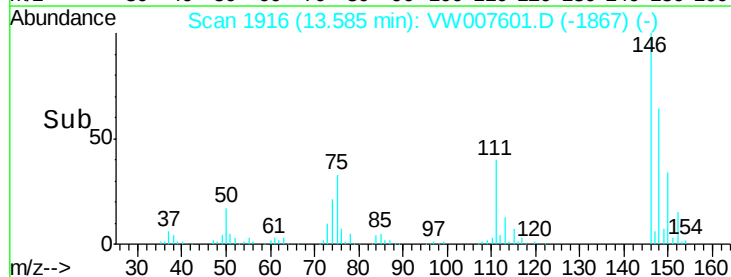
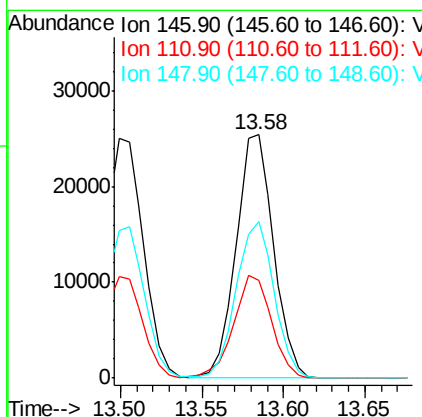
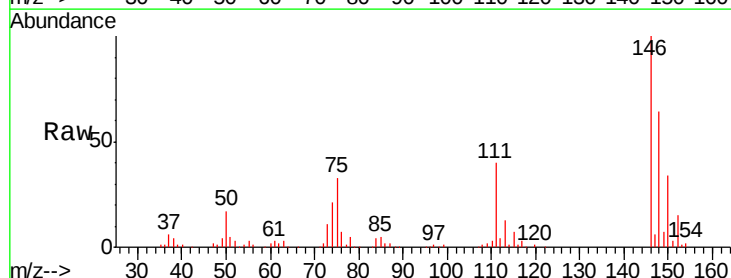
Manual Integrations  
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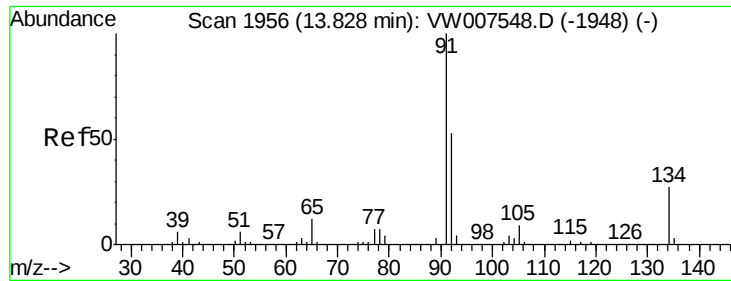
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.623 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 20.3  | 61.0  |
| 148     | 64.9  | 33.5  | 100.5 |





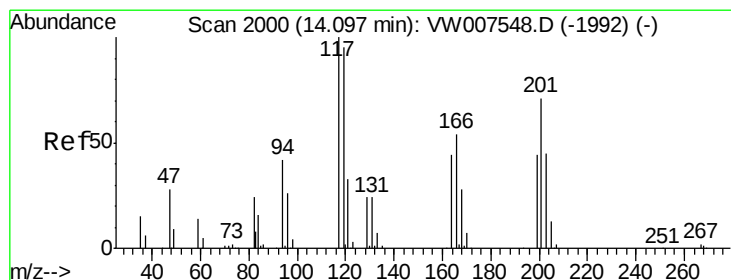
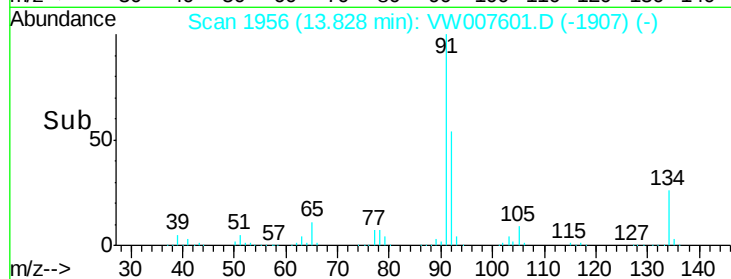
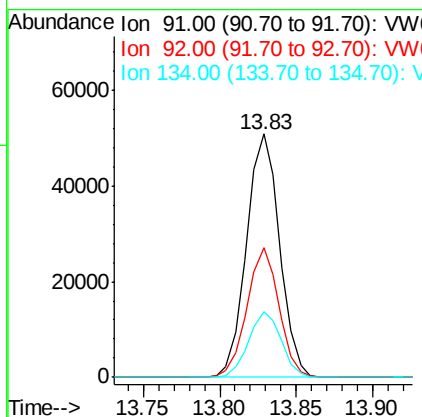
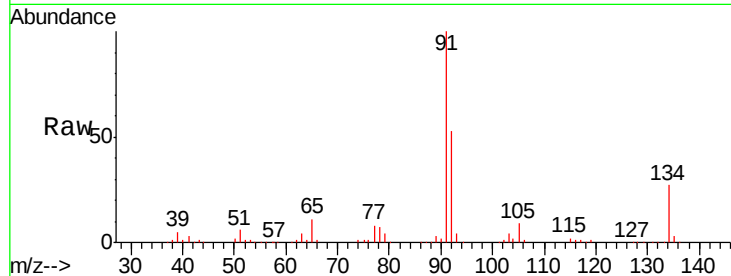
#89  
n-Butylbenzene  
Concen: 21.413 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.7  | 25.7  | 77.1  |
| 134     | 26.7  | 13.4  | 40.2  |

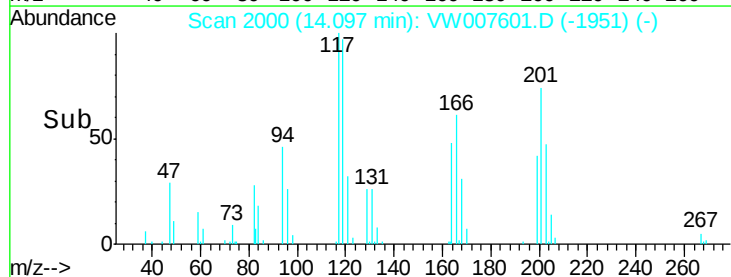
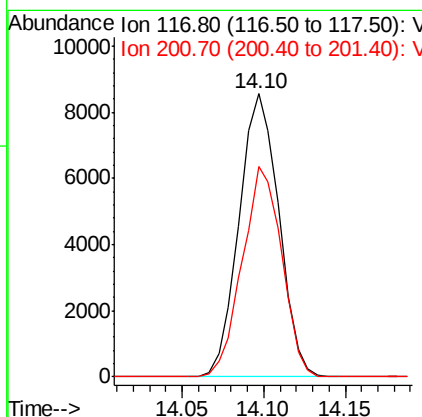
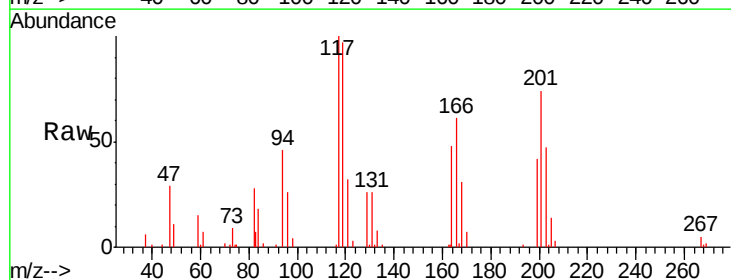
Manual Integrations  
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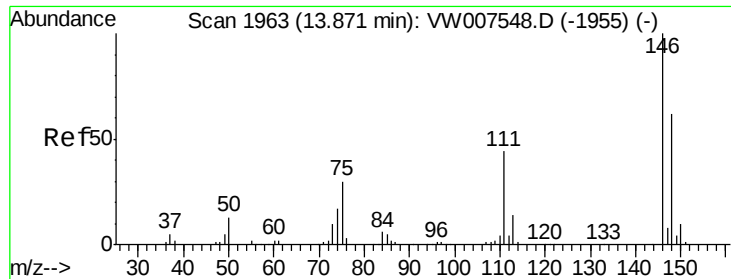
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#90  
Hexachloroethane  
Concen: 21.222 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 73.5  | 35.3  | 105.9 |





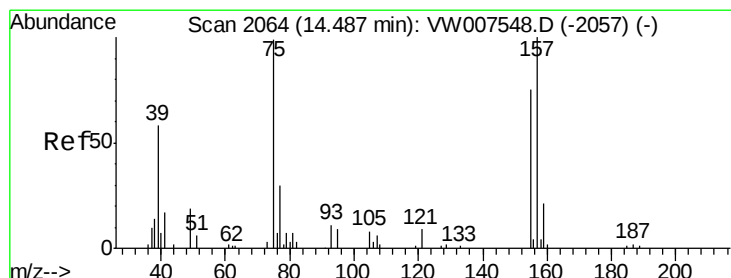
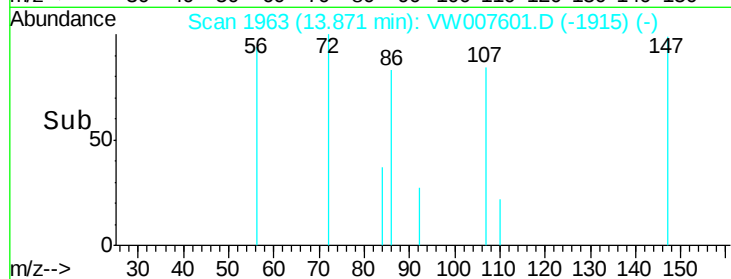
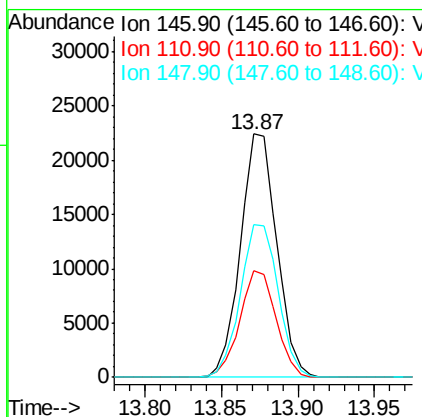
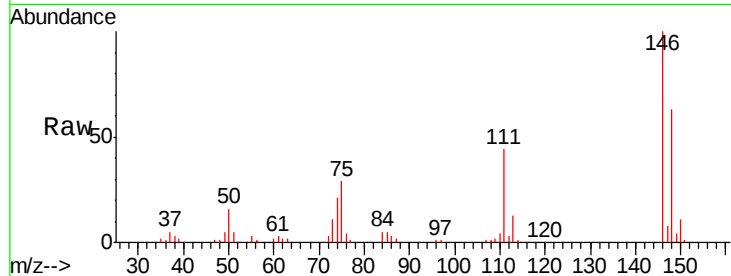
#91  
 1,2-Dichlorobenzene  
 Concen: 22.062 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1218SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 22.4  | 67.2  |
| 148     | 65.2  | 32.4  | 97.2  |

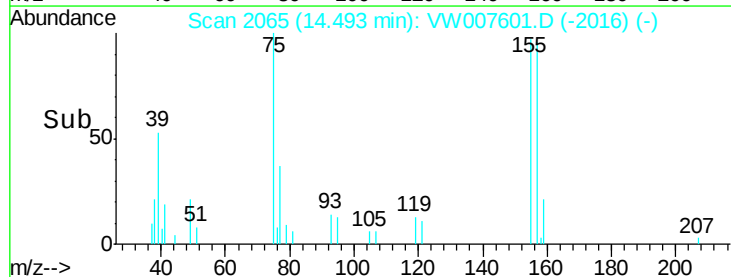
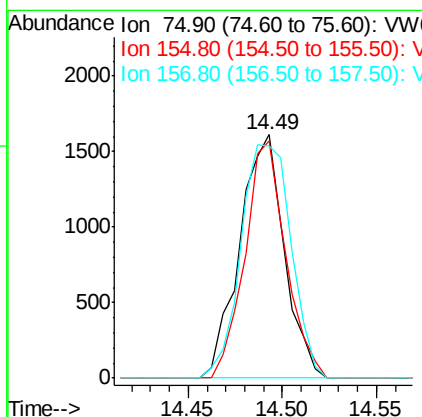
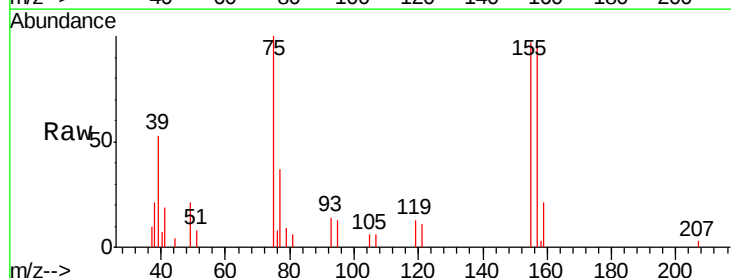
Manual Integrations  
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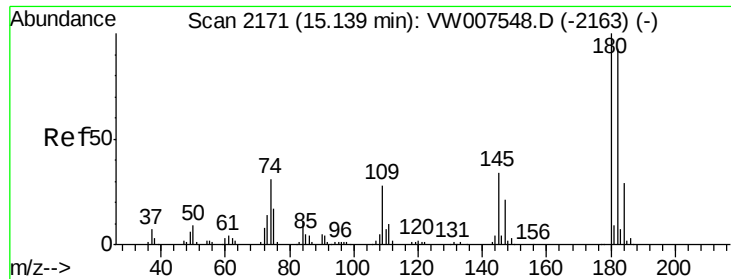
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.030 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. -0.00 min  
 Lab File: VW007601.D  
 Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.0  | 40.8  | 122.2 |
| 157     | 107.8 | 51.1  | 153.4 |





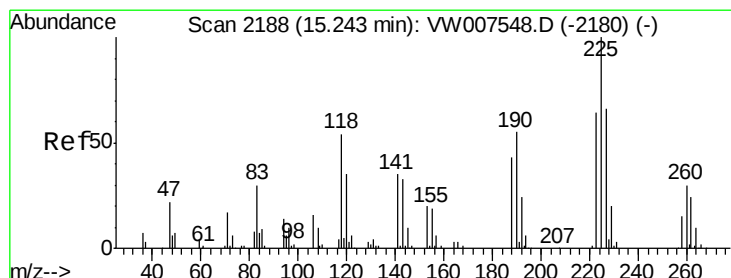
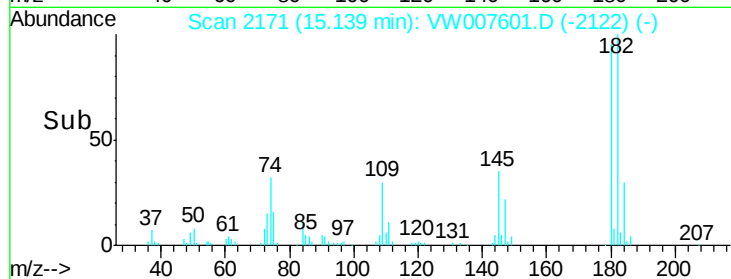
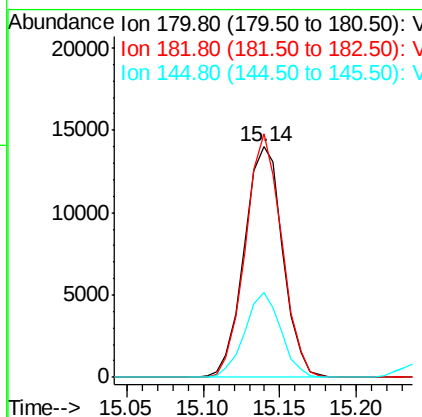
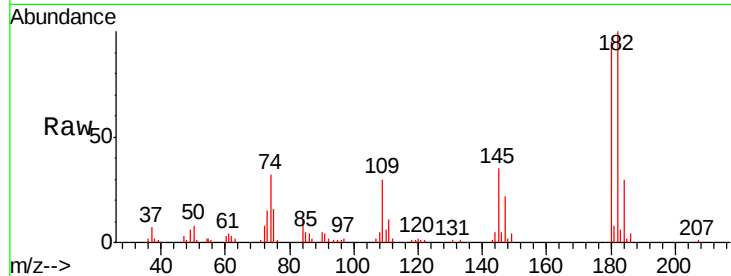
#93  
1,2,4-Trichlorobenzene  
Concen: 21.219 ug/l  
RT: 15.14 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1218SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 24487 |       |       |
| 182     | 99.5  | 49.9  | 149.6 |       |
| 145     | 34.5  | 17.8  | 53.4  |       |

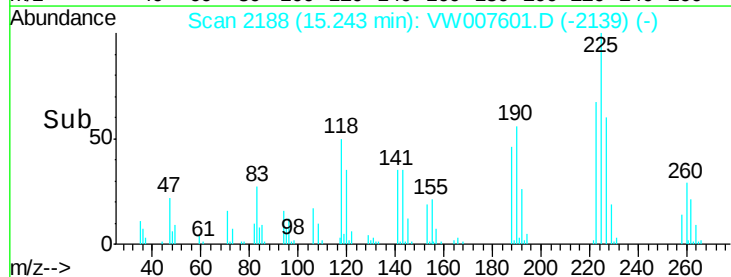
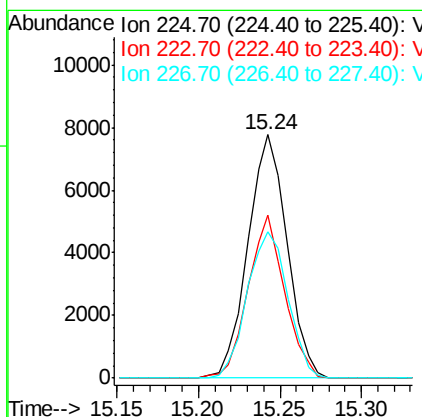
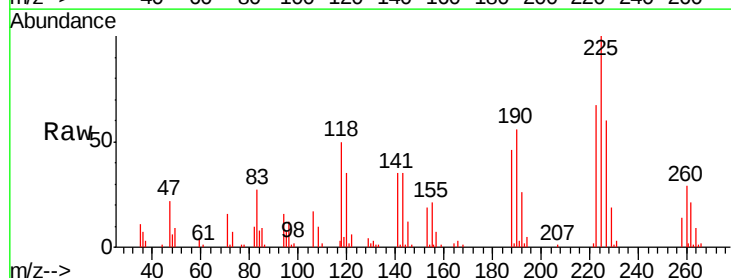
Manual Integrations  
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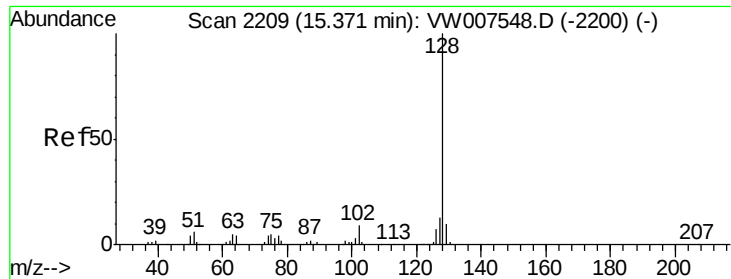
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#94  
Hexachlorobutadiene  
Concen: 21.104 ug/l  
RT: 15.24 min Scan# 2188  
Delta R.T. -0.00 min  
Lab File: VW007601.D  
Acq: 16 Dec 2018 01:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 12922 |       |       |
| 223     | 62.9  | 32.1  | 96.3  |       |
| 227     | 62.4  | 31.9  | 95.9  |       |





#95

Naphthalene

Concen: 22.374 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

Instrument :

MSVOA\_W

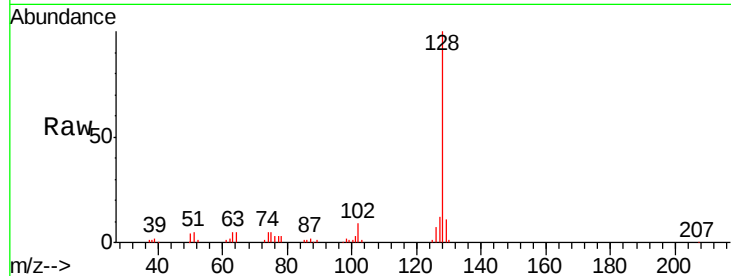
ClientSampleId :

VW1218SBS01

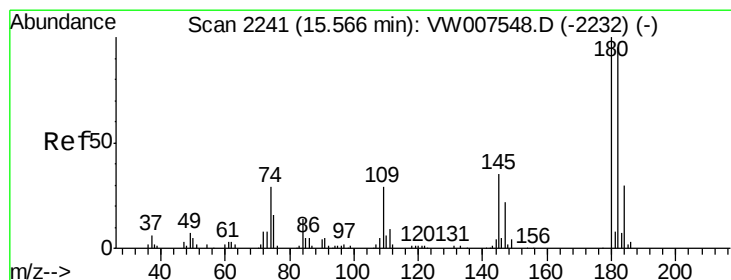
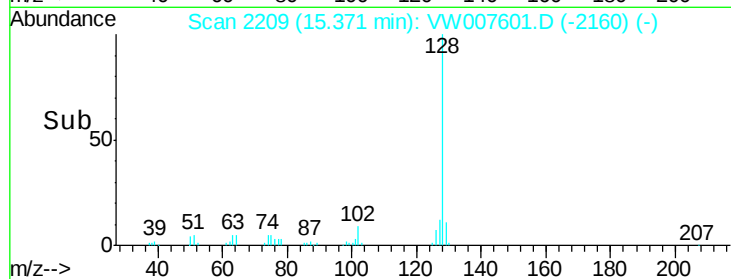
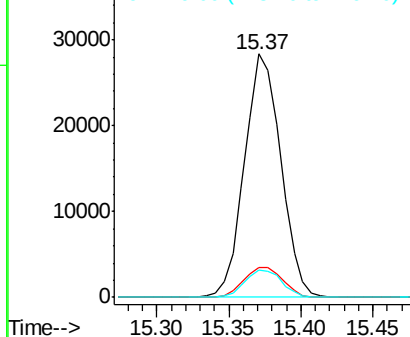
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 49396 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.3  | 10.2  | 15.4  |
| 129       | 11.4  | 8.3   | 12.5  |

Manual Integrations  
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Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.384 ug/l

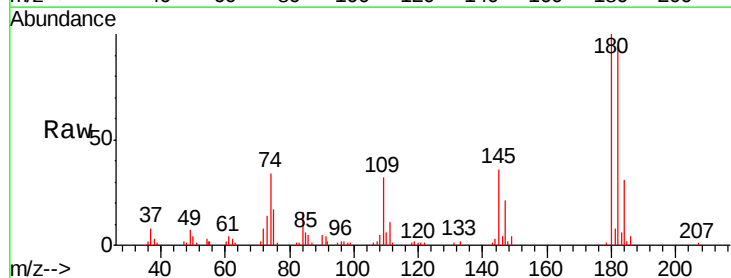
RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW007601.D

Acq: 16 Dec 2018 01:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 22439 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.7  | 45.6  | 136.7 |
| 145       | 35.7  | 17.5  | 52.5  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

