

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\  
 Data File : VW006470.D  
 Acq On : 30 Oct 2018 00:09  
 Operator : SY/AP  
 Sample : VW1031SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

Manual Integrations  
 APPROVED

apatel  
 10/30/2018 2:16:24 PM

Quant Time: Oct 30 06:42:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 199086   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 283686   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 269690   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 153952   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 83338    | 50.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.98% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 88409    | 52.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.48% |      |
| 50) Toluene-d8            | 10.33  | 98  | 330303   | 51.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.58% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 123331   | 51.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.98% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 18065  | 18.337  | ug/l | 97     |
| 3) Chloromethane              | 2.21 | 50  | 27211  | 21.457  | ug/l | 96     |
| 4) Vinyl Chloride             | 2.36 | 62  | 38477  | 21.246  | ug/l | 100    |
| 5) Bromomethane               | 2.79 | 94  | 36896  | 22.399  | ug/l | 93     |
| 6) Chloroethane               | 2.92 | 64  | 30635  | 23.604  | ug/l | 91     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 37679  | 22.333  | ug/l | 99     |
| 8) Diethyl Ether              | 3.68 | 74  | 18994  | 21.183  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 41393  | 23.411  | ug/l | 98     |
| 10) Methyl Iodide             | 4.26 | 142 | 67451  | 22.921  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 12172  | 109.652 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 39126  | 23.521  | ug/l | 92     |
| 13) Acrolein                  | 3.90 | 56  | 10644  | 99.094  | ug/l | 94     |
| 14) Allyl chloride            | 4.66 | 41  | 51732  | 21.750  | ug/l | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 38932  | 121.056 | ug/l | 100    |
| 16) Acetone                   | 4.15 | 43  | 36878  | 110.856 | ug/l | 94     |
| 17) Carbon Disulfide          | 4.37 | 76  | 97650  | 19.451  | ug/l | 98     |
| 18) Methyl Acetate            | 4.68 | 43  | 20872  | 25.128  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 59214  | 23.372  | ug/l | 98     |
| 20) Methylene Chloride        | 4.91 | 84  | 46672  | 25.941  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 44964  | 24.217  | ug/l | 96     |
| 22) Diisopropyl ether         | 6.32 | 45  | 111375 | 23.696  | ug/l | 96     |
| 23) Vinyl Acetate             | 6.26 | 43  | 303348 | 109.361 | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 75840  | 25.006  | ug/l | 98     |
| 25) 2-Butanone                | 7.18 | 43  | 51674  | 115.890 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 47118  | 22.028  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 51177  | 24.977  | ug/l | 98     |
| 28) Bromochloromethane        | 7.51 | 49  | 25080  | 21.420  | ug/l | 94     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 30701  | 112.016 | ug/l | 98     |
| 30) Chloroform                | 7.68 | 83  | 82838  | 25.070  | ug/l | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 61930  | 20.505  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 67824  | 22.755  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 62197  | 23.787  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 22954  | 23.627  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 65691  | 22.917  | ug/l | 98     |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW1031SBS01

Manual Integrations  
 APPROVED

apatel  
 10/30/2018 2:16:24 PM

Quant Time: Oct 30 06:42:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 74792    | 21.518  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 177236   | 24.710  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.49  | 41   | 13989    | 23.886  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 51110    | 24.254  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 44501    | 22.403  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 54041    | 24.558  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 42510    | 24.768  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 24199    | 24.737  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 55383    | 23.352  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 20438    | 21.706  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 7769     | 515.883 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 115348   | 115.899 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 121164   | 25.197  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 53840    | 22.785  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 63943    | 23.578  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 35273    | 25.767  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 37759    | 22.500  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 56604    | 24.978  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 76131    | 118.721 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.98 | 43   | 77806    | 109.518 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 41472    | 24.322  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 35224    | 25.752  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 52266    | 24.964  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.66 | 112  | 141504   | 24.510  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 49100    | 23.931  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 238362   | 23.824  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 189381   | 47.889  | ug/l   | 97       |
| 69) o-Xylene                   | 12.17 | 106  | 87998    | 23.349  | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 144466   | 23.572  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 25490    | 22.274  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 247894   | 22.792  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 41834    | 19.803  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 40104    | 24.243  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 24282m   | 20.650  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 63748    | 23.930  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.81 | 91   | 289987   | 22.917  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 165560   | 23.287  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 210091   | 22.913  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 9687     | 19.692  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 175022   | 23.501  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 186775   | 22.768  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 215951   | 23.275  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 263161   | 22.707  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 238311   | 22.734  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 127800   | 24.105  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 127690   | 24.190  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 214472   | 22.372  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 38719    | 21.806  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 114231   | 24.155  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 5858     | 19.779  | ug/l   | 88       |

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Sample : VW1031SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBSD01

Manual Integrations  
APPROVED

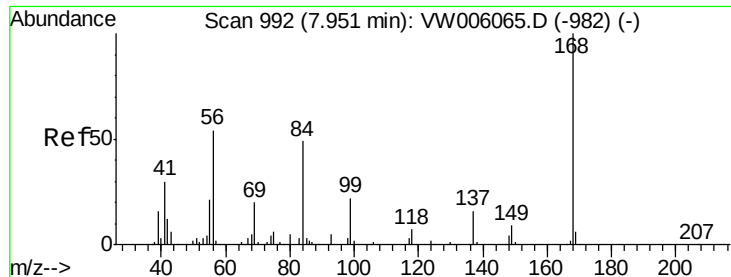
apatel  
10/30/2018 2:16:24 PM

Quant Time: Oct 30 06:42:55 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 18 17:01:24 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 83883    | 23.053 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 52959    | 23.168 | ug/l  | 100      |
| 95) Naphthalene            | 15.38 | 128  | 129373   | 21.373 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 73588    | 23.381 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion:168 Resp: 199086

Ion Ratio Lower Upper

168 100

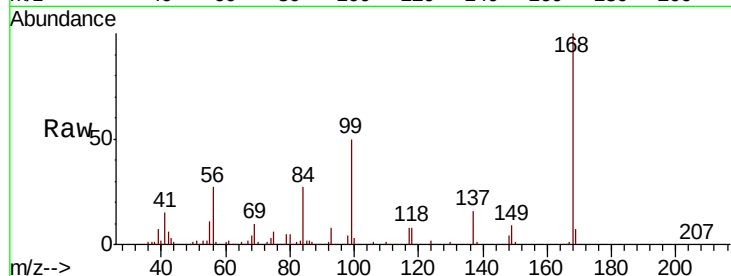
99 50.2 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

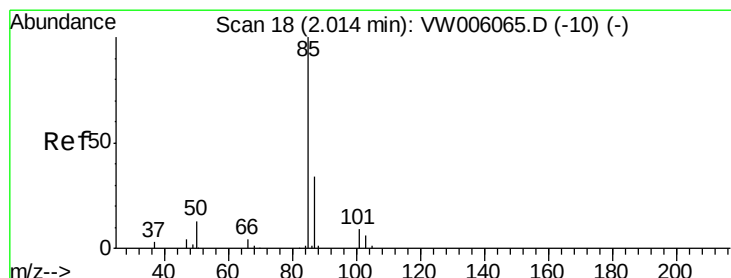
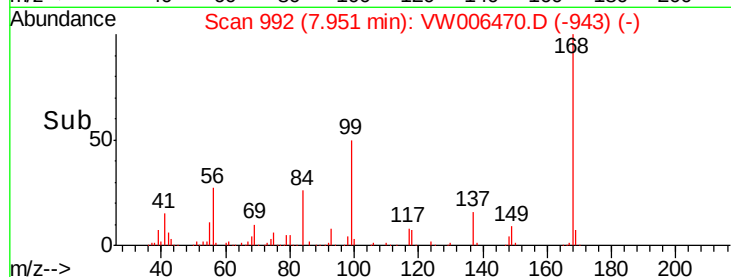
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.337 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006470.D

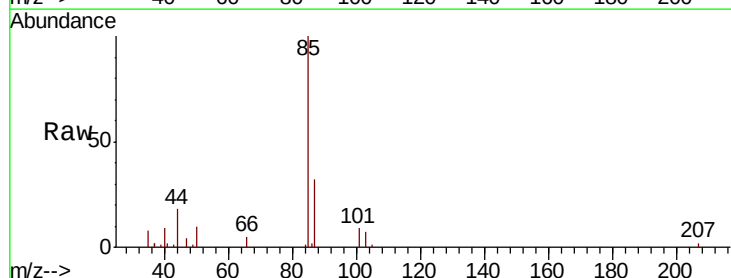
Acq: 30 Oct 2018 00:09

Tgt Ion: 85 Resp: 18065

Ion Ratio Lower Upper

85 100

87 32.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

2000

1000

0

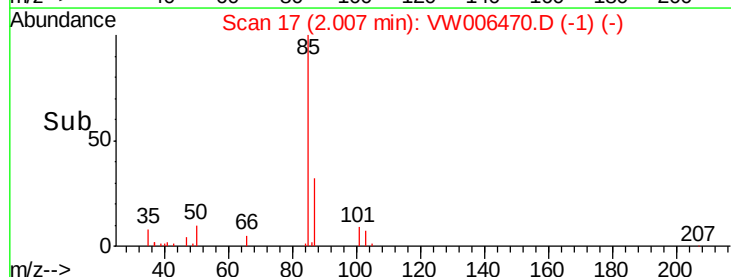
1.90

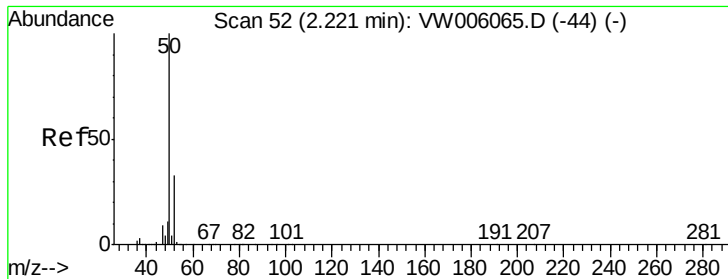
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.457 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion: 50 Resp: 27211

Ion Ratio Lower Upper

50 100

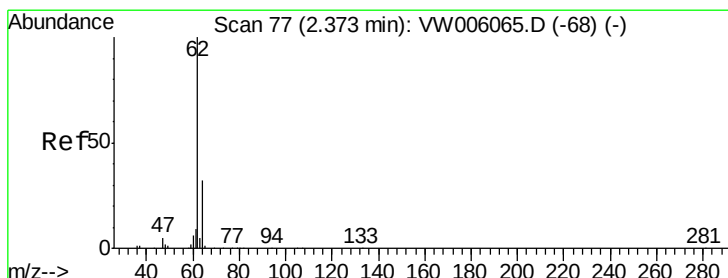
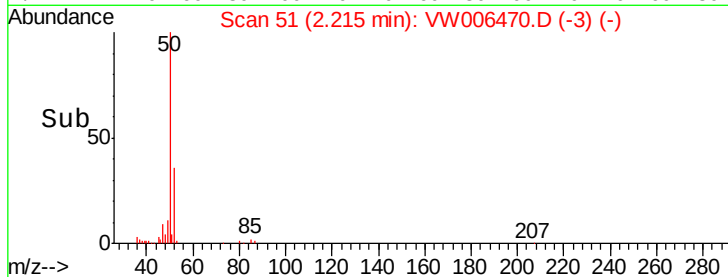
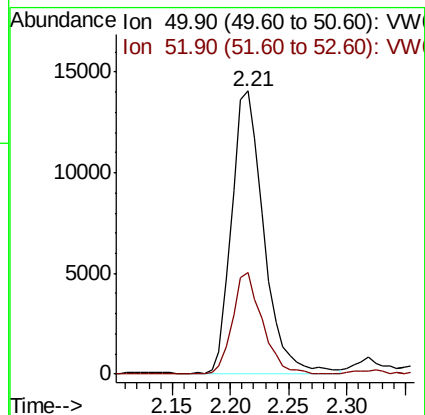
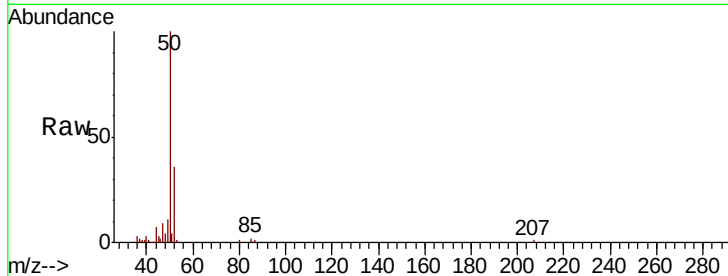
52 35.8 26.8 40.2

Manual Integrations

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10/30/2018 2:16:24 PM



#4

Vinyl Chloride

Concen: 21.246 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW006470.D

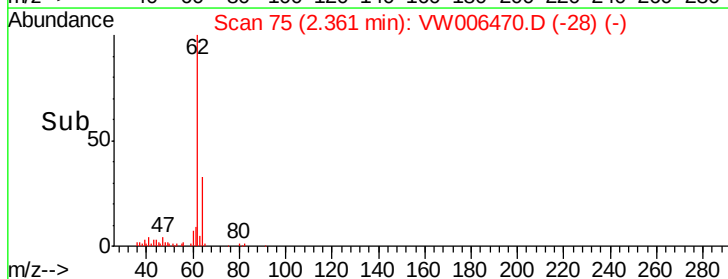
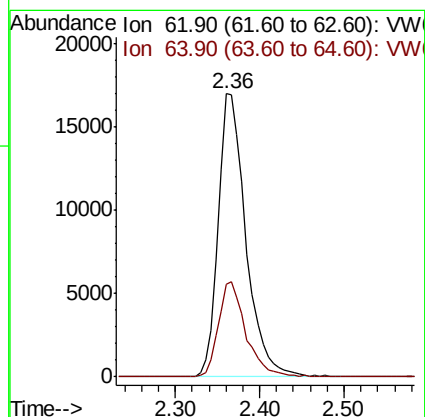
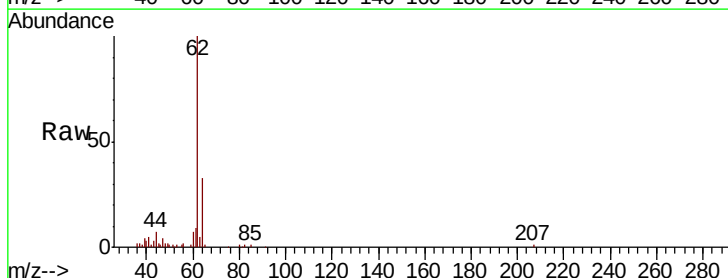
Acq: 30 Oct 2018 00:09

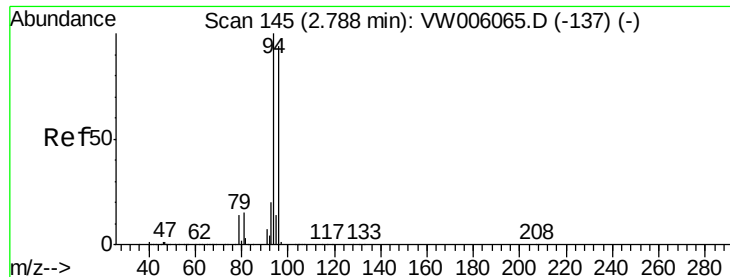
Tgt Ion: 62 Resp: 38477

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 22.399 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 94 Resp: 36896

Ion Ratio Lower Upper

94 100

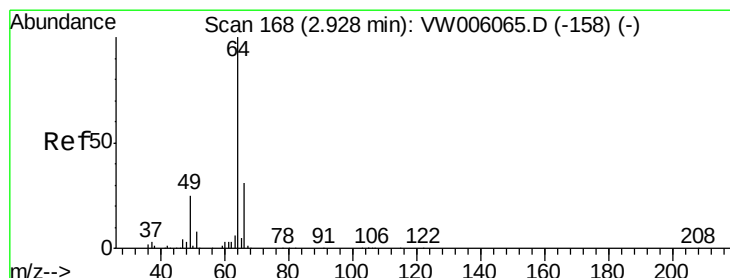
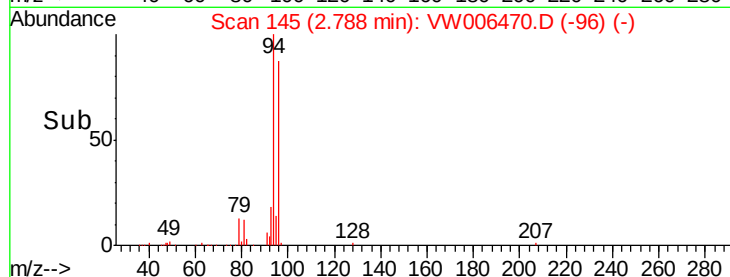
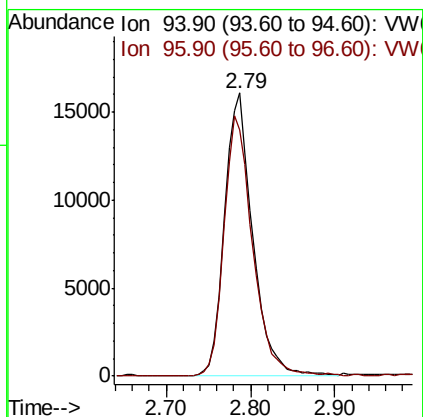
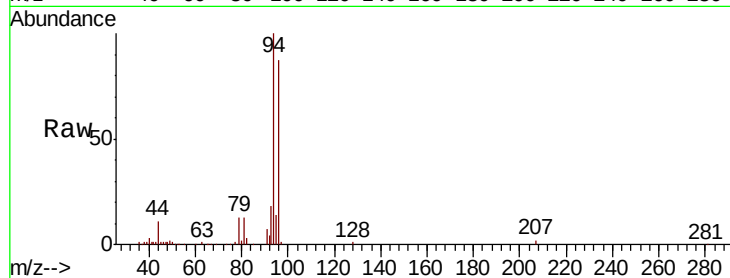
96 87.0 74.9 112.3

Manual Integrations

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10/30/2018 2:16:24 PM



#6

Chloroethane

Concen: 23.604 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006470.D

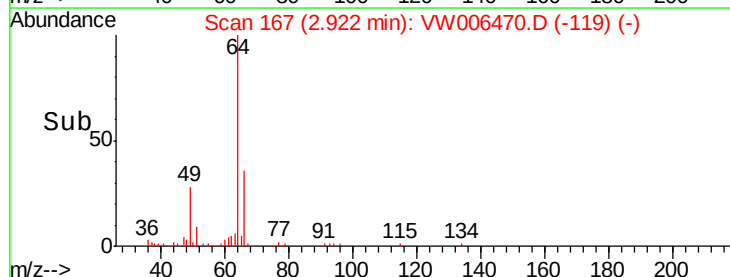
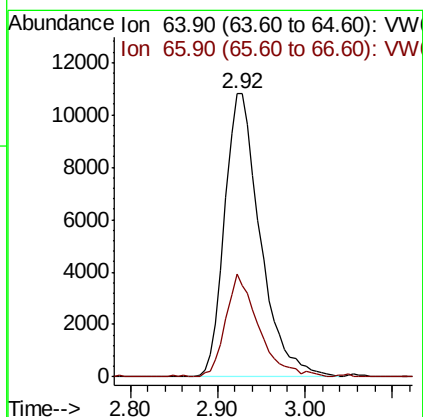
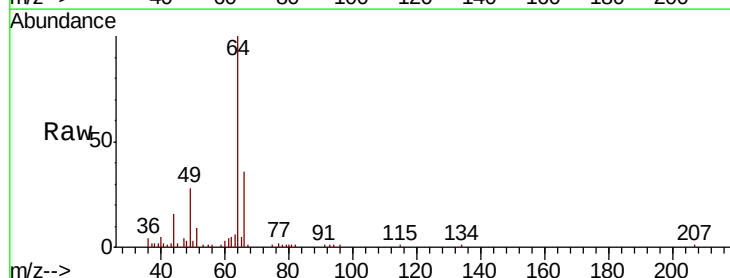
Acq: 30 Oct 2018 00:09

Tgt Ion: 64 Resp: 30635

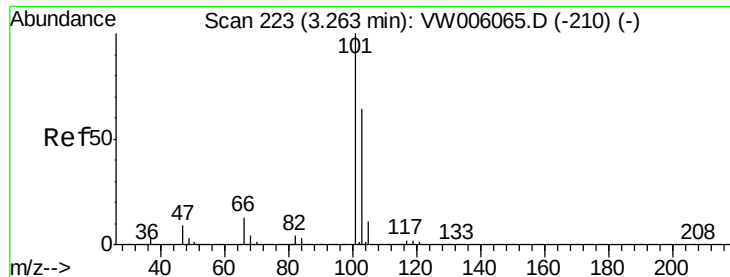
Ion Ratio Lower Upper

64 100

66 36.3 24.9 37.3







#7

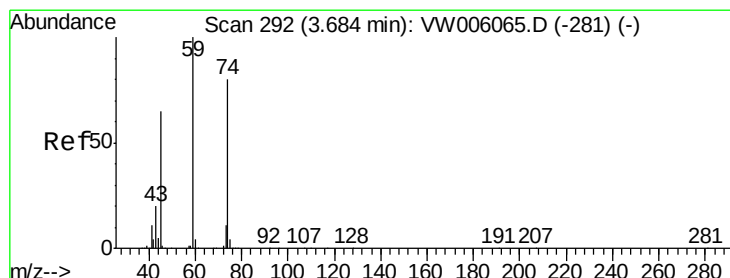
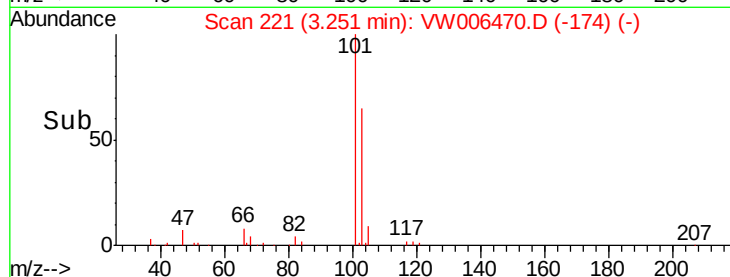
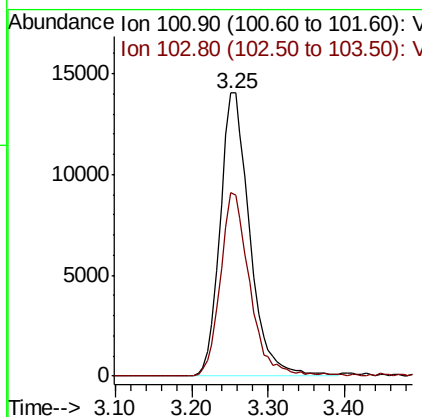
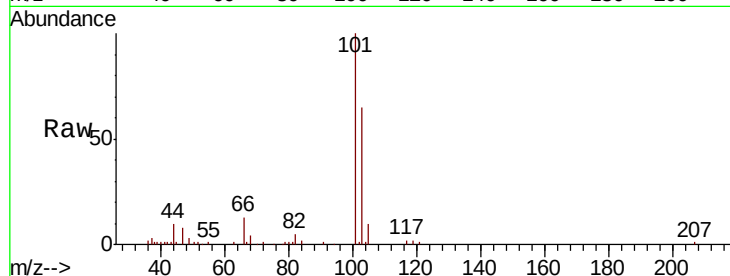
Trichlorofluoromethane  
Concen: 22.333 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.0  | 51.2  | 76.8  |

Manual Integrations  
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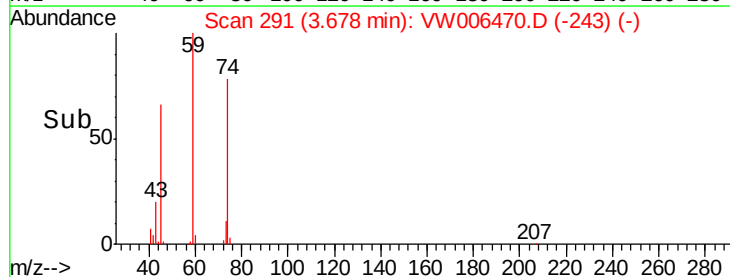
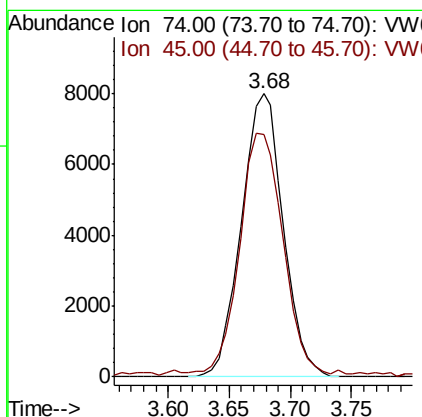
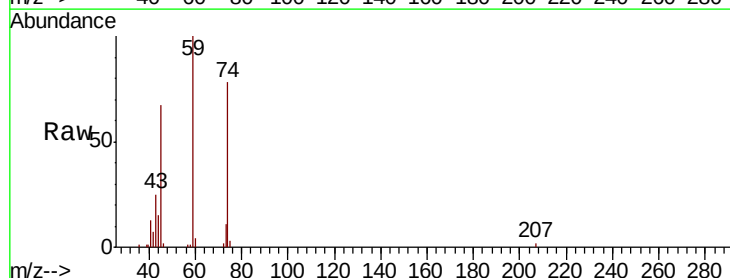
apatel  
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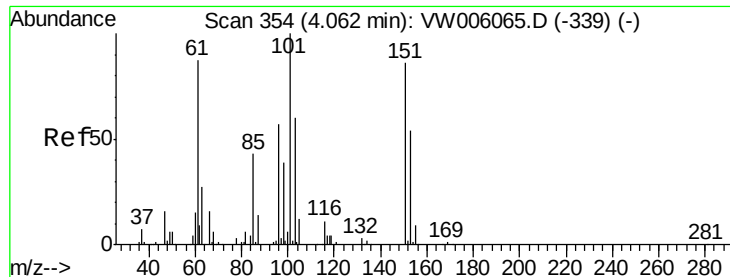
#8

Diethyl Ether  
Concen: 21.183 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.3  | 42.8  | 128.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.411 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

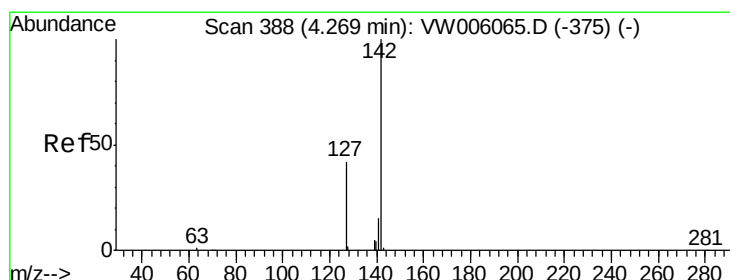
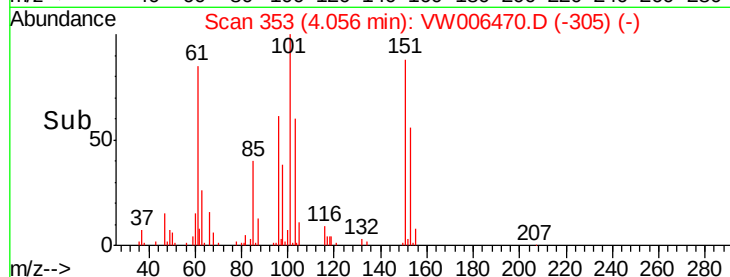
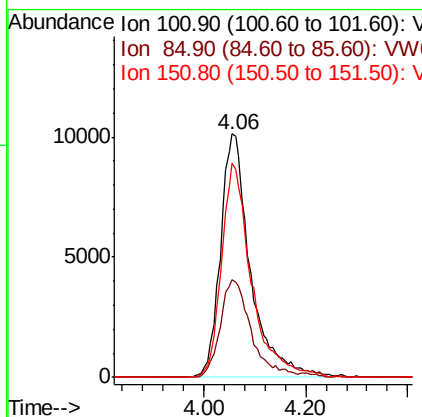
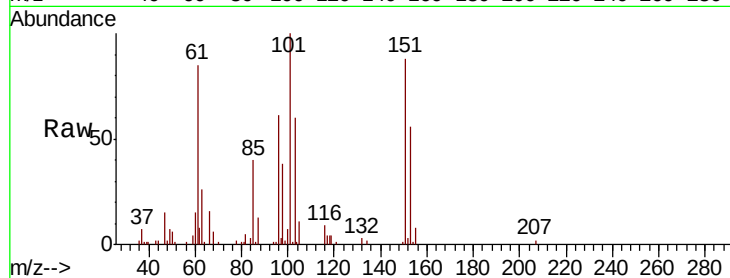
ClientSampleId :

VW1031SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 41393 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.2  | 34.9  | 52.3  |
| 151       | 87.0  | 70.4  | 105.6 |

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#10

Methyl Iodide

Concen: 22.921 ug/l

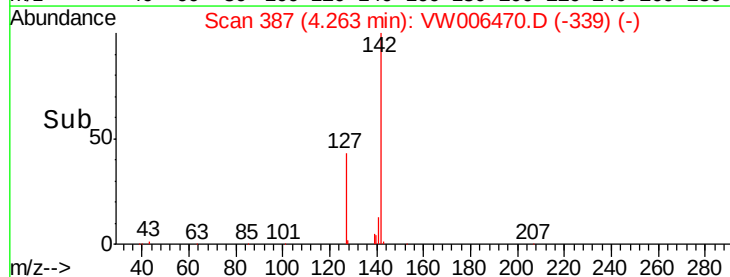
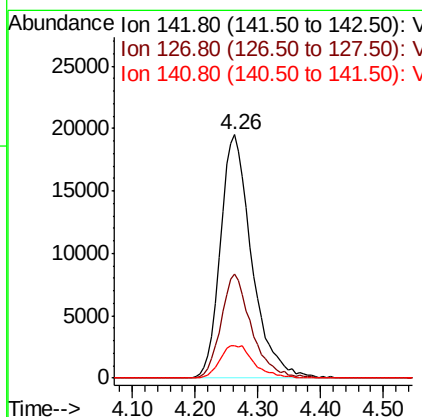
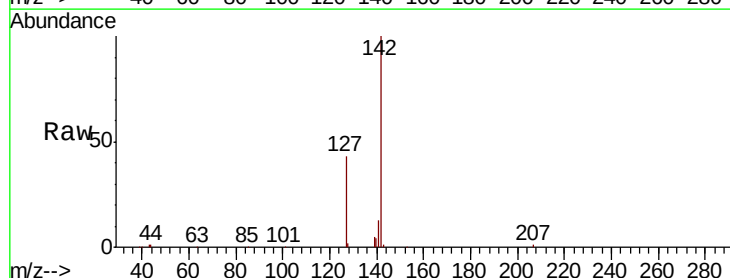
RT: 4.26 min Scan# 387

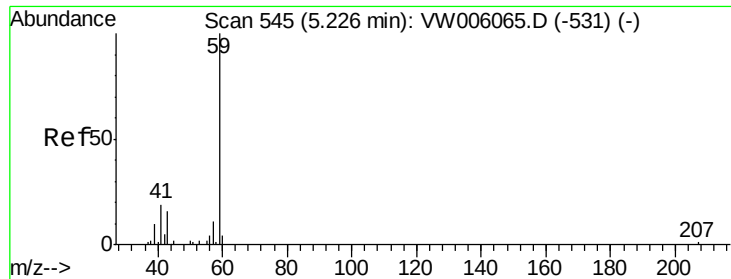
Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 67451 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.5  | 33.6  | 50.4  |
| 141       | 14.5  | 11.6  | 17.4  |





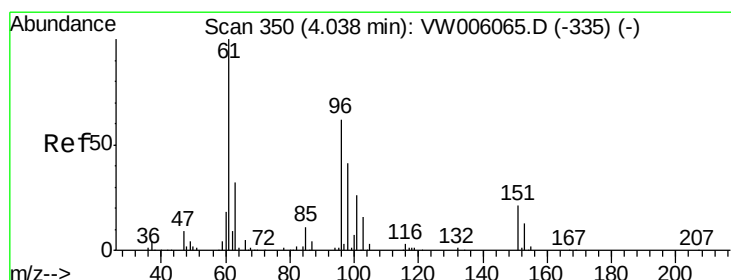
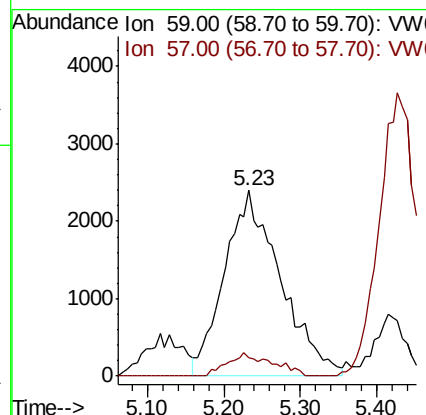
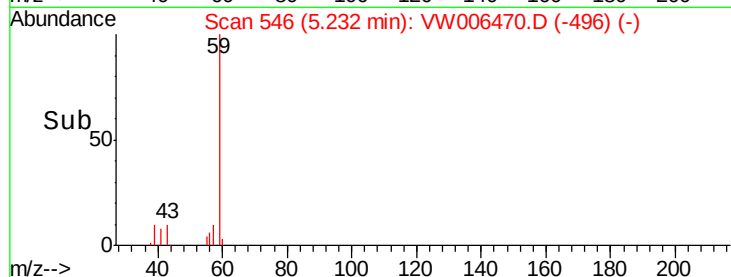
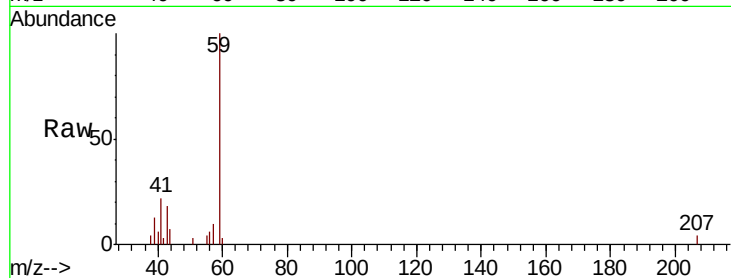
#11  
Tert butyl alcohol  
Concen: 109.652 ug/l  
RT: 5.23 min Scan# 546  
Delta R.T. 0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

Tot Ion: 59 Resp: 12172  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.7 13.1

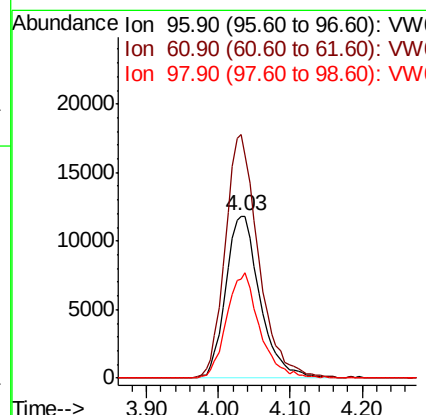
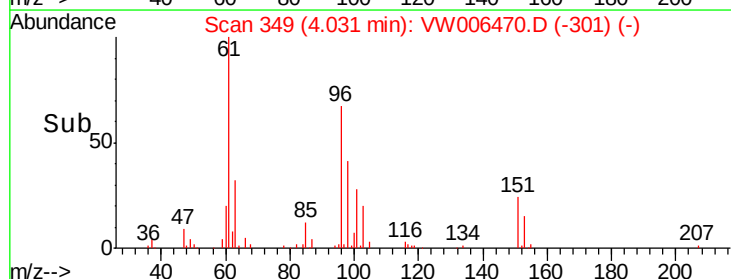
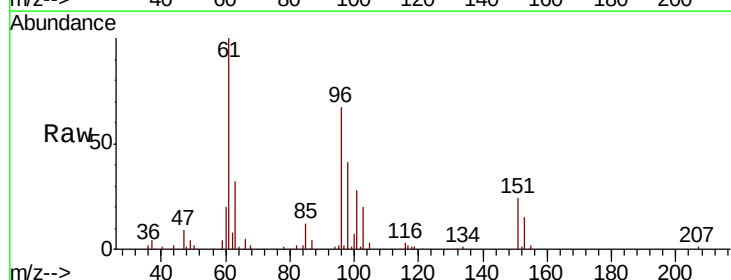
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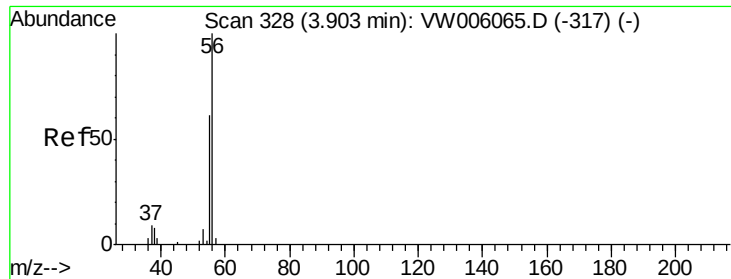
apatel  
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#12  
1,1-Dichloroethene  
Concen: 23.521 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Tgt Ion: 96 Resp: 39126  
Ion Ratio Lower Upper  
96 100  
61 150.3 129.3 193.9  
98 61.3 53.1 79.7





#13

Acrolein

Concen: 99.094 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 56 Resp: 10644

Ion Ratio Lower Upper

56 100

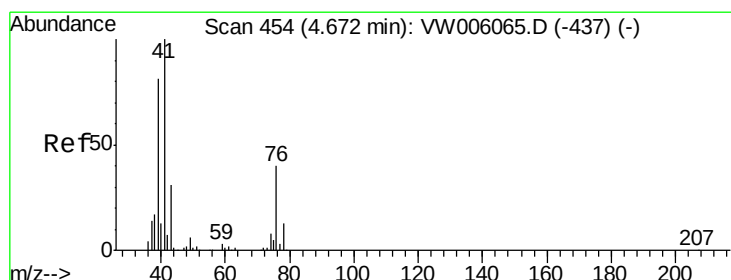
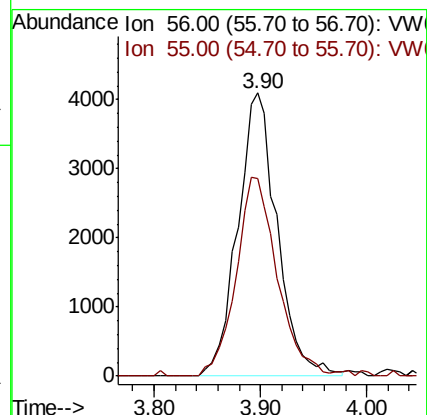
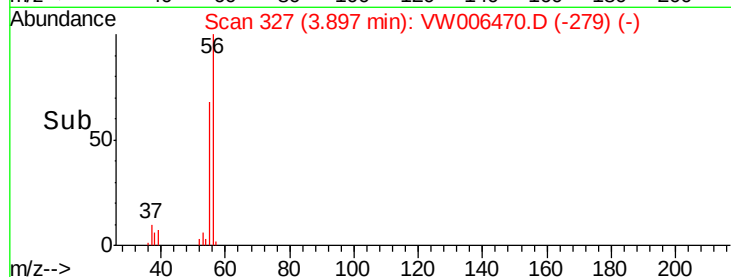
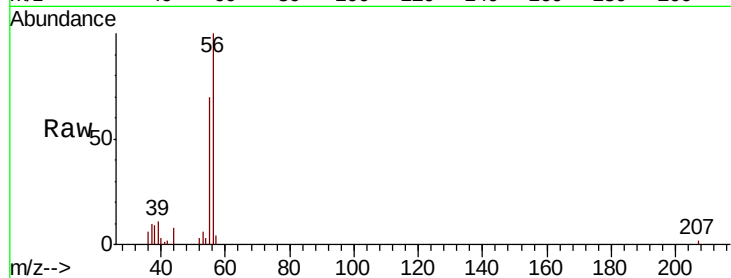
55 73.0 54.5 81.7

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#14

Allyl chloride

Concen: 21.750 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

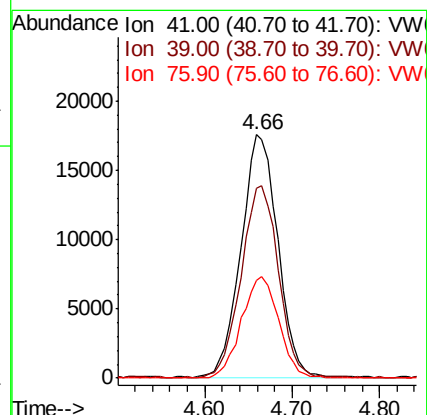
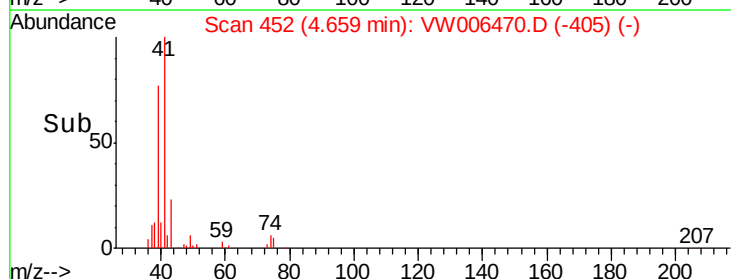
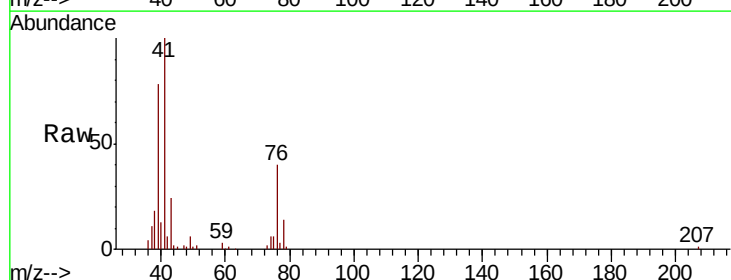
Tgt Ion: 41 Resp: 51732

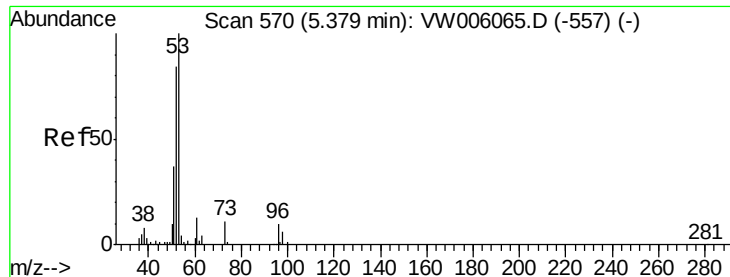
Ion Ratio Lower Upper

41 100

39 80.1 64.1 96.1

76 41.9 32.2 48.4





#15

Acrylonitrile

Concen: 121.056 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

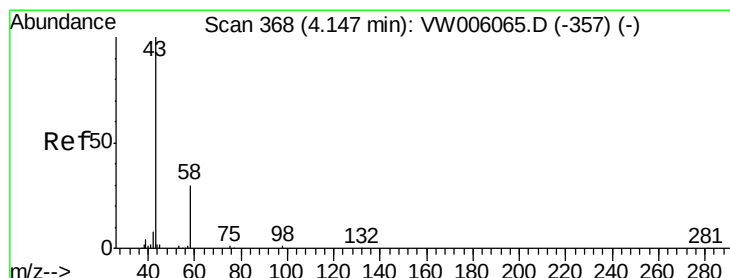
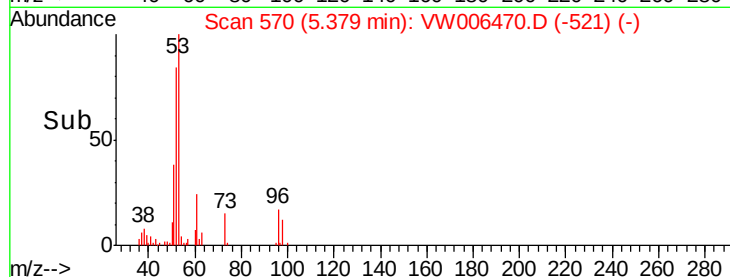
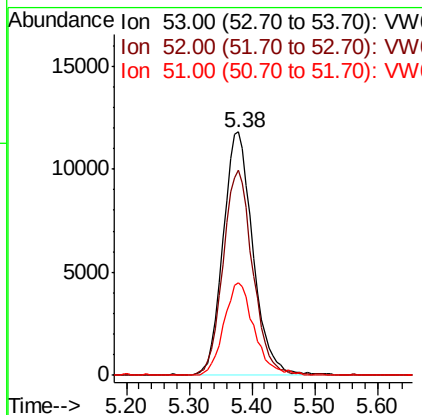
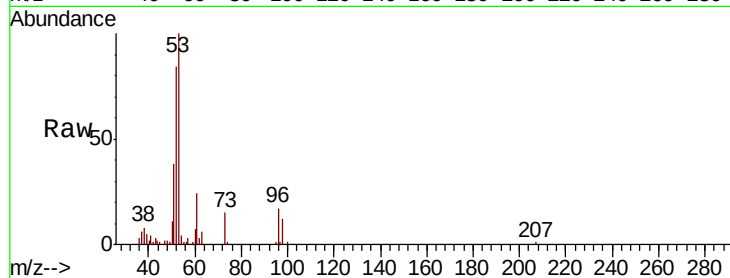
ClientSampleId :

VW1031SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 38932 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.7  | 66.9  | 100.3 |
| 51       | 38.4  | 30.1  | 45.1  |

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#16

Acetone

Concen: 110.856 ug/l

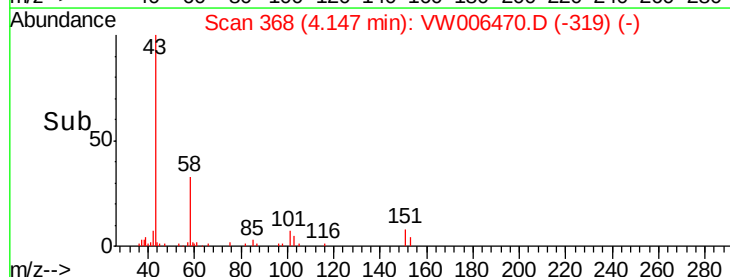
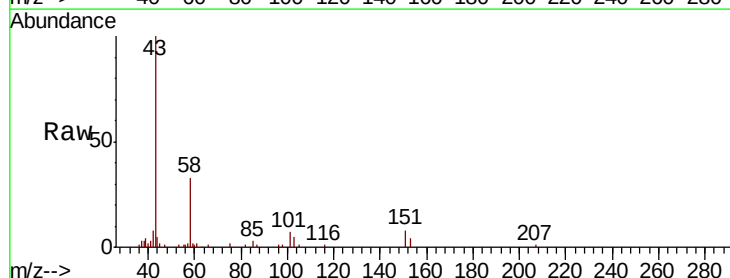
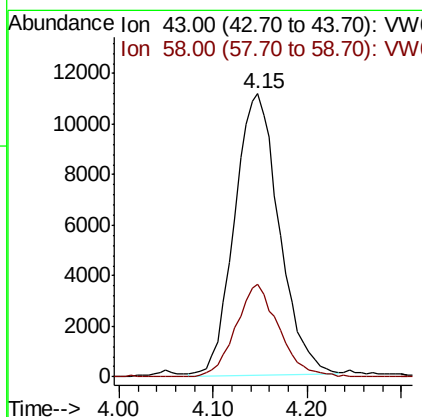
RT: 4.15 min Scan# 368

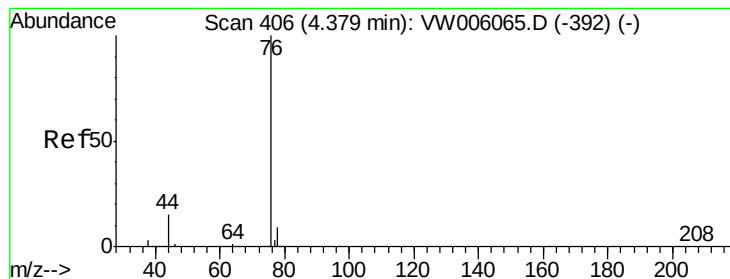
Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 36878 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.3  | 24.0  | 36.0  |





#17

Carbon Disulfide

Concen: 19.451 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion: 76 Resp: 97650

Ion Ratio Lower Upper

76 100

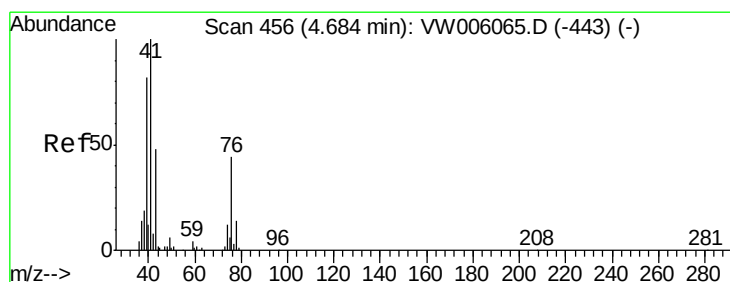
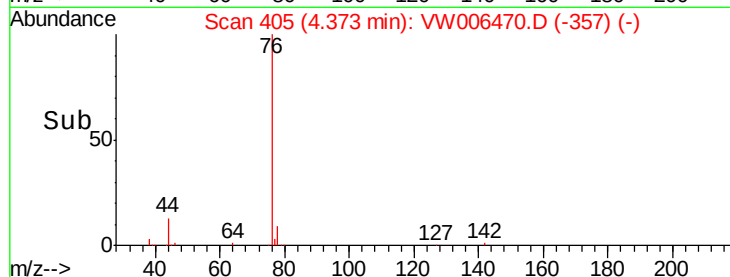
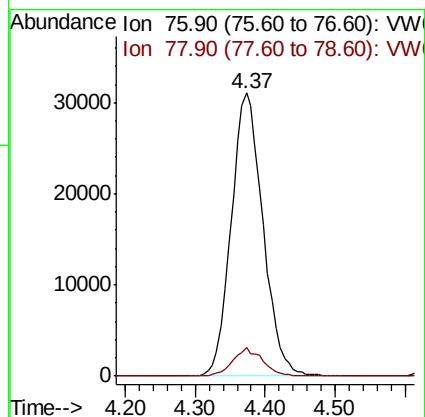
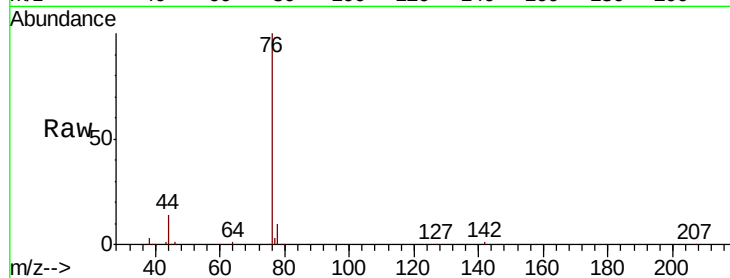
78 10.0 7.5 11.3

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#18

Methyl Acetate

Concen: 25.128 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006470.D

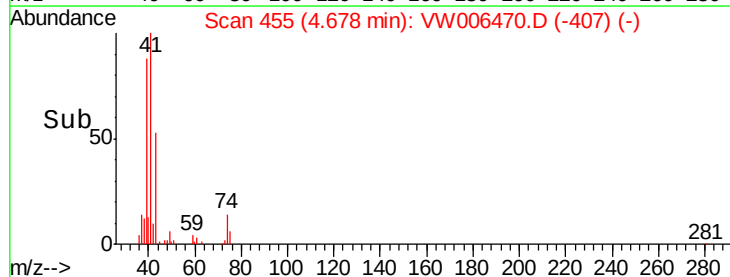
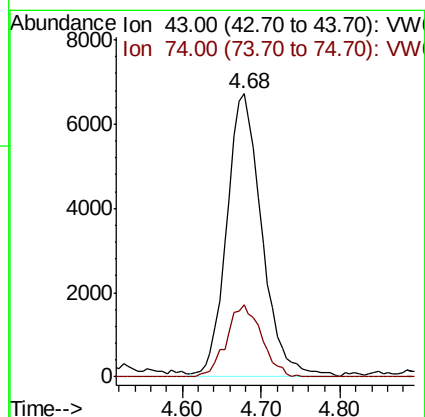
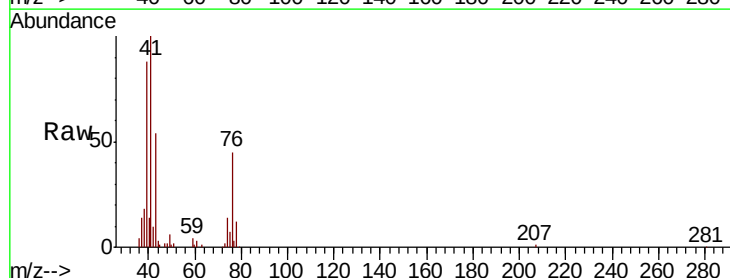
Acq: 30 Oct 2018 00:09

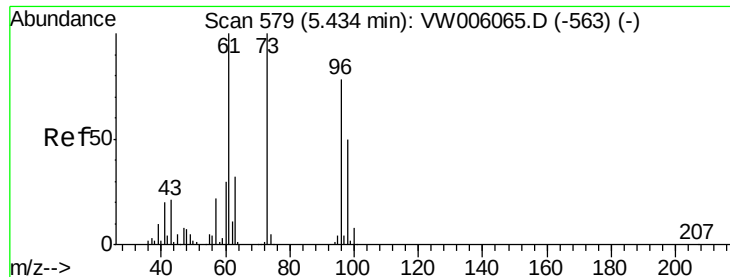
Tgt Ion: 43 Resp: 20872

Ion Ratio Lower Upper

43 100

74 25.2 20.5 30.7





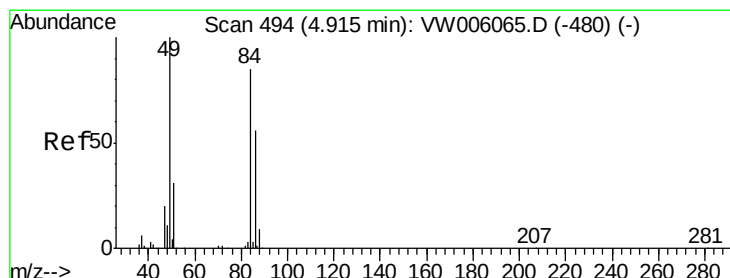
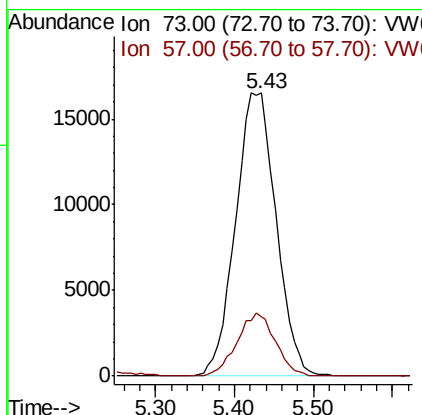
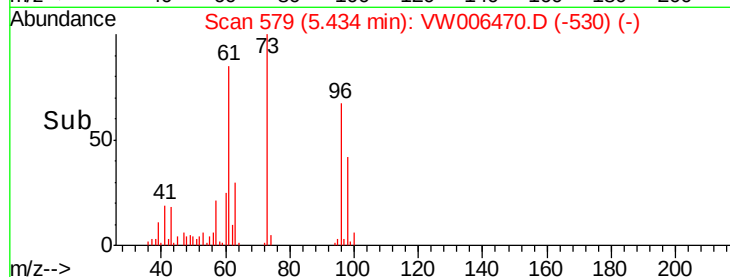
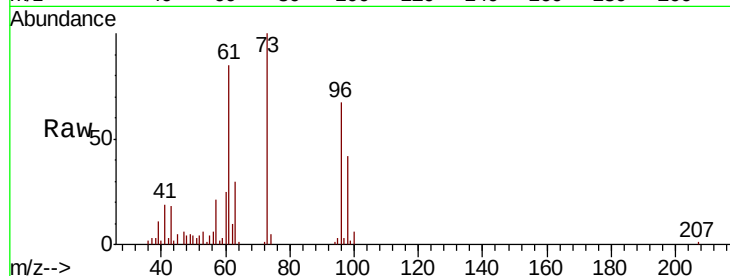
#19  
Methyl tert-butyl Ether  
Concen: 23.372 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.1  | 17.4  | 26.2  |

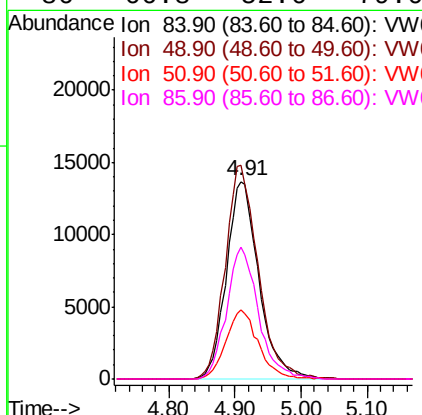
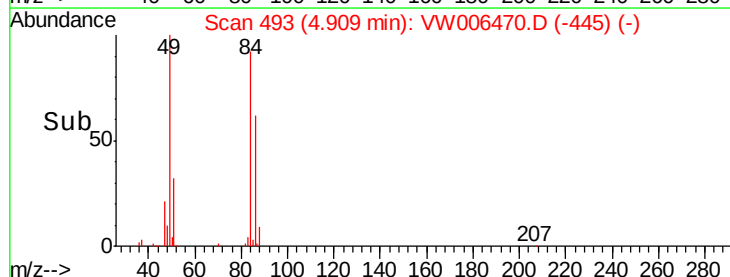
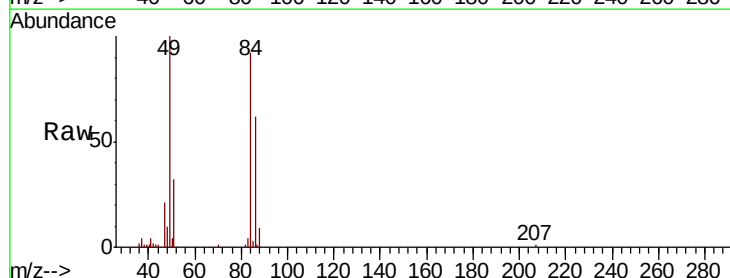
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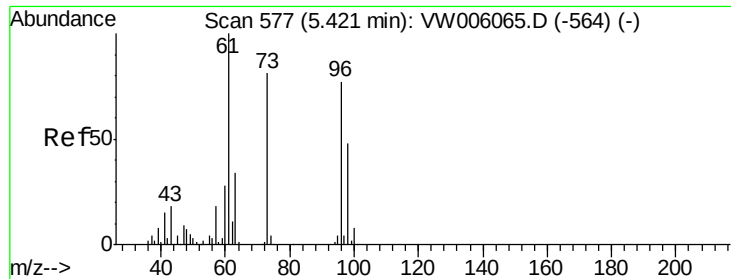
apatel  
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#20  
Methylene Chloride  
Concen: 25.941 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 108.3 | 93.6  | 140.4 |
| 51      | 35.0  | 29.0  | 43.4  |
| 86      | 66.8  | 52.6  | 79.0  |





#21

trans-1,2-Dichloroethene

Concen: 24.217 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

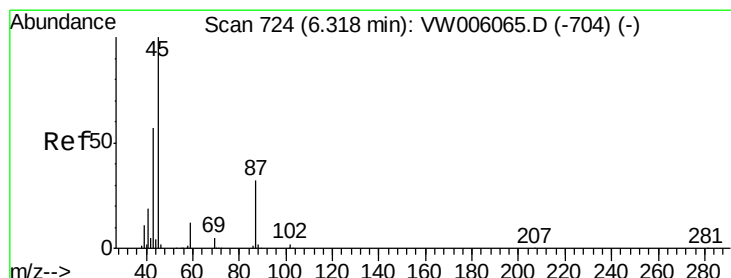
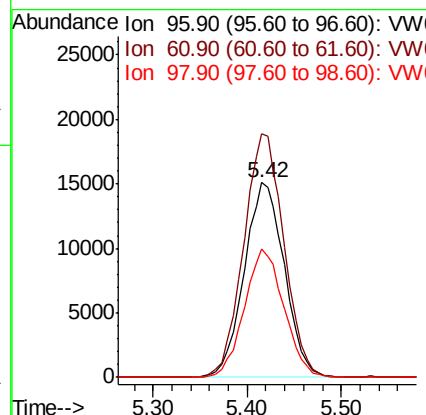
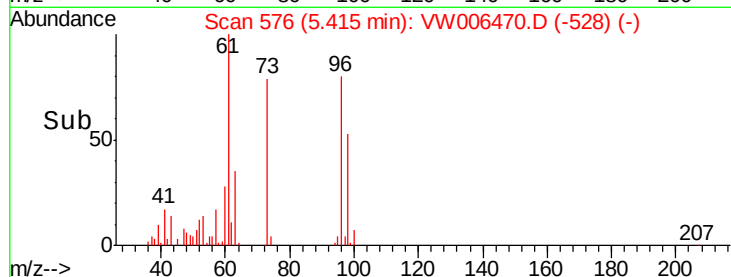
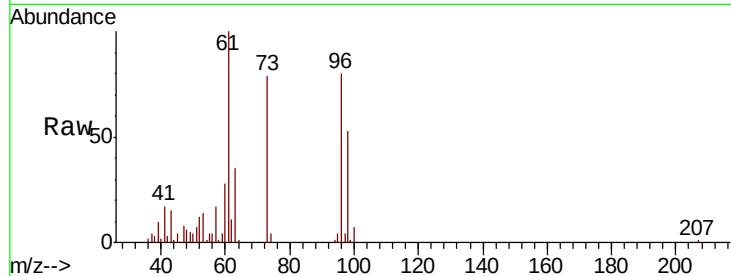
ClientSampleId :

VW1031SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 44964 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 125.1 | 104.5 | 156.7 |
| 98       | 65.9  | 50.6  | 75.8  |

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#22

Diisopropyl ether

Concen: 23.696 ug/l

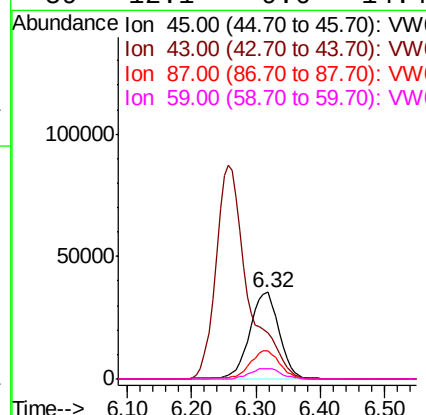
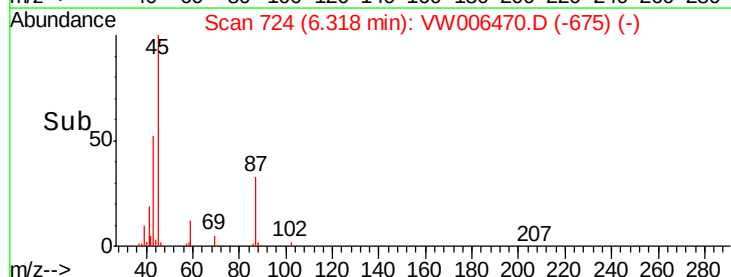
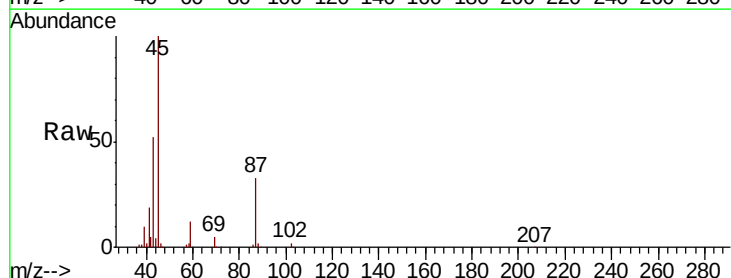
RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

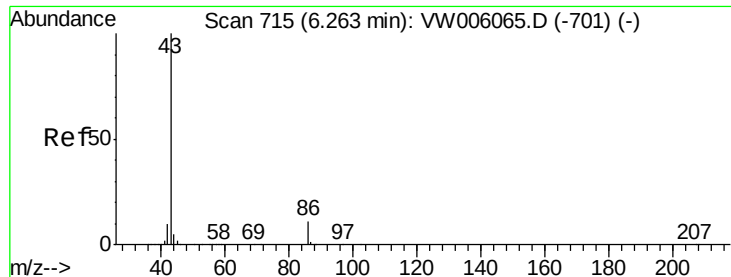
Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 111375 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 51.7  | 45.7  | 68.5   |
| 87       | 32.8  | 25.9  | 38.9   |
| 59       | 12.1  | 9.6   | 14.4   |







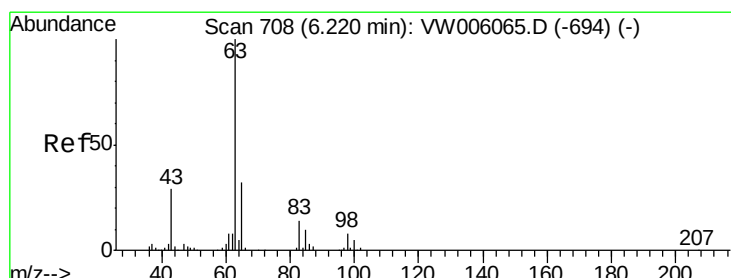
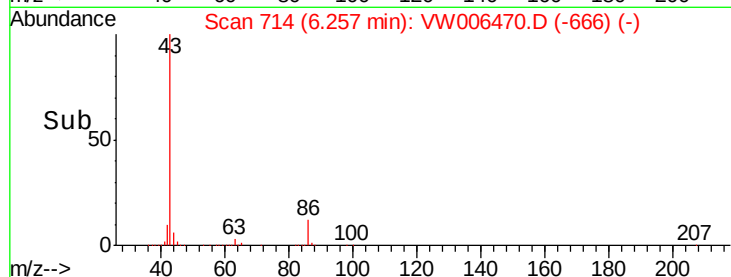
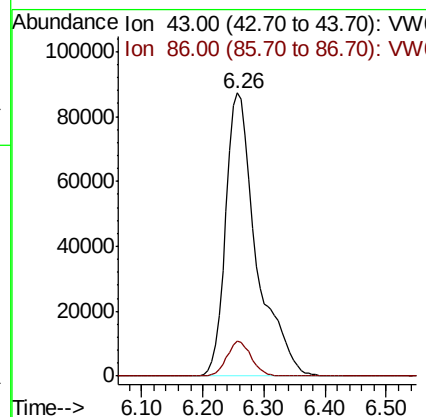
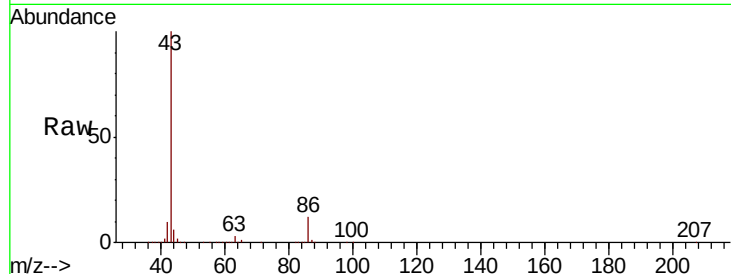
#23  
 Vinyl Acetate  
 Concen: 109.361 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. -0.01 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 12.3  | 9.0   | 13.6  |

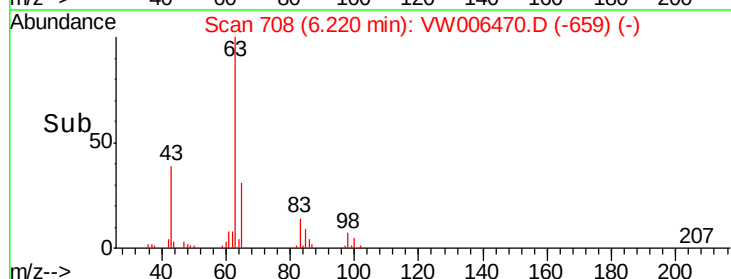
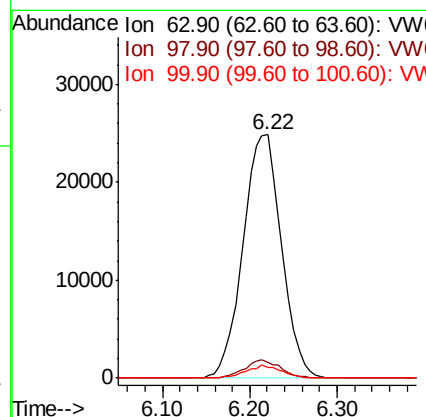
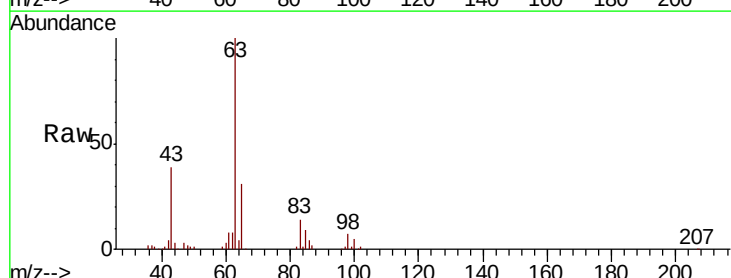
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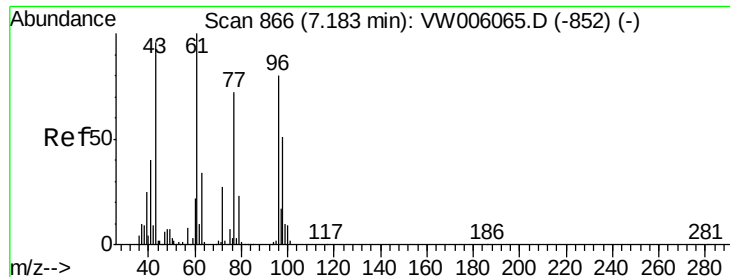
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#24  
 1,1-Dichloroethane  
 Concen: 25.006 ug/l  
 RT: 6.22 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 6.7   | 3.8   | 11.2  |
| 100     | 4.5   | 2.5   | 7.5   |





#25

2-Butanone

Concen: 115.890 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 43 Resp: 51674

Ion Ratio Lower Upper

43 100

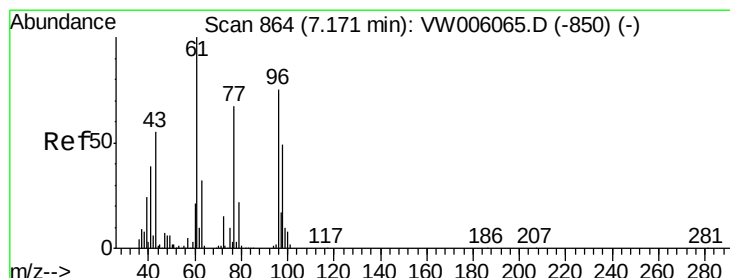
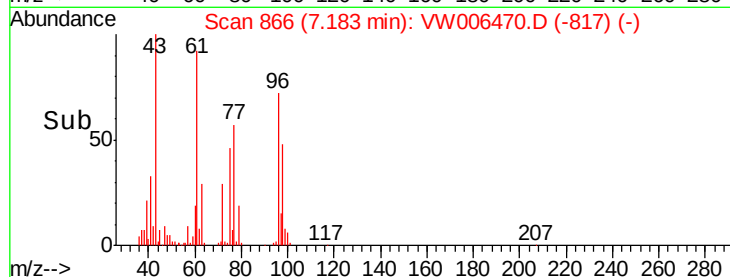
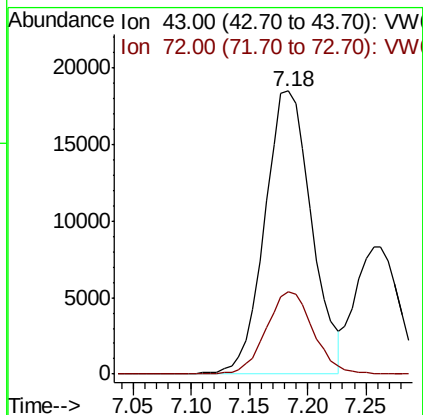
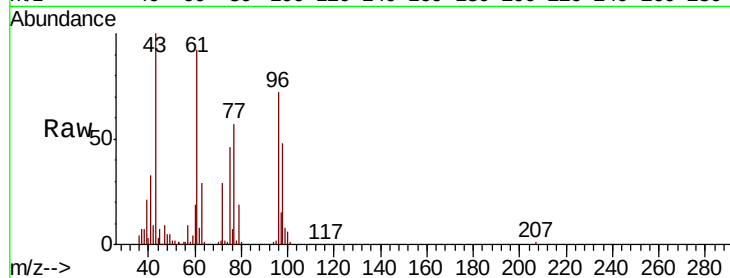
72 29.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 22.028 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006470.D

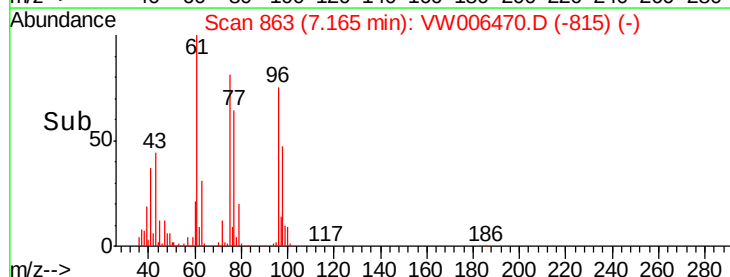
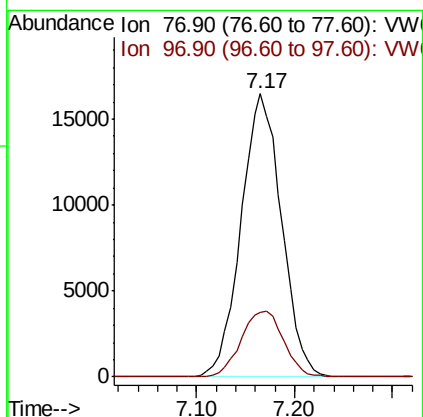
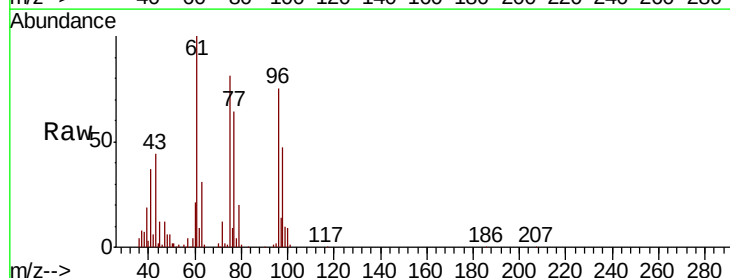
Acq: 30 Oct 2018 00:09

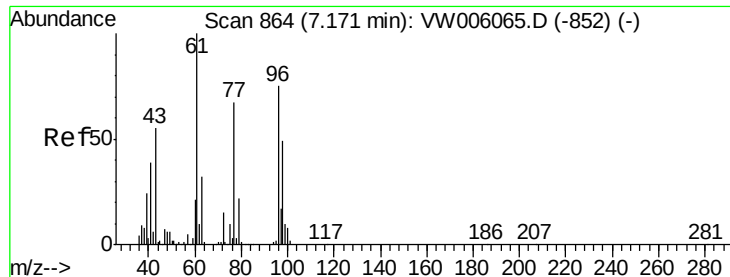
Tgt Ion: 77 Resp: 47118

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.4





#27

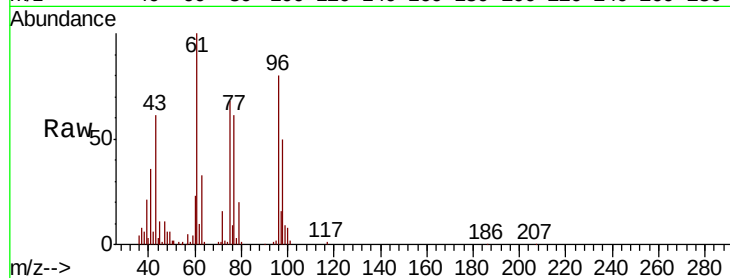
cis-1,2-Dichloroethene  
Concen: 24.977 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.4 | 0.0   | 267.2 |
| 98      | 64.9  | 0.0   | 128.6 |

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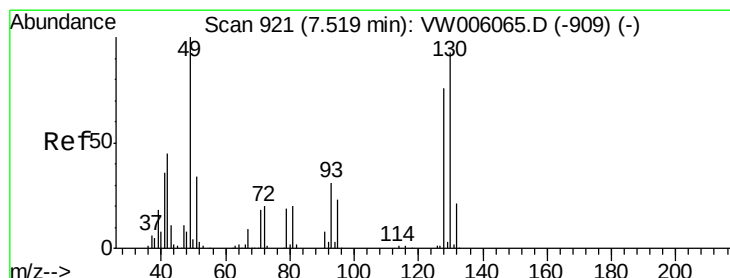
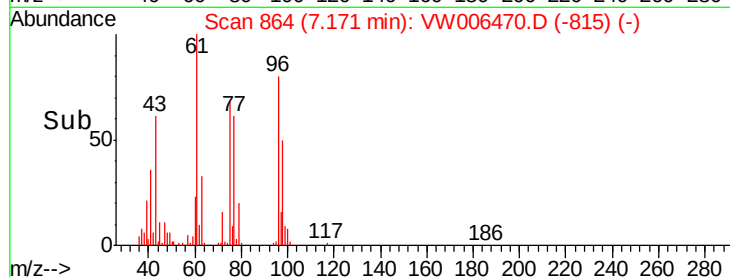
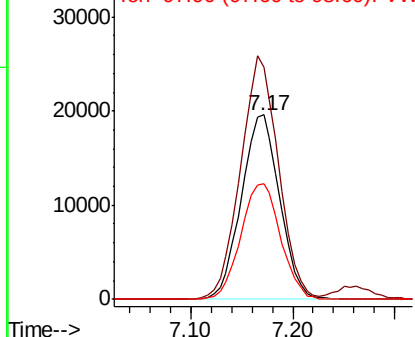


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

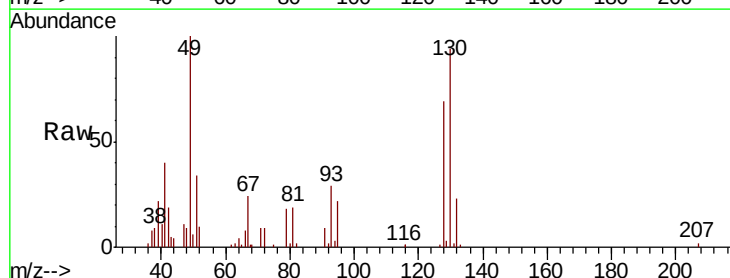
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane  
Concen: 21.420 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 5.0   |
| 130     | 98.1  | 73.8  | 110.8 |

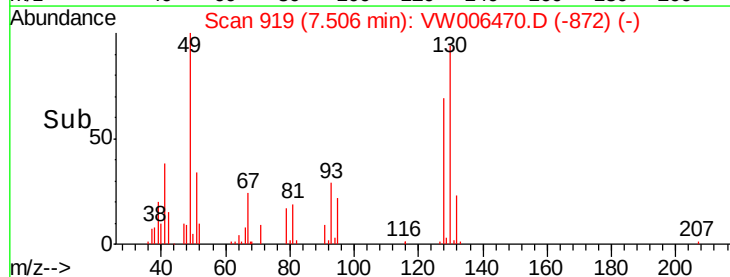
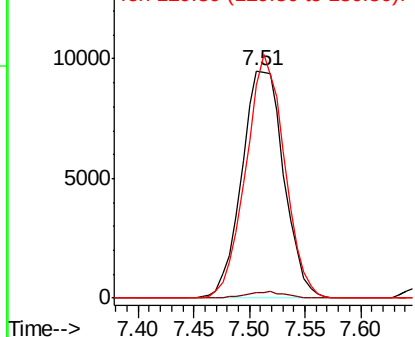


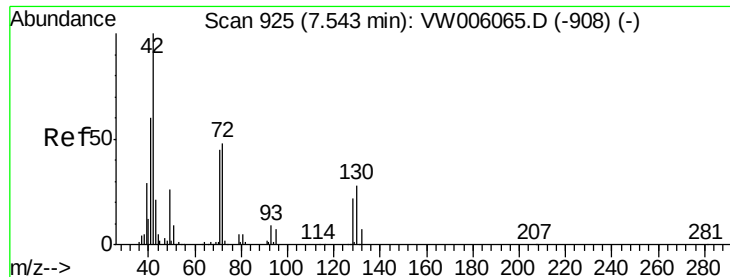
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





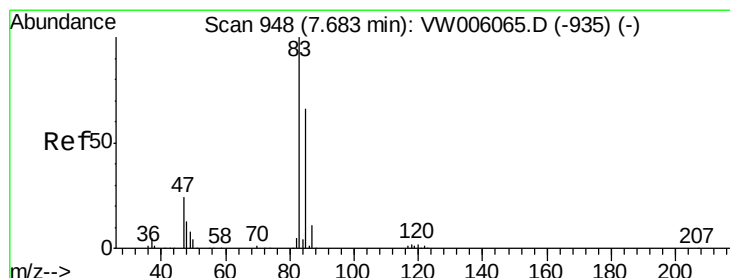
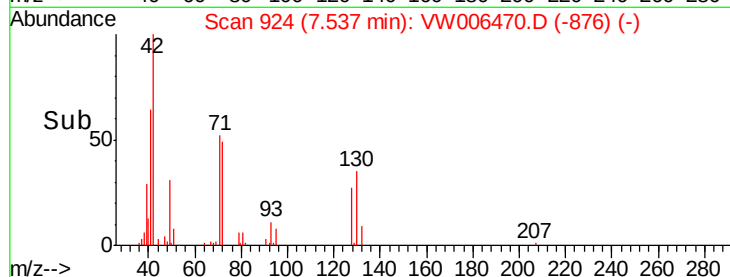
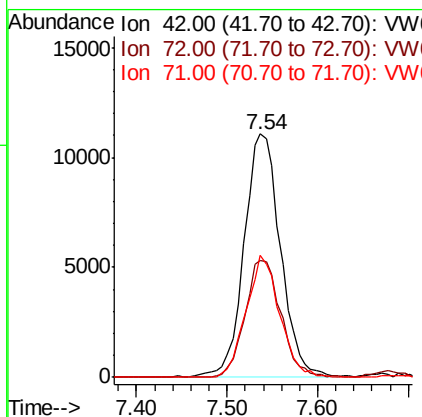
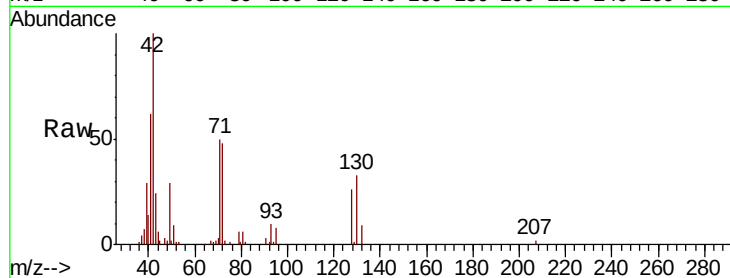
#29  
Tetrahydrofuran  
Concen: 112.016 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 30701 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.4  | 38.0  | 57.0  |
| 71       | 46.3  | 35.3  | 52.9  |

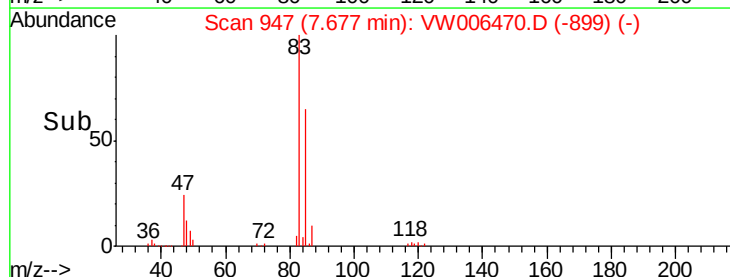
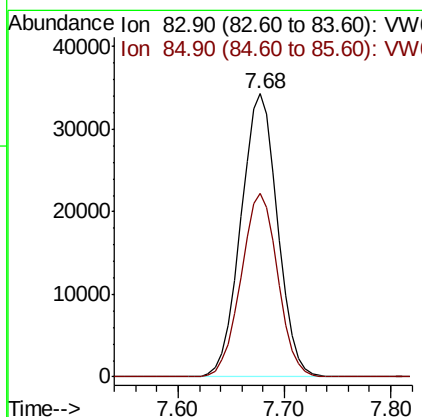
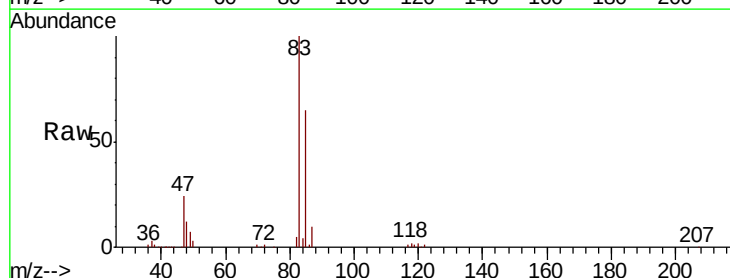
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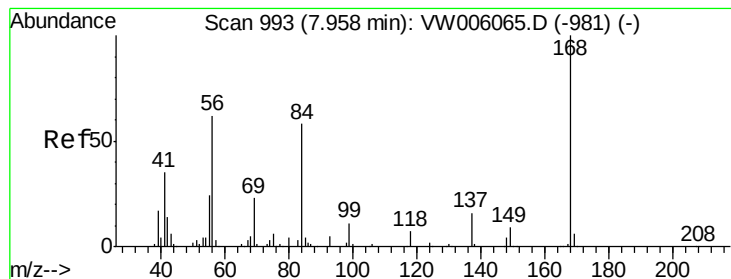
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#30  
Chloroform  
Concen: 25.070 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 82838 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.0  | 52.6  | 79.0  |





#31

Cyclohexane

Concen: 20.505 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

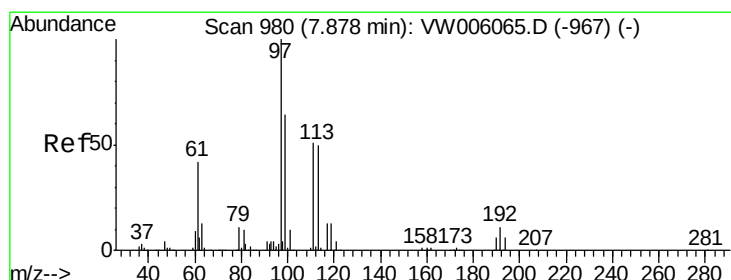
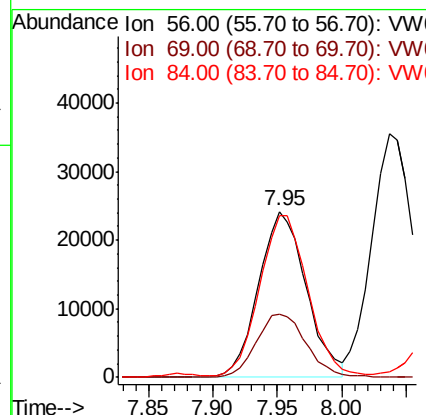
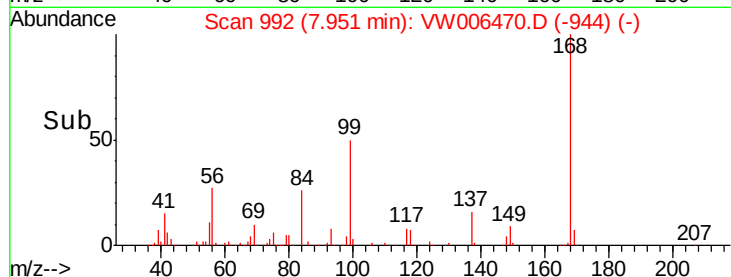
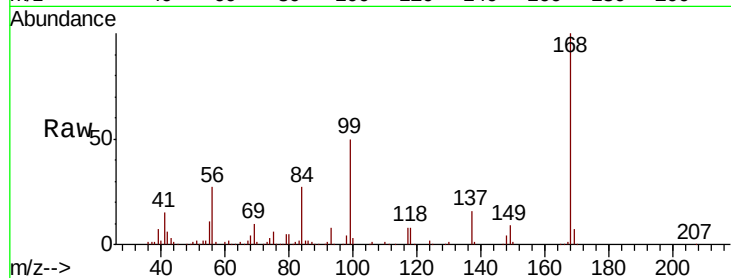
ClientSampleId :

VW1031SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 61930 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 37.7  | 29.4  | 44.0  |
| 84       | 96.0  | 74.0  | 111.0 |

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#32

1,1,1-Trichloroethane

Concen: 22.755 ug/l

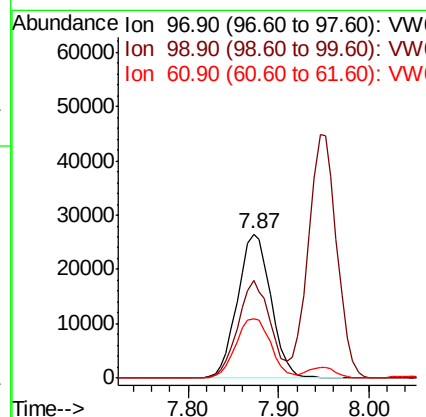
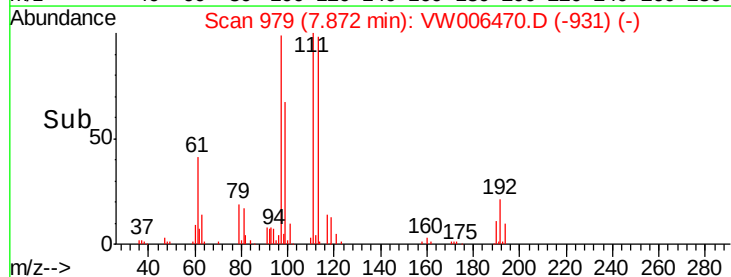
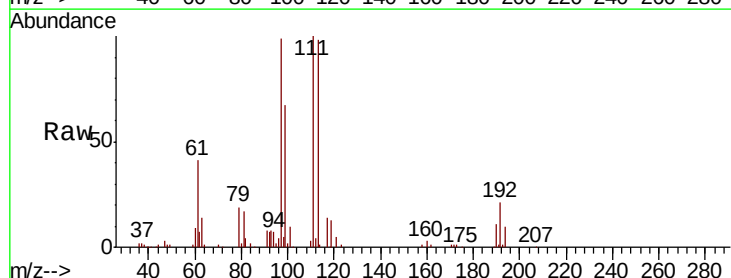
RT: 7.87 min Scan# 979

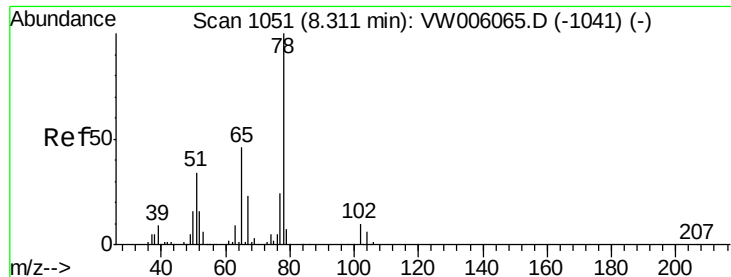
Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 67824 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.4  | 50.9  | 76.3  |
| 61       | 43.1  | 33.7  | 50.5  |





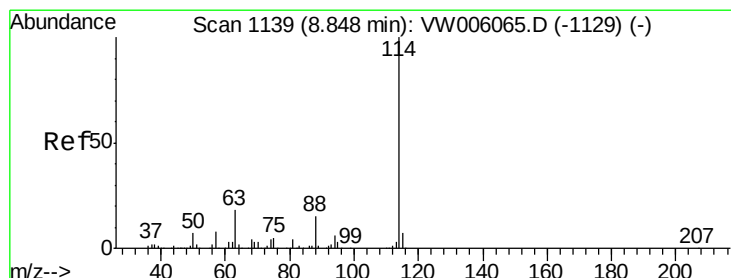
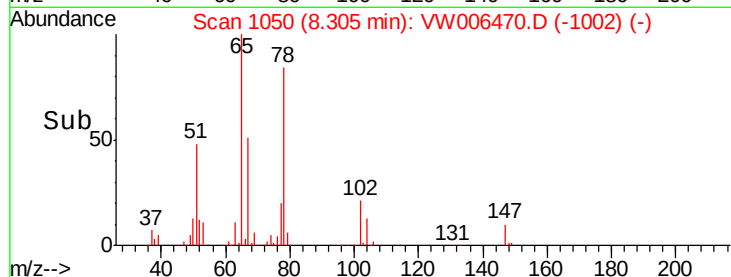
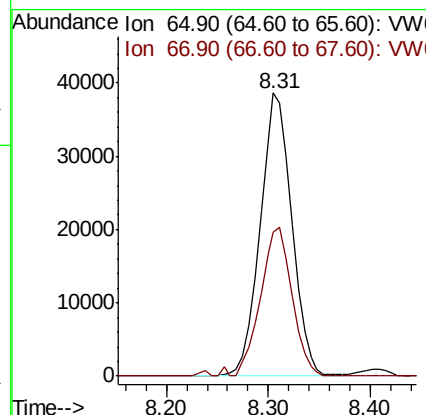
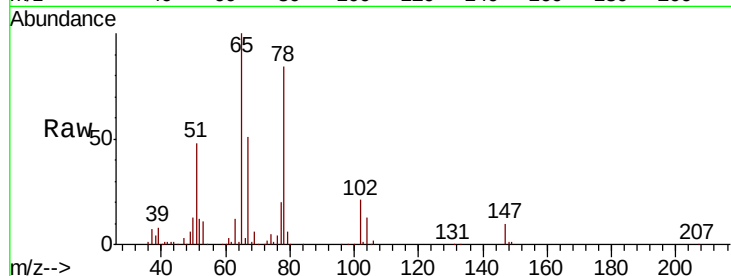
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.492 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.4  | 0.0  | 101.0 |       |

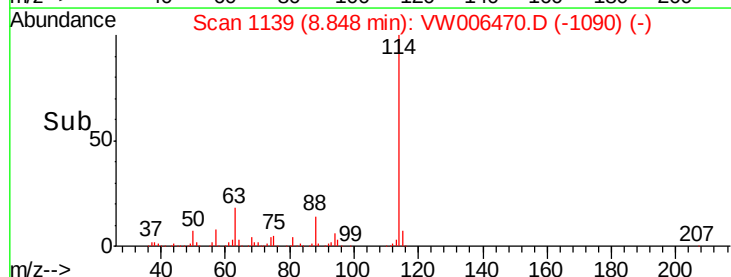
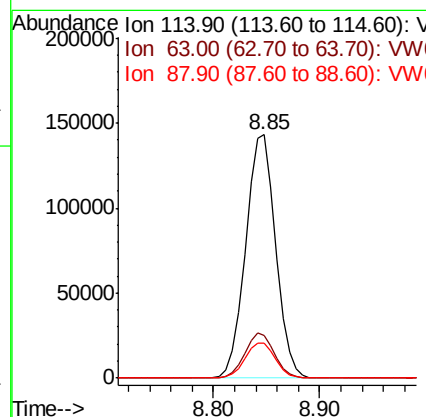
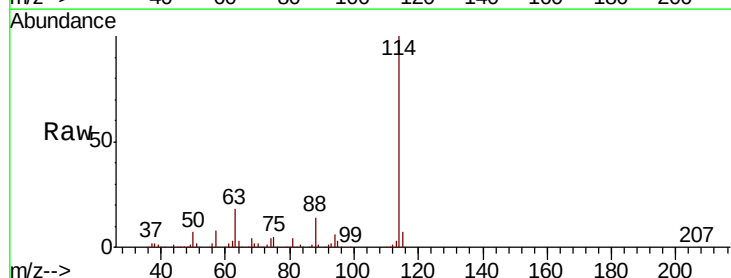
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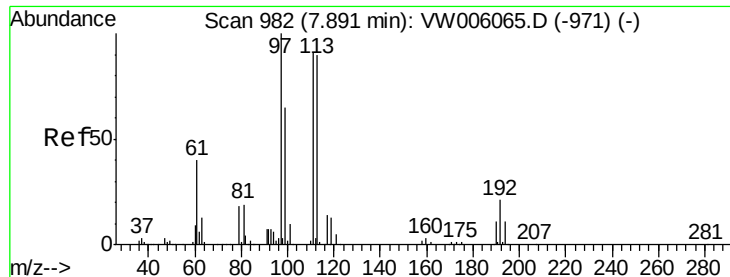
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 17.6  | 0.0  | 36.8  |       |
| 88      | 14.3  | 0.0  | 29.0  |       |





#35

Dibromofluoromethane

Concen: 52.741 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

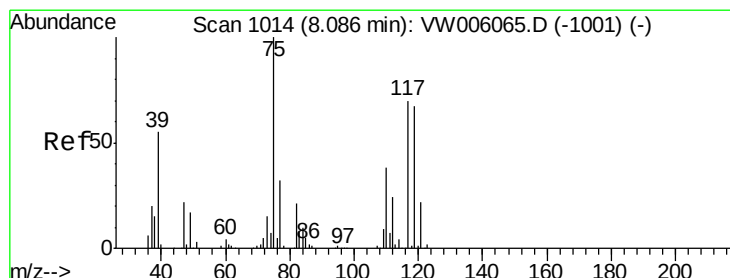
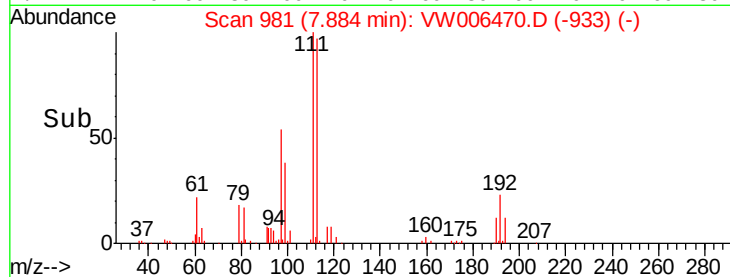
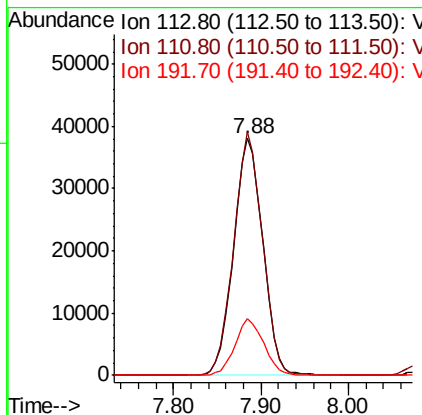
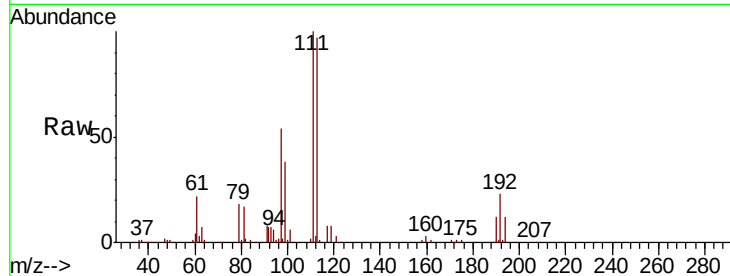
ClientSampleId :

VW1031SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 88409 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 101.2 | 81.4  | 122.0 |
| 192       | 23.5  | 18.7  | 28.1  |

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#36

1,1-Dichloropropene

Concen: 23.787 ug/l

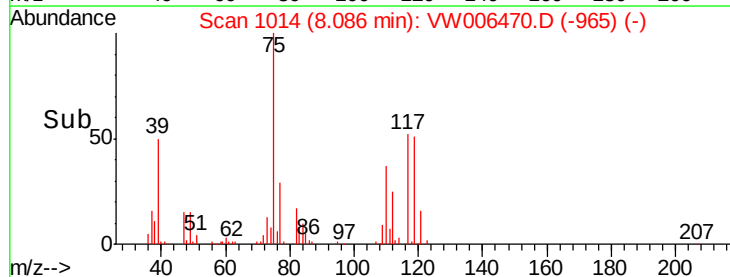
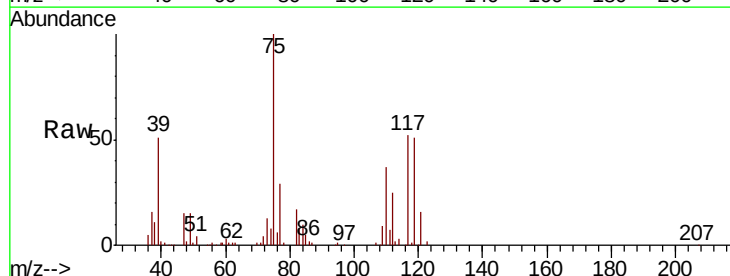
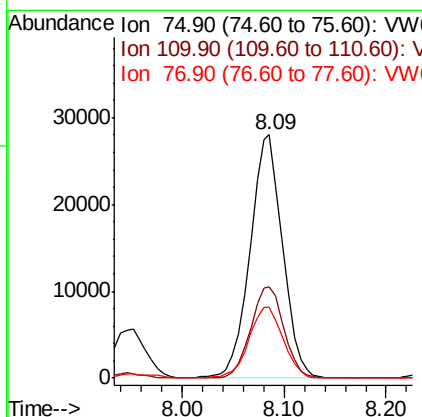
RT: 8.09 min Scan# 1014

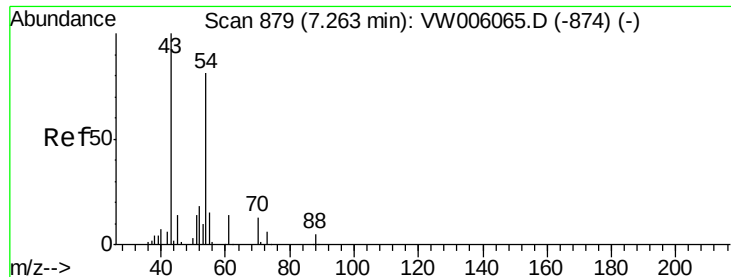
Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 62197 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 38.2  | 19.1  | 57.1  |
| 77        | 30.8  | 25.0  | 37.4  |





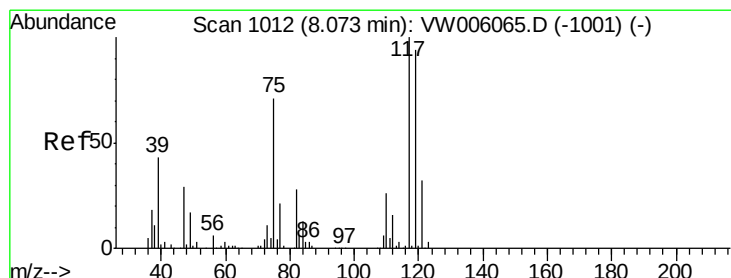
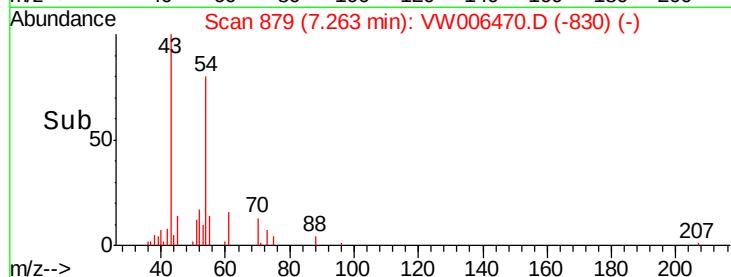
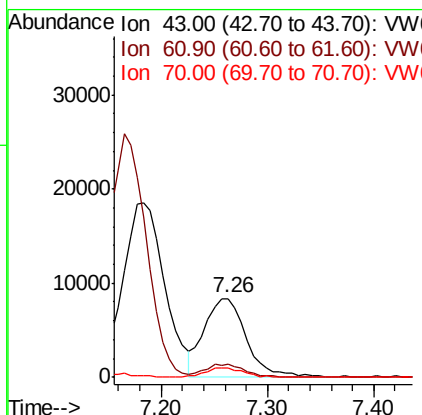
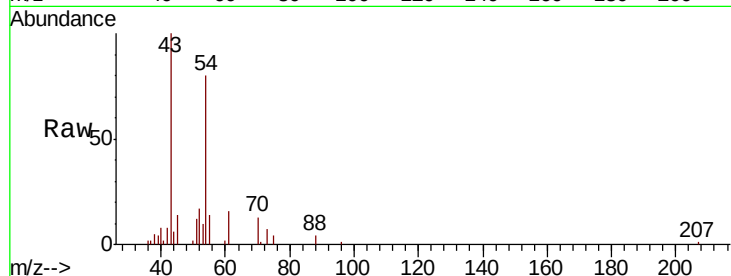
#37  
Ethyl Acetate  
Concen: 23.627 ug/l  
RT: 7.26 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.3  | 11.5  | 17.3  |
| 70      | 10.9  | 9.2   | 13.8  |

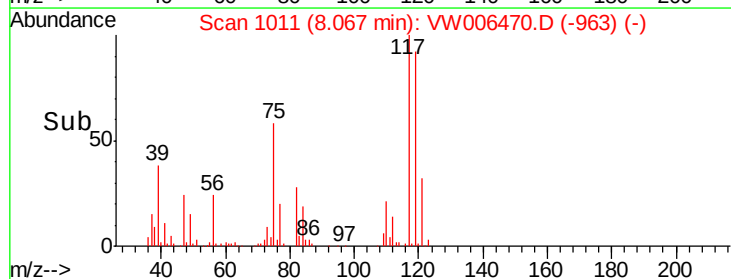
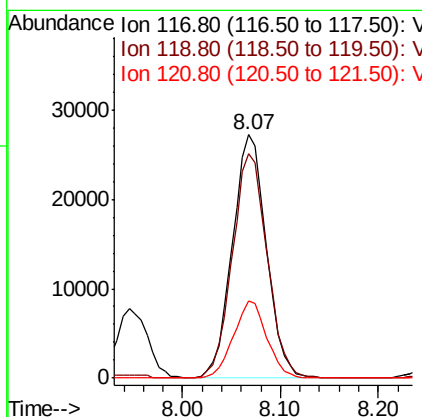
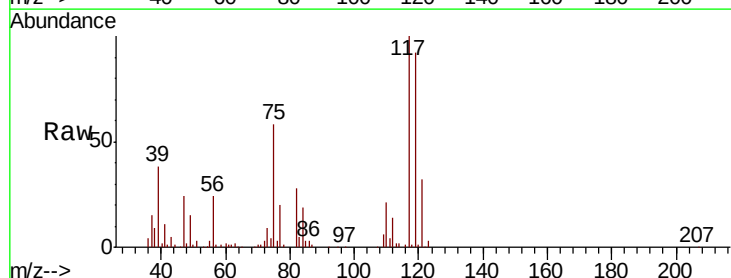
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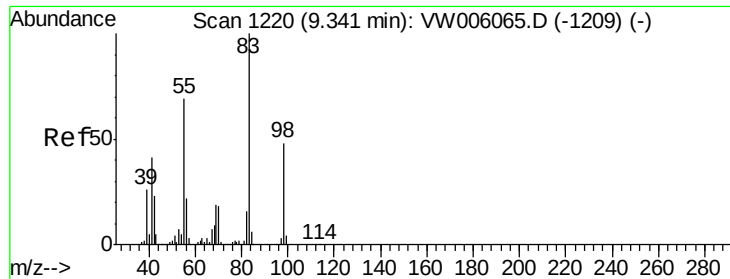


#38  
Carbon Tetrachloride  
Concen: 22.917 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.0  | 75.2  | 112.8 |
| 121     | 31.5  | 25.3  | 37.9  |







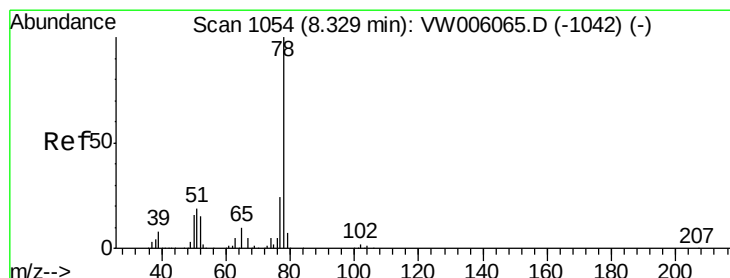
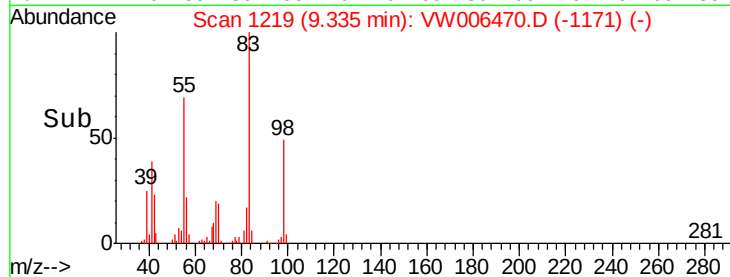
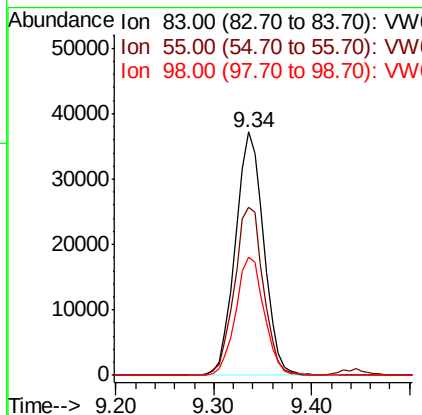
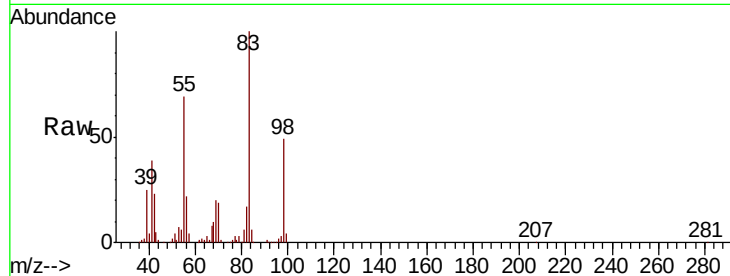
#39  
Methylvlcyclohexane  
Concen: 21.518 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion   | 83   | Resp  | 74792 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 69.3 | 55.0  | 82.6  |
| 98        | 48.5 | 38.6  | 57.8  |

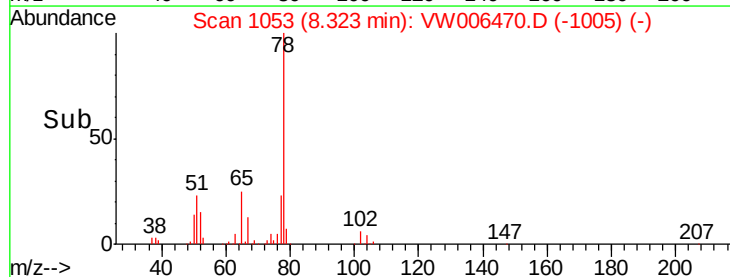
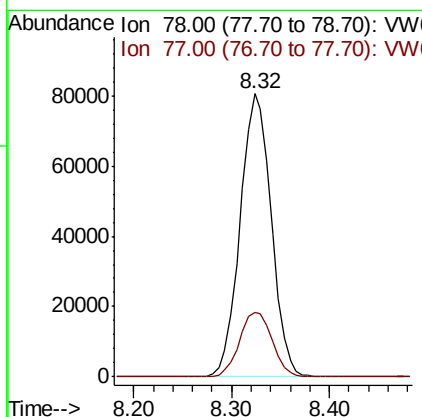
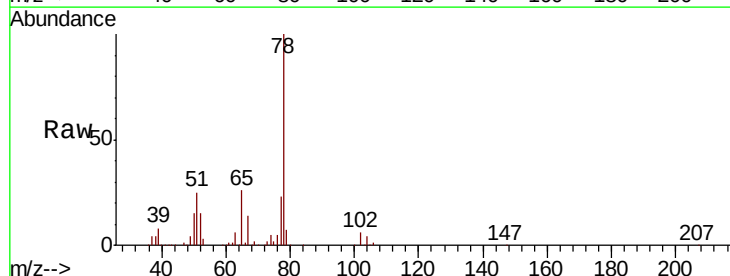
Manual Integrations  
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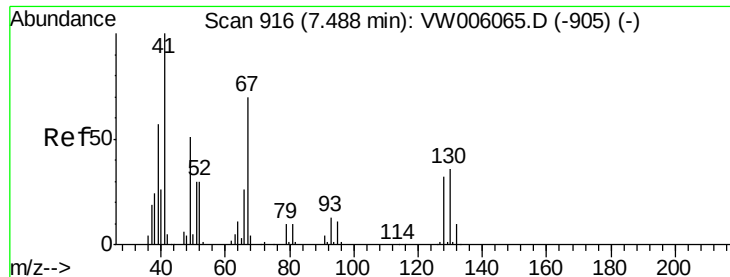
apatel  
10/30/2018 2:16:24 PM



#40  
Benzene  
Concen: 24.710 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion   | 78   | Resp  | 177236 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 22.9 | 19.4  | 29.0   |





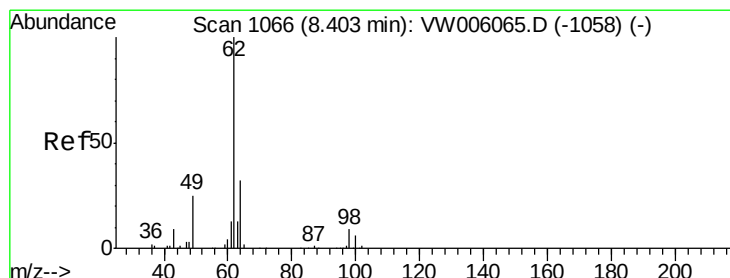
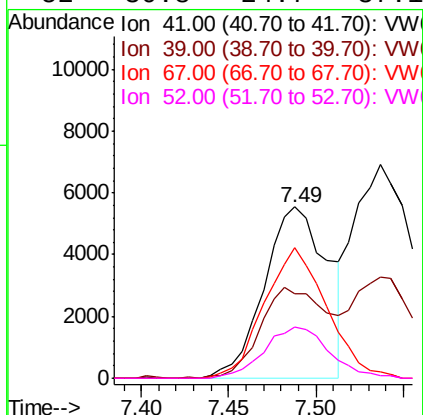
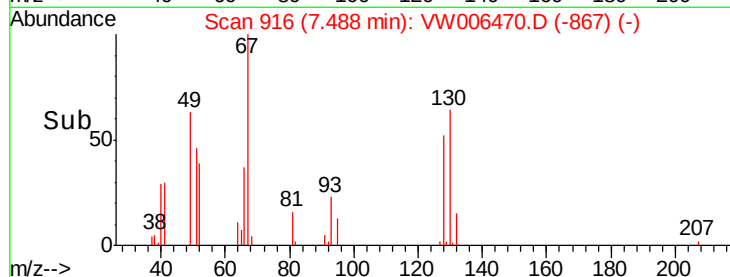
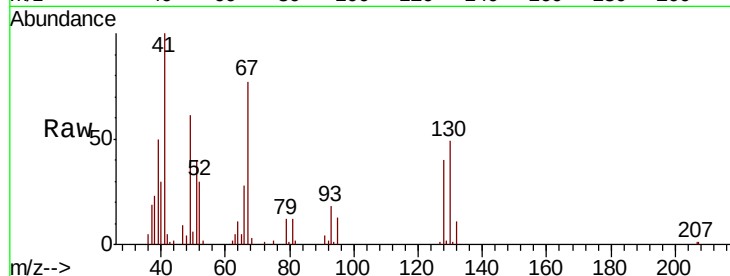
#41  
Methacrylonitrile  
Concen: 23.886 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | 41    | Resp  | 13989 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 56.4  | 46.2  | 69.4  |
| 67      | 75.1  | 57.7  | 86.5  |
| 52      | 30.8  | 24.7  | 37.1  |

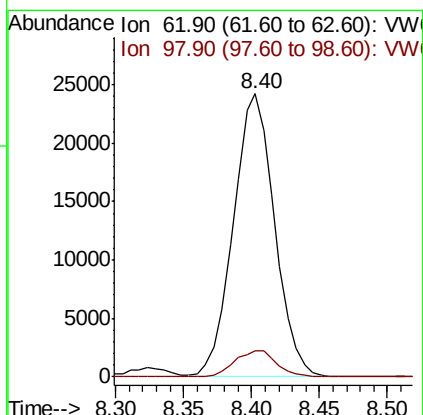
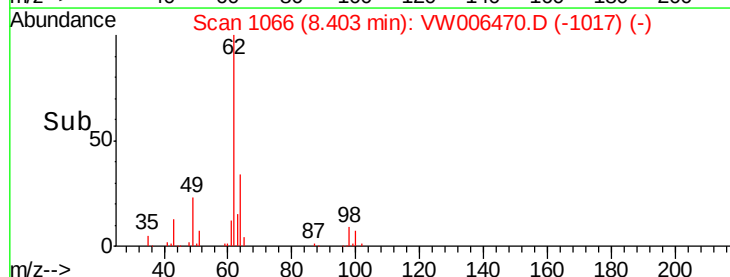
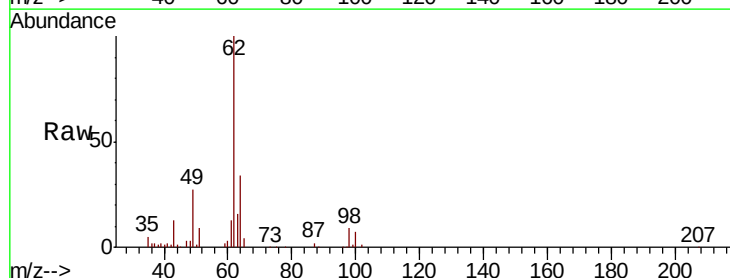
Manual Integrations  
APPROVED

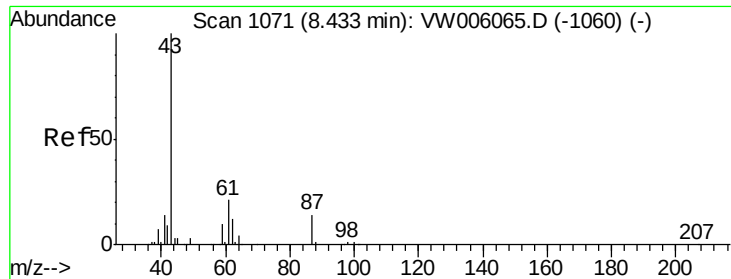
apatel  
10/30/2018 2:16:24 PM



#42  
1,2-Dichloroethane  
Concen: 24.254 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | 62    | Resp  | 51110 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.4   | 0.0   | 18.4  |





#43

Isopropyl Acetate

Concen: 22.403 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

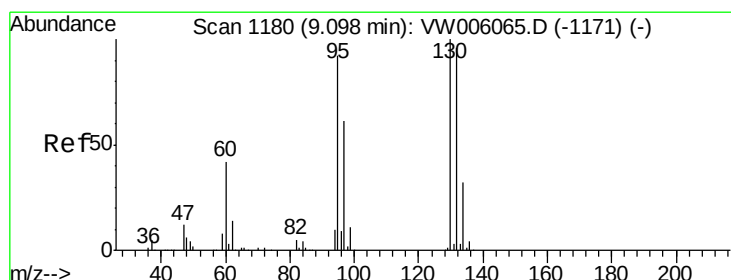
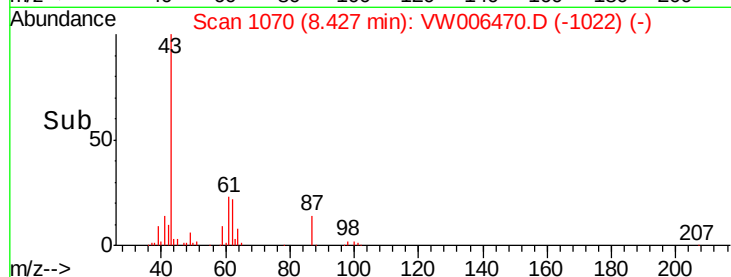
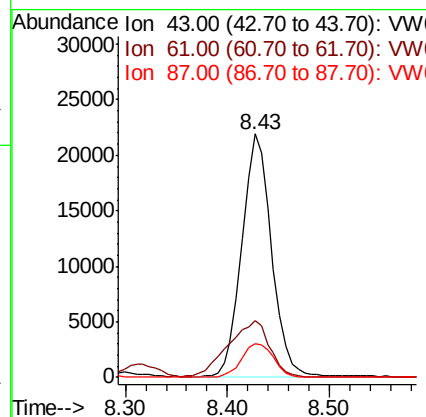
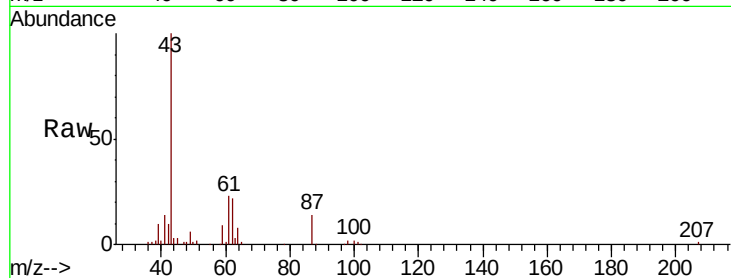
ClientSampleId :

VW1031SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 44501 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 32.7  | 25.5  | 38.3  |
| 87       | 14.8  | 11.7  | 17.5  |

Manual Integrations  
APPROVED

apatel  
10/30/2018 2:16:24 PM



#44

Trichloroethene

Concen: 24.558 ug/l

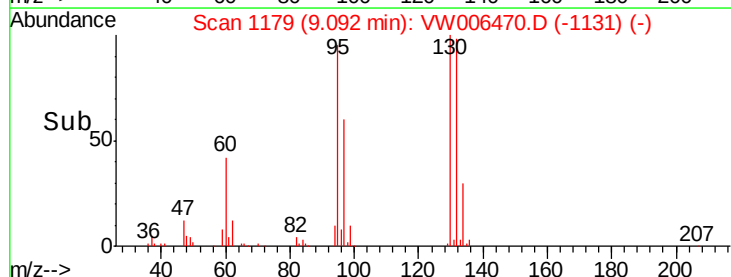
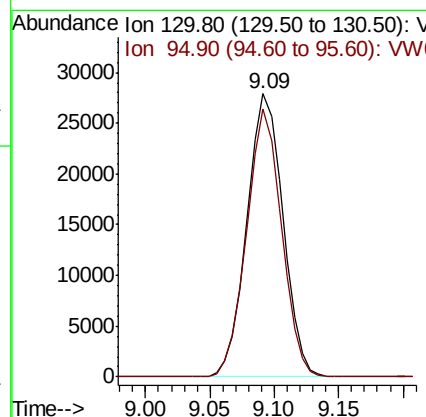
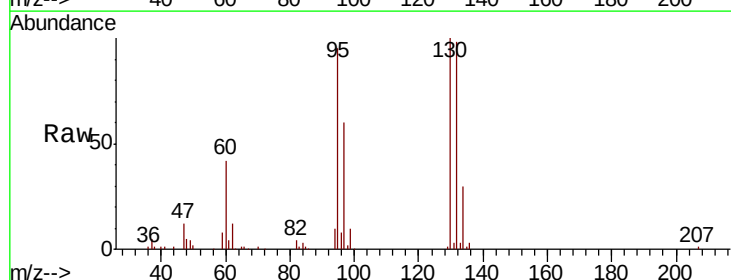
RT: 9.09 min Scan# 1179

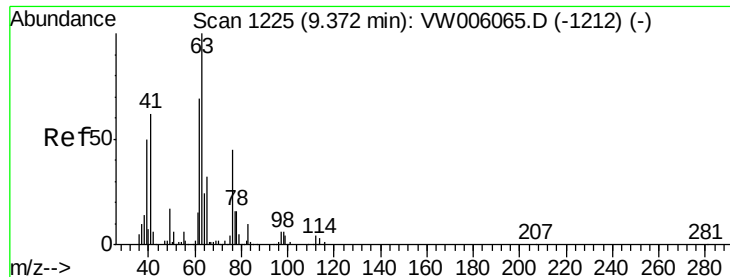
Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 54041 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.7  | 0.0   | 183.2 |





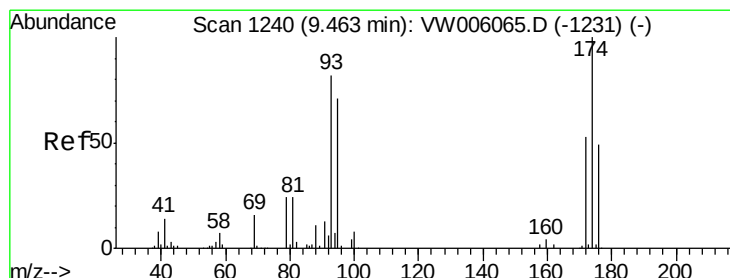
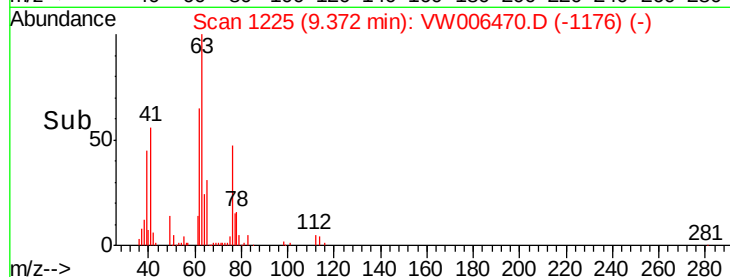
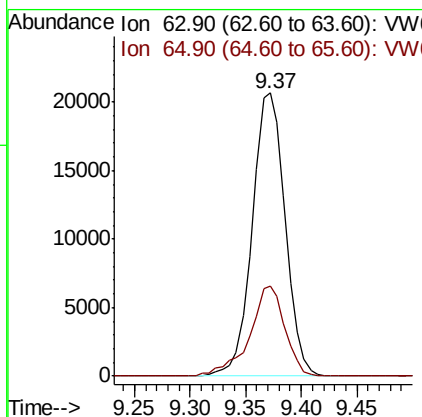
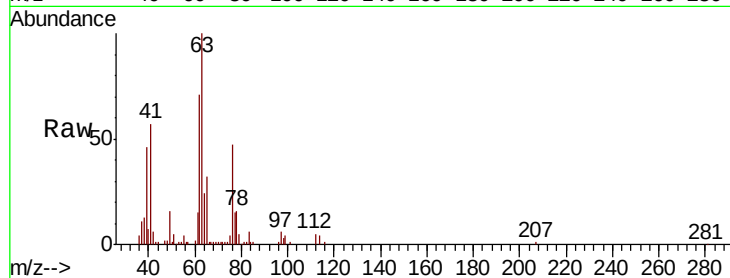
#45  
 1,2-Dichloropropane  
 Concen: 24.768 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.7  | 25.4  | 38.0  |

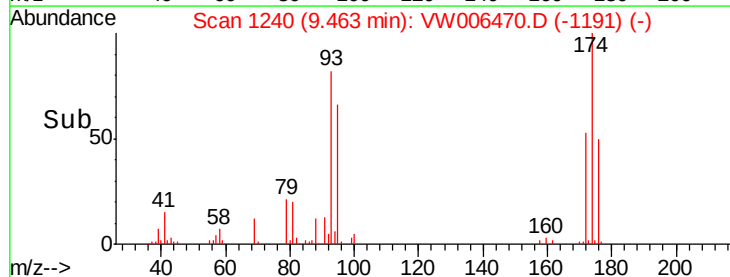
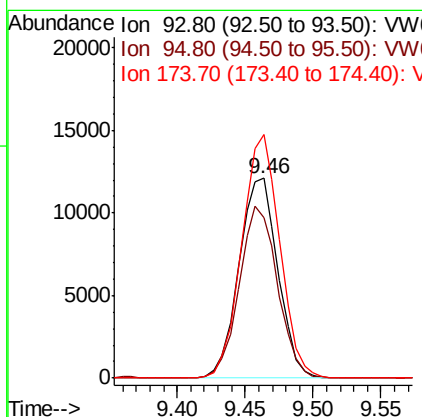
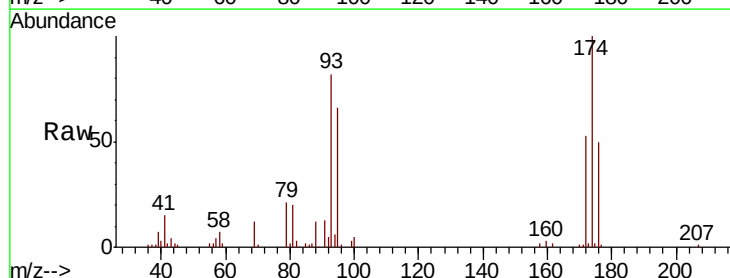
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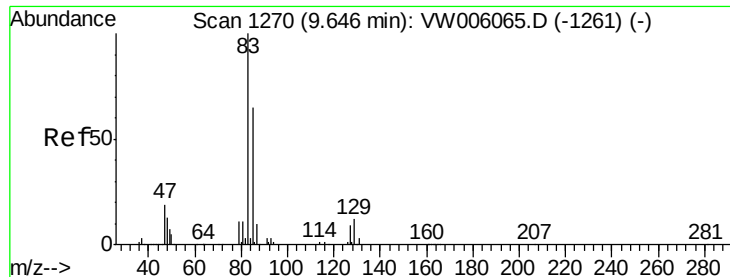
apatel  
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#46  
 Dibromomethane  
 Concen: 24.737 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.5  | 67.7  | 101.5 |
| 174     | 119.1 | 93.7  | 140.5 |





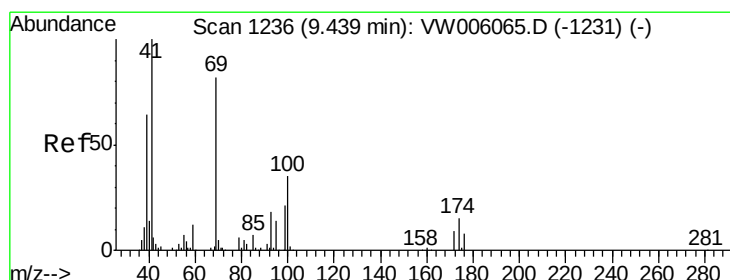
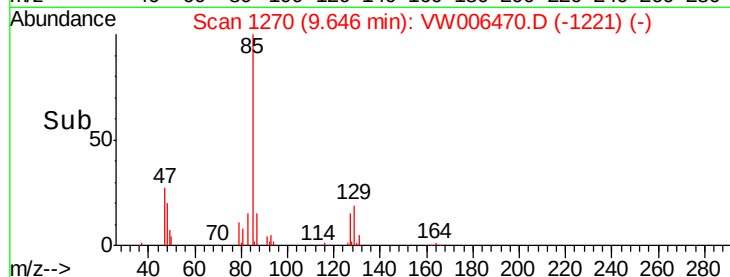
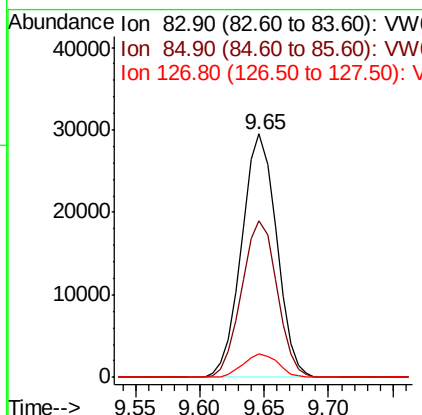
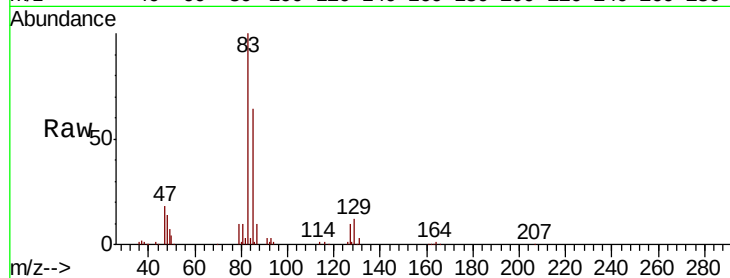
#47  
Bromodichloromethane  
Concen: 23.352 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 51.8  | 77.8  |
| 127     | 9.8   | 6.9   | 10.3  |

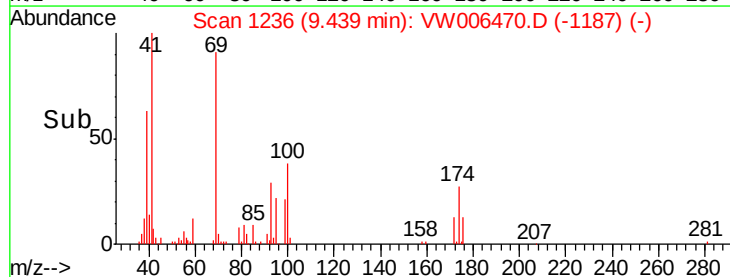
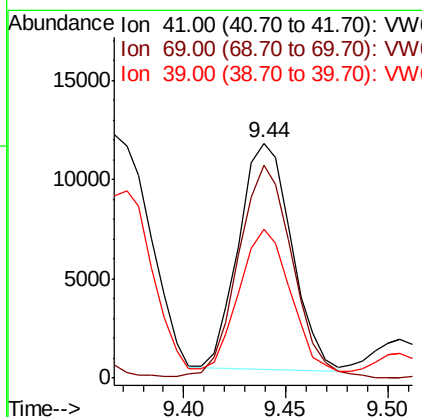
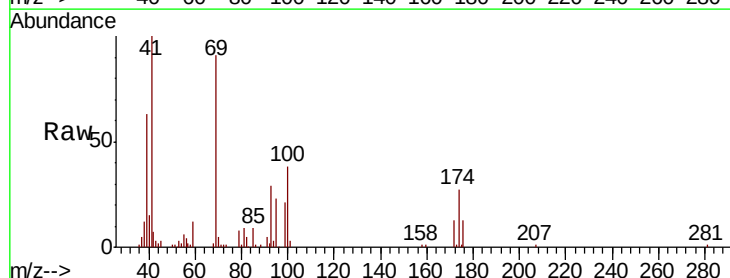
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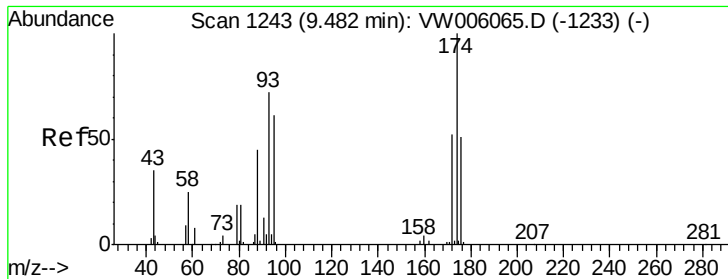
apatel  
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#48  
Methyl methacrylate  
Concen: 21.706 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 97.1  | 71.8  | 107.8 |
| 39      | 61.1  | 52.5  | 78.7  |





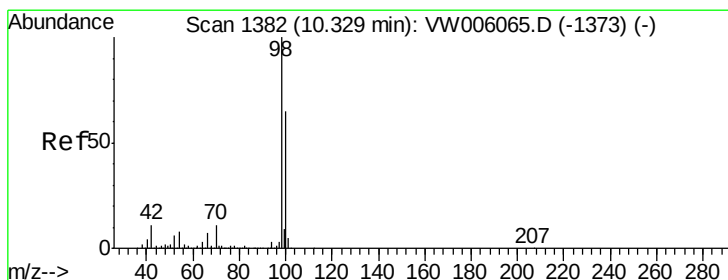
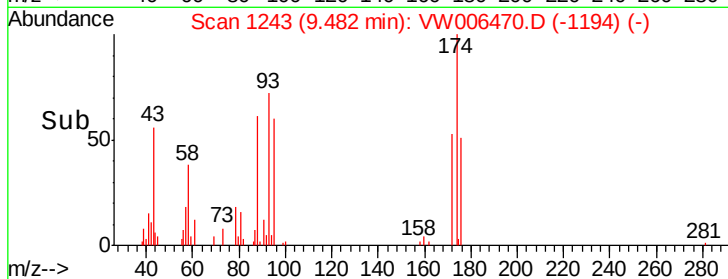
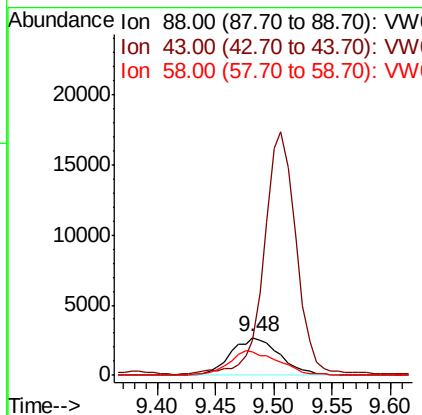
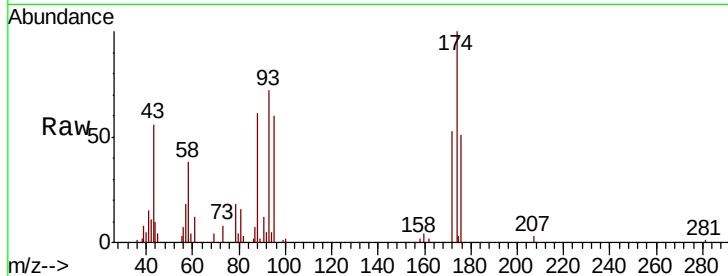
#49  
1,4-Dioxane  
Concen: 515.883 ug/l  
RT: 9.48 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 66.8  | 51.2  | 76.8  |

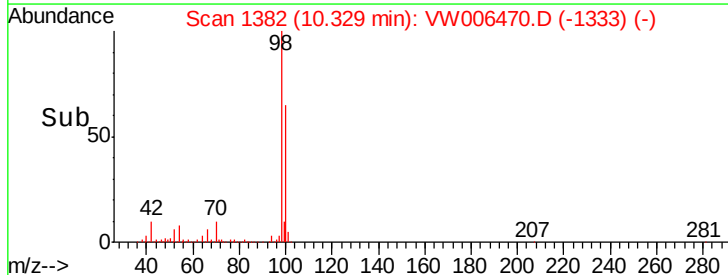
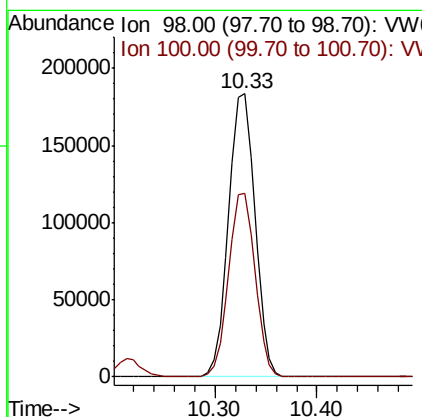
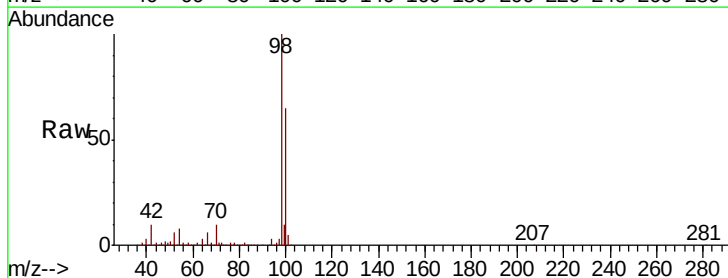
Manual Integrations  
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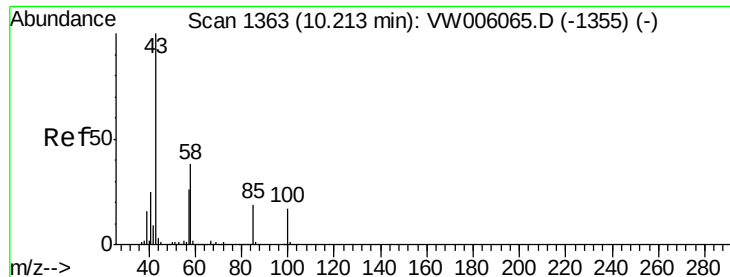
apatel  
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#50  
Toluene-d8  
Concen: 51.792 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.7  | 51.6  | 77.4  |





#51

4-Methyl-2-Pentanone

Concen: 115.899 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 43 Resp: 115348

Ion Ratio Lower Upper

43 100

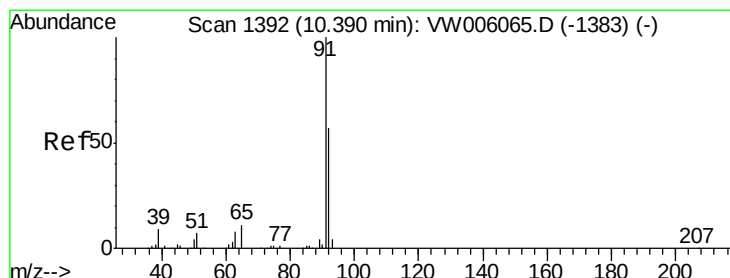
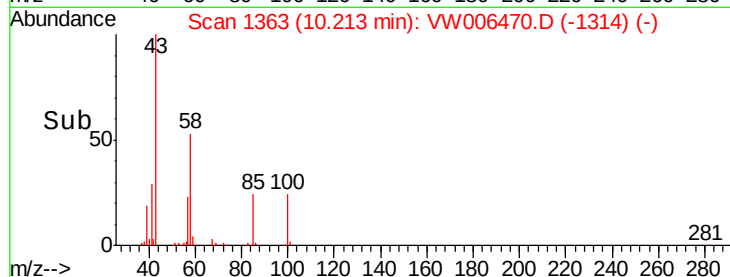
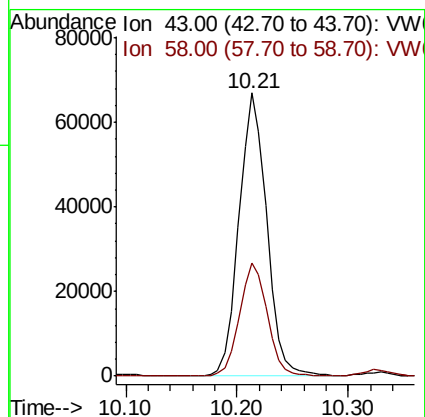
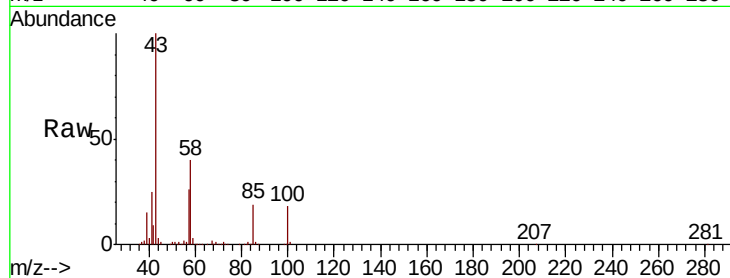
58 39.9 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 25.197 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006470.D

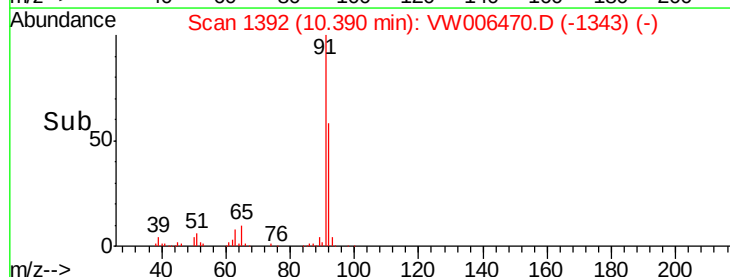
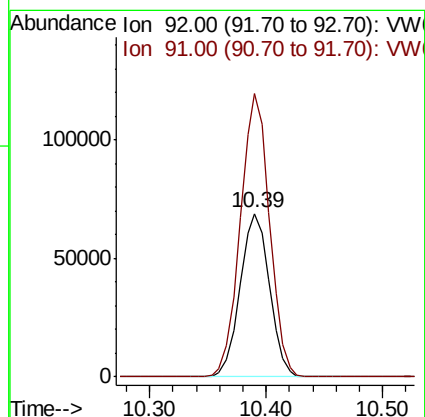
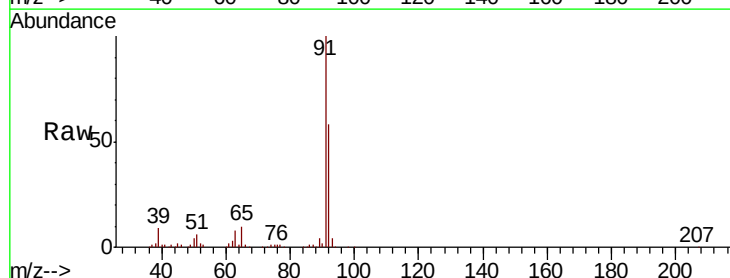
Acq: 30 Oct 2018 00:09

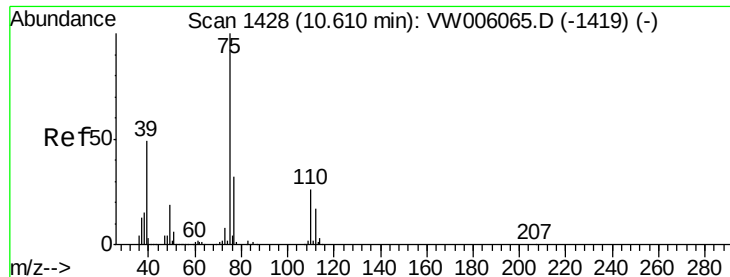
Tgt Ion: 92 Resp: 121164

Ion Ratio Lower Upper

92 100

91 172.2 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 22.785 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 75 Resp: 53840

Ion Ratio Lower Upper

75 100

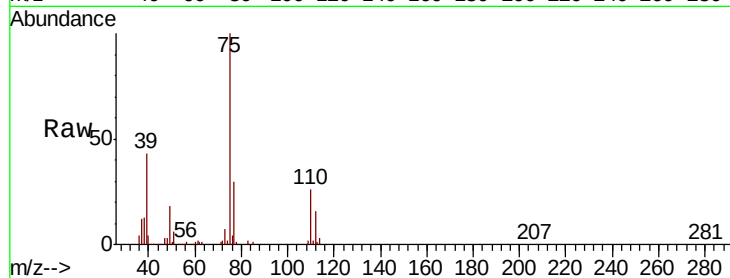
77 29.4 25.4 38.2

Manual Integrations

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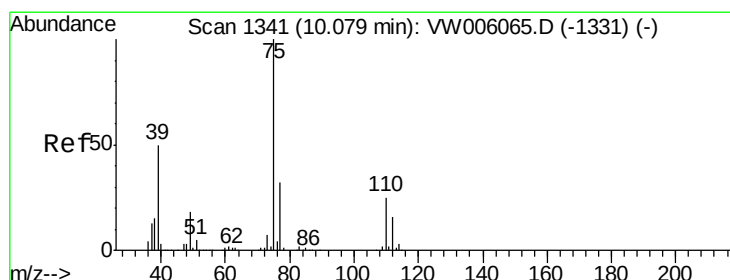
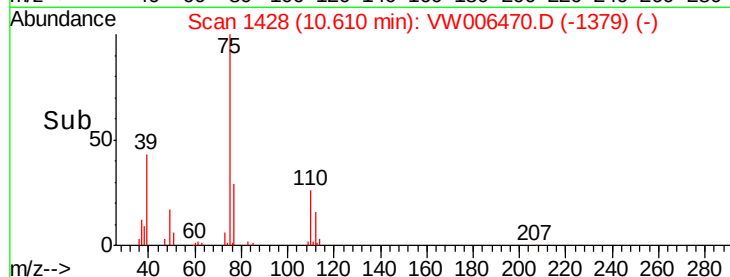
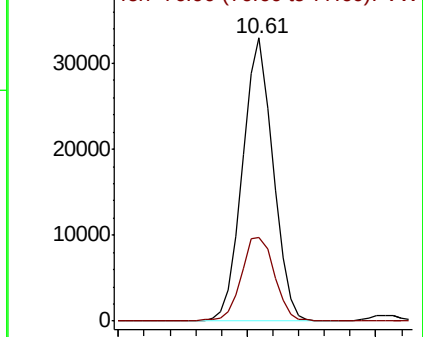
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 23.578 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

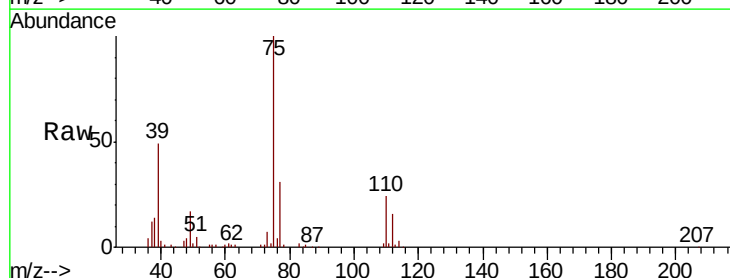
Tgt Ion: 75 Resp: 63943

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

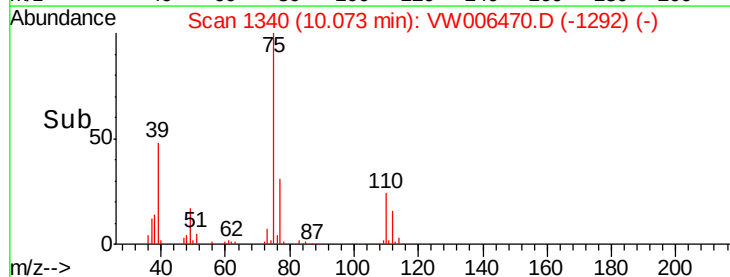
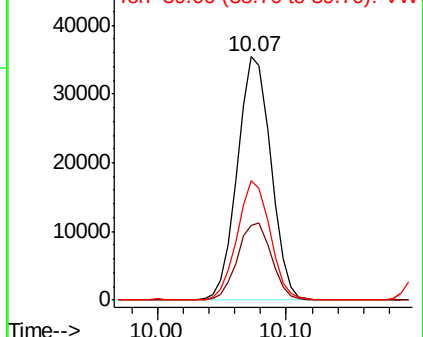
39 48.7 39.9 59.9



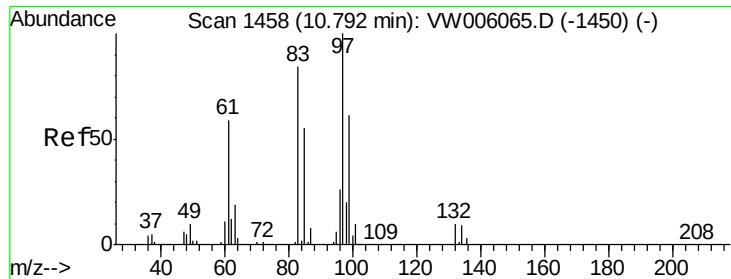
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW







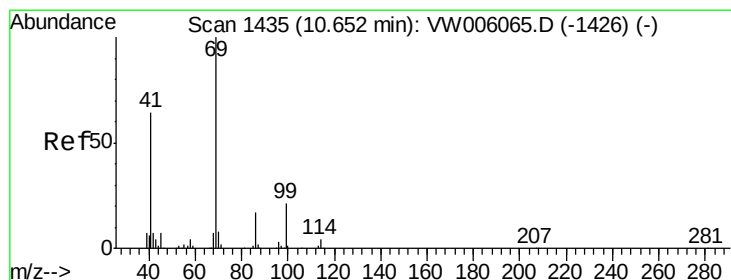
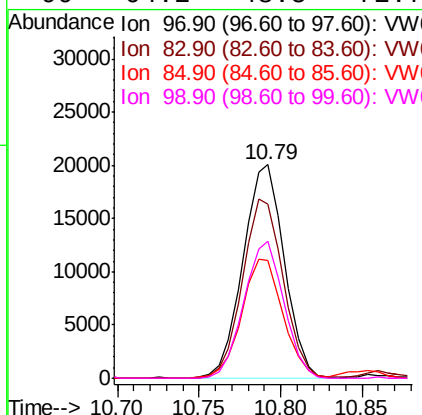
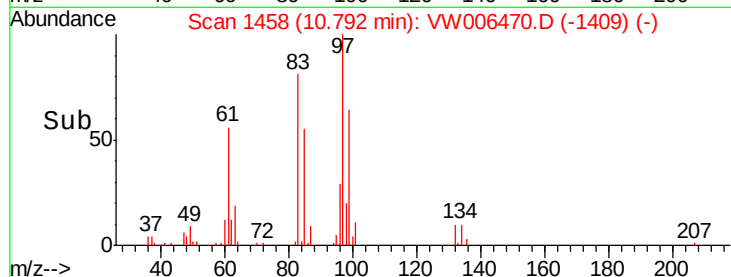
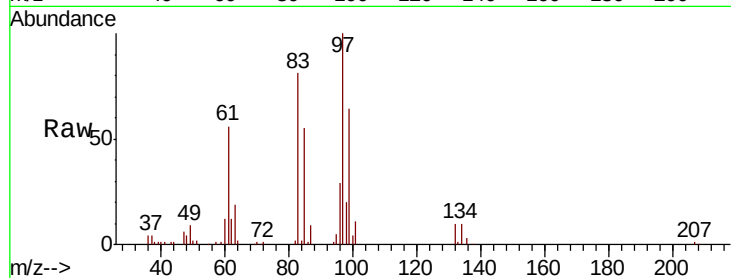
#55  
 1,1,2-Trichloroethane  
 Concen: 25.767 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 35273 |       |       |
| 83      | 81.4 | 67.2  | 100.8 |       |       |
| 85      | 55.1 | 43.7  | 65.5  |       |       |
| 99      | 64.2 | 48.5  | 72.7  |       |       |

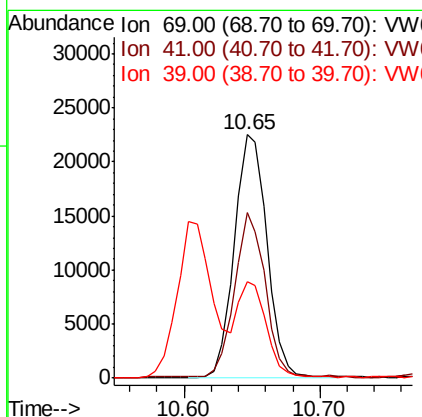
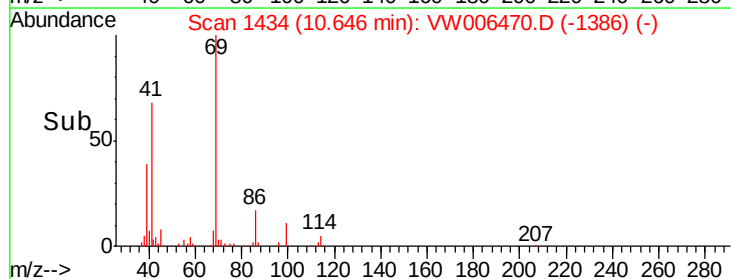
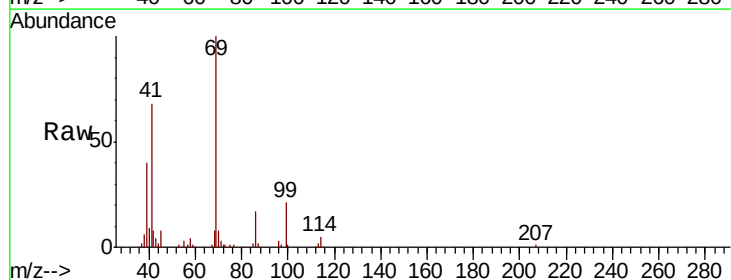
Manual Integrations  
 APPROVED

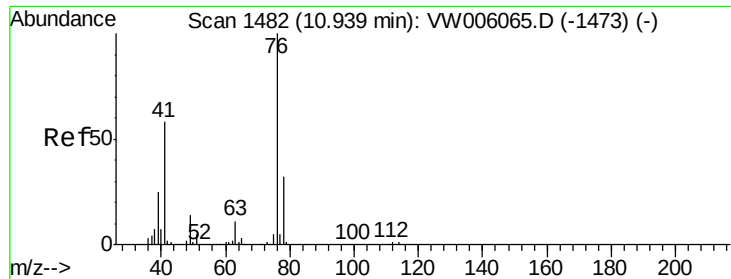
apatel  
 10/30/2018 2:16:24 PM



#56  
 Ethyl methacrylate  
 Concen: 22.500 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 37759 |       |       |
| 41      | 63.8 | 52.8  | 79.2  |       |       |
| 39      | 34.2 | 30.6  | 45.8  |       |       |





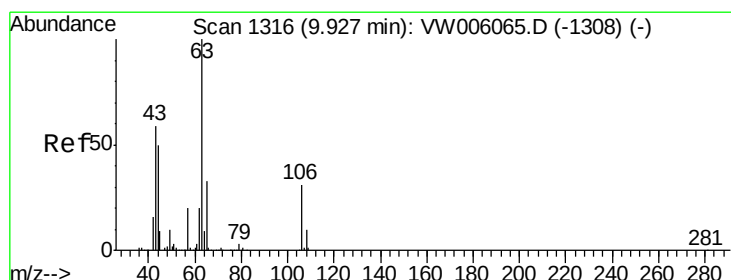
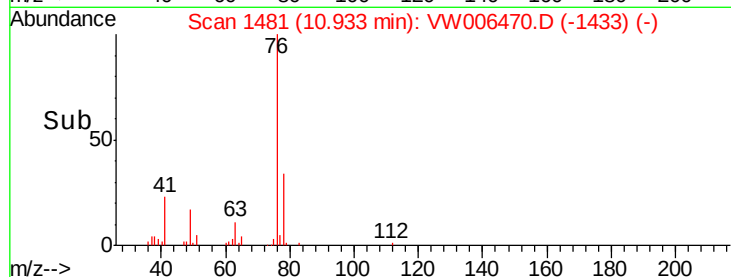
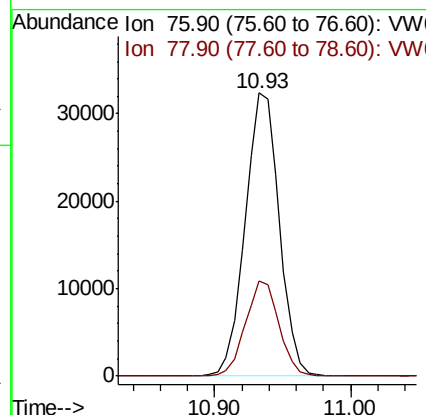
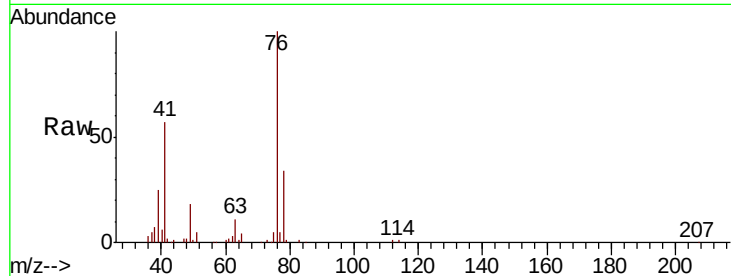
#57  
 1,3-Dichloropropane  
 Concen: 24.978 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.01 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.1  | 25.9  | 38.9  |

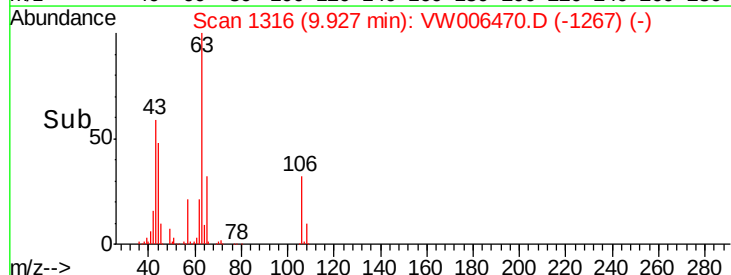
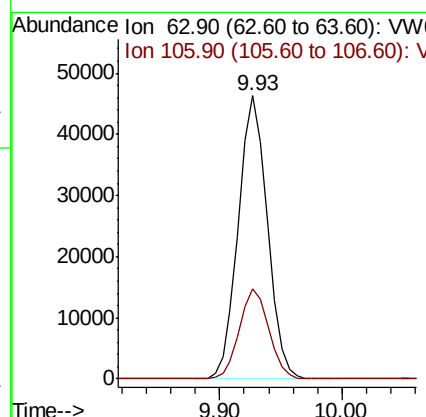
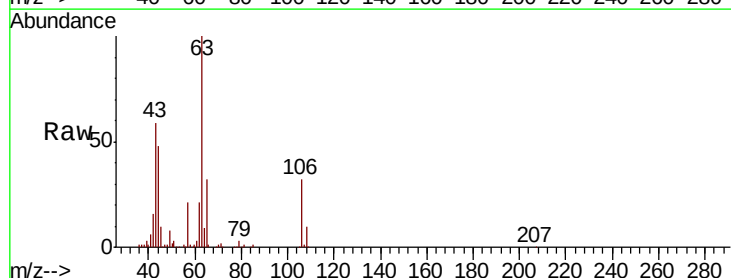
Manual Integrations  
 APPROVED

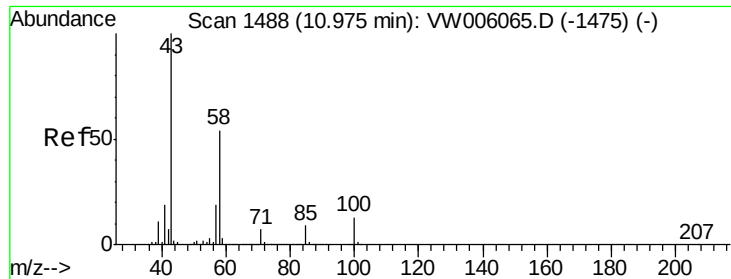
apatel  
 10/30/2018 2:16:24 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 118.721 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 32.1  | 24.5  | 36.7  |





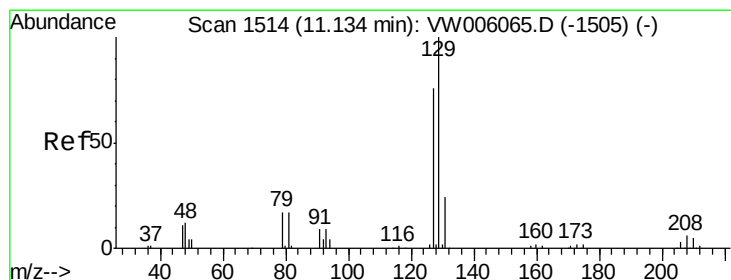
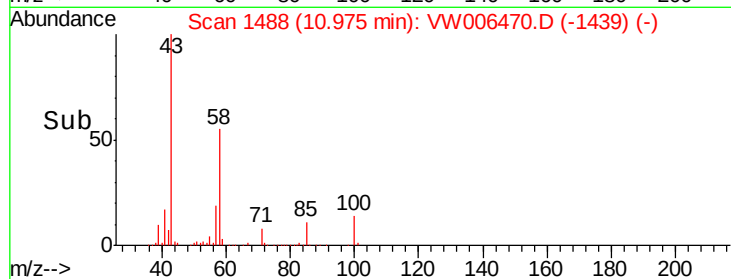
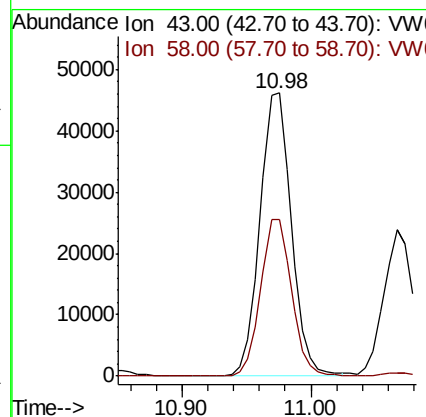
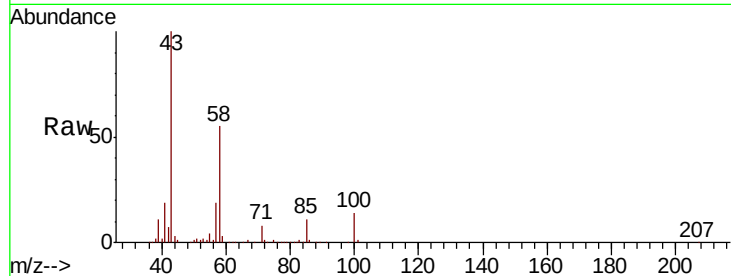
#59  
2-Hexanone  
Concen: 109.518 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

Tot Ion: 43 Resp: 77806  
Ion Ratio Lower Upper  
43 100  
58 54.6 26.9 80.6

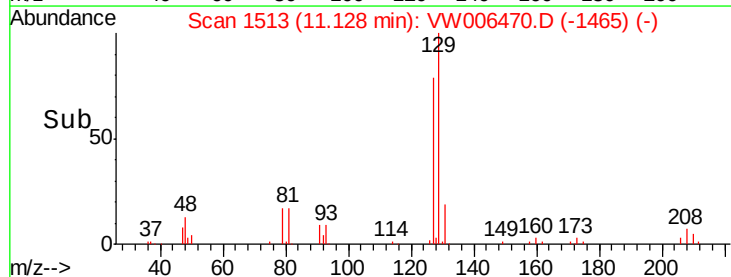
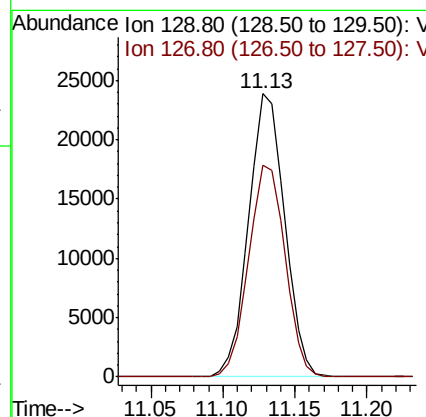
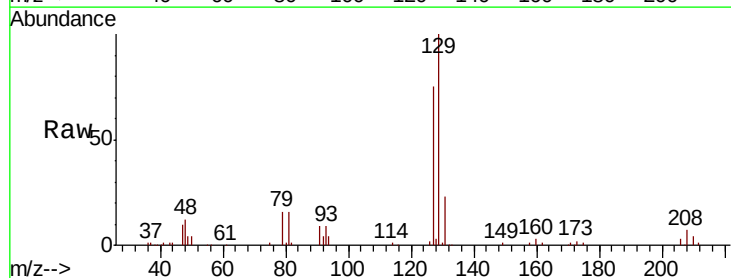
Manual Integrations  
APPROVED

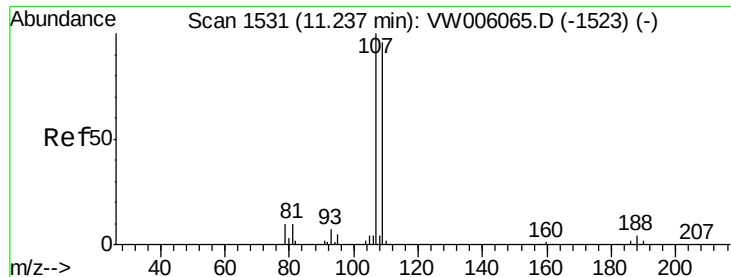
apatel  
10/30/2018 2:16:24 PM



#60  
Dibromochloromethane  
Concen: 24.322 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Tgt Ion: 129 Resp: 41472  
Ion Ratio Lower Upper  
129 100  
127 75.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 25.752 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion: 107 Resp: 35224

Ion Ratio Lower Upper

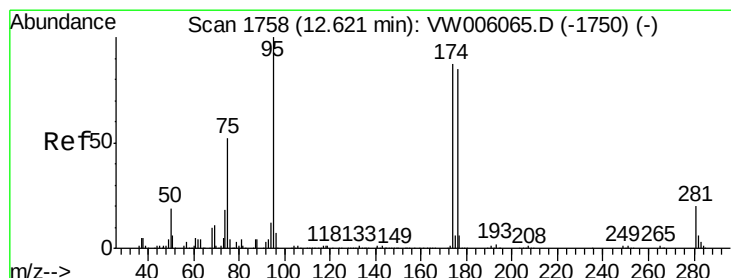
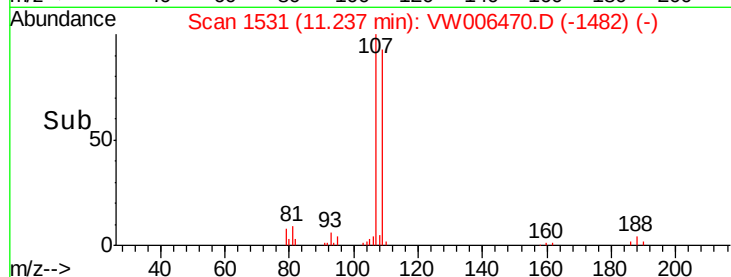
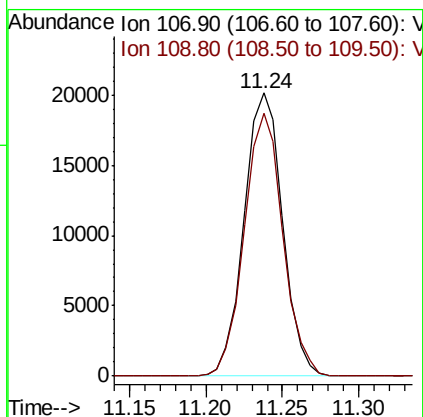
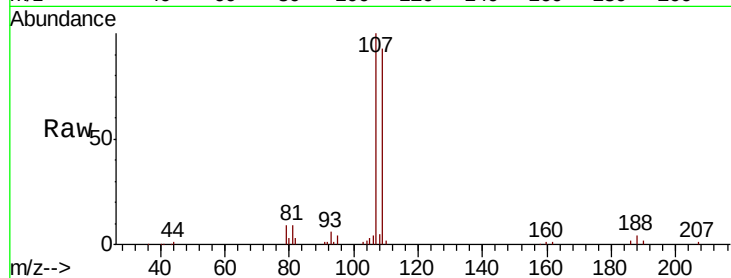
107 100

109 93.3 76.3 114.5

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 51.489 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

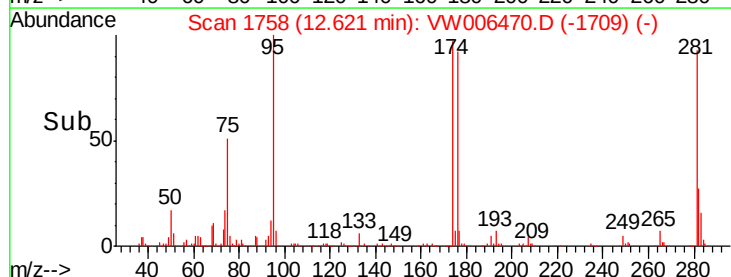
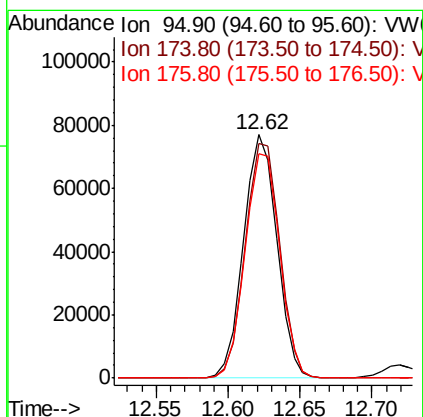
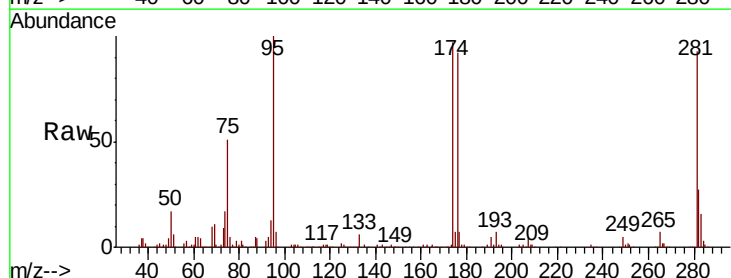
Tgt Ion: 95 Resp: 123331

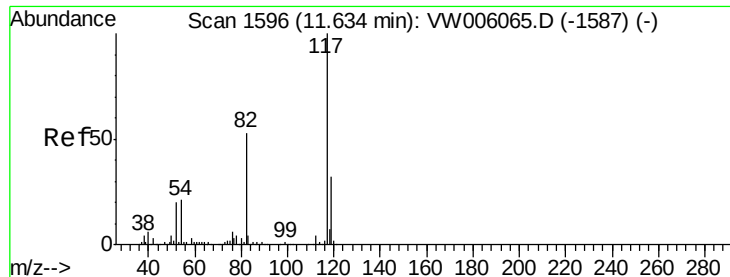
Ion Ratio Lower Upper

95 100

174 99.5 0.0 186.0

176 95.9 0.0 181.6





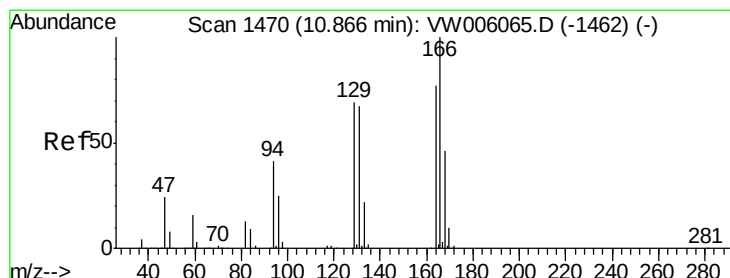
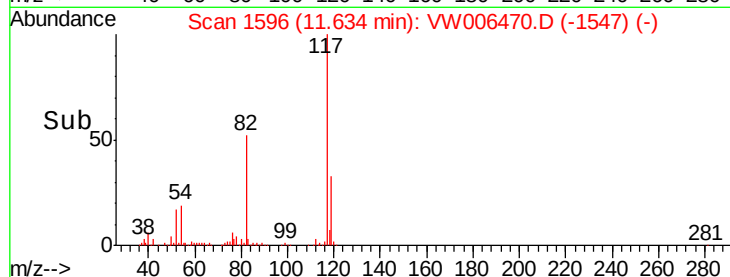
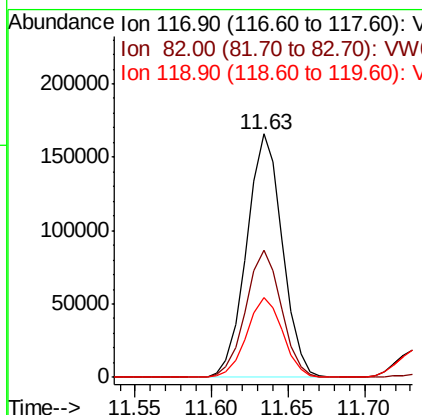
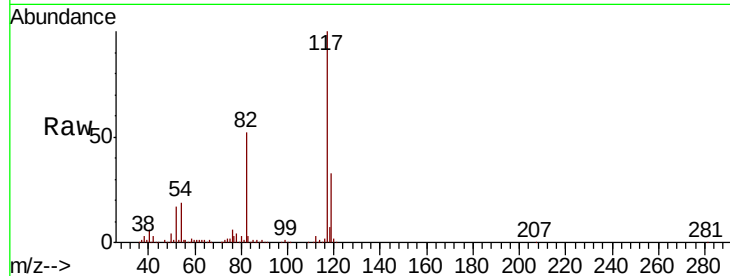
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.3  | 42.1  | 63.1  |
| 119     | 32.8  | 25.8  | 38.6  |

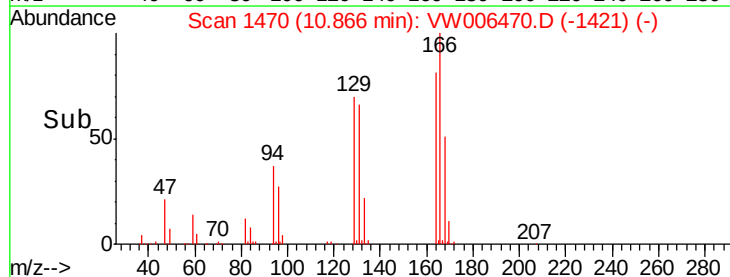
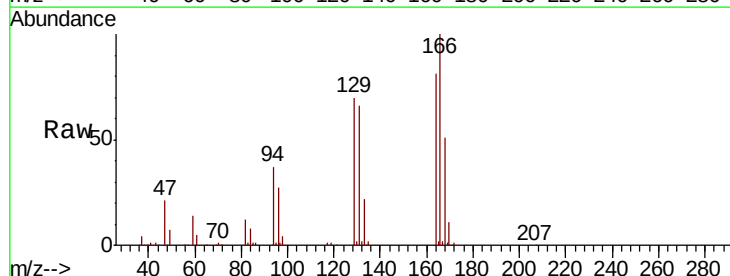
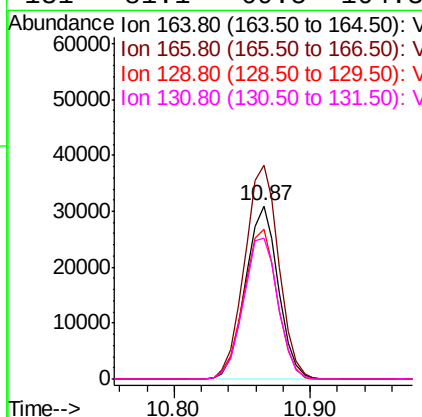
Manual Integrations  
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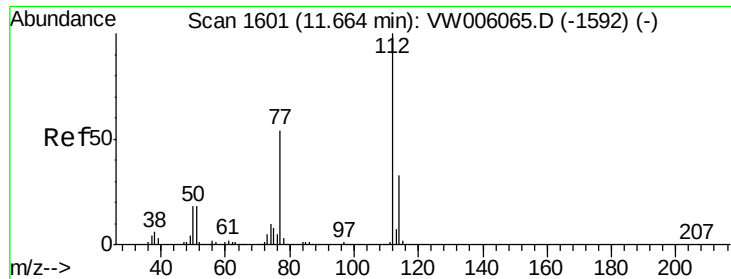
apatel  
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#64  
Tetrachloroethene  
Concen: 24.964 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.4 | 103.4 | 155.0 |
| 129     | 86.9  | 71.8  | 107.8 |
| 131     | 81.1  | 69.5  | 104.3 |





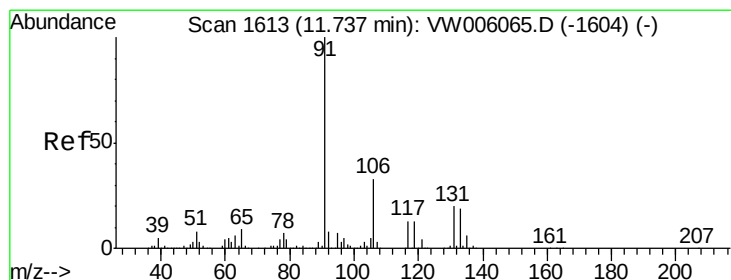
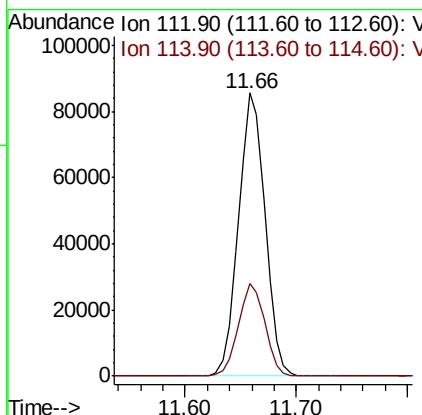
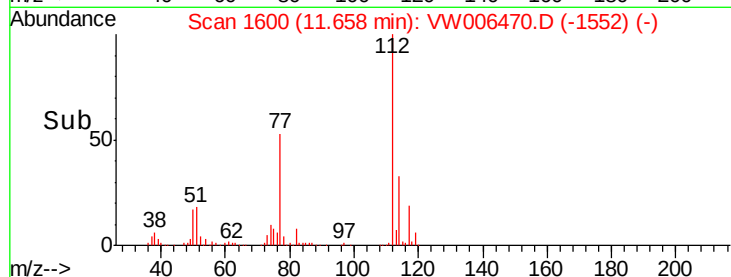
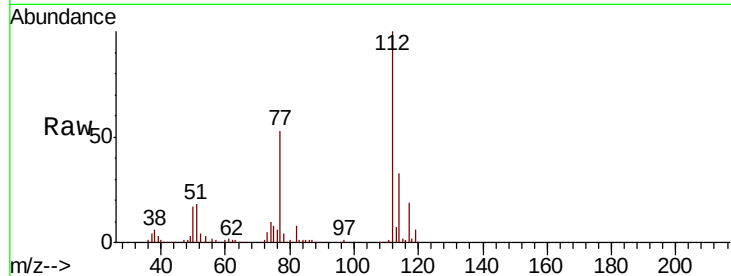
#65  
Chlorobenzene  
Concen: 24.510 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.5  | 26.2  | 39.2  |

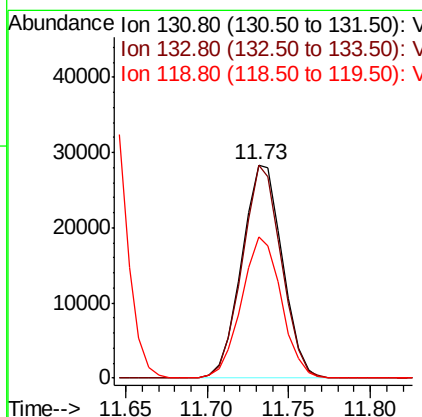
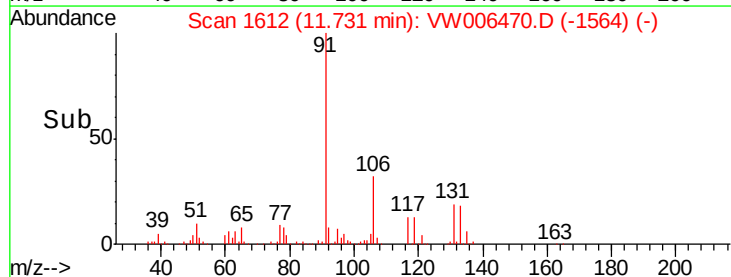
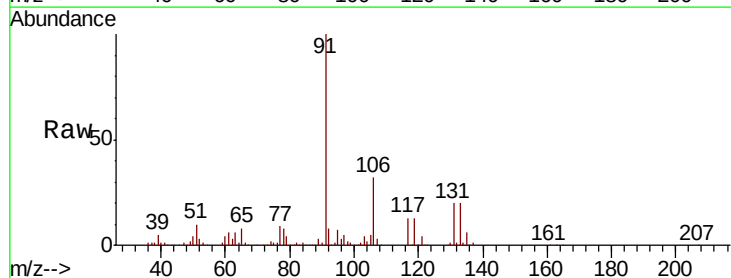
Manual Integrations  
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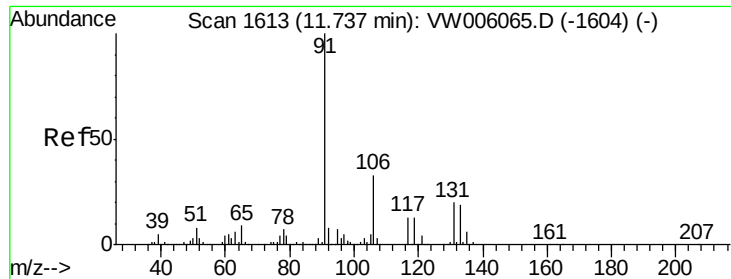
apatel  
10/30/2018 2:16:24 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.931 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.6  | 48.1  | 144.3 |
| 119     | 64.8  | 31.6  | 94.7  |





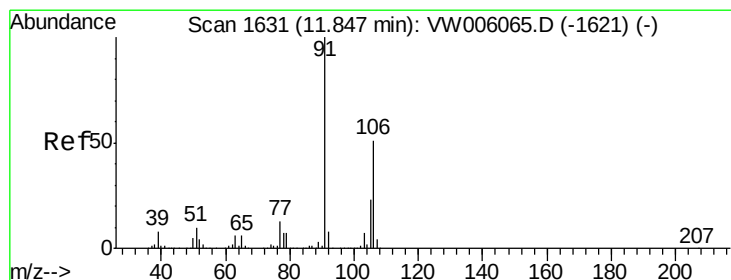
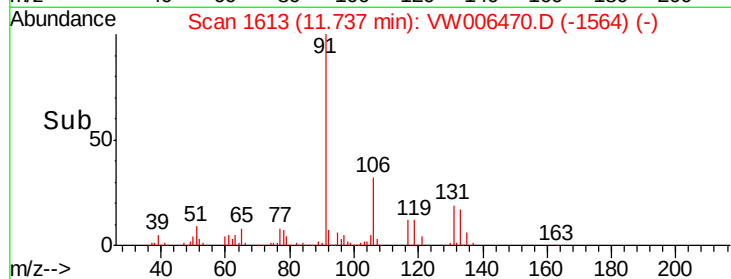
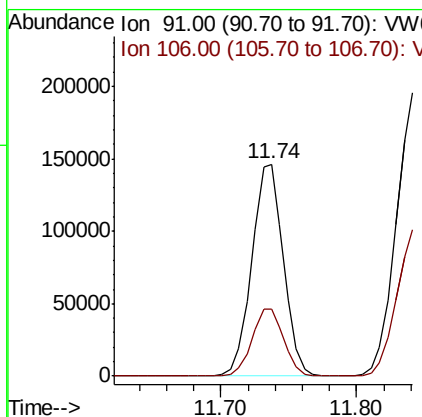
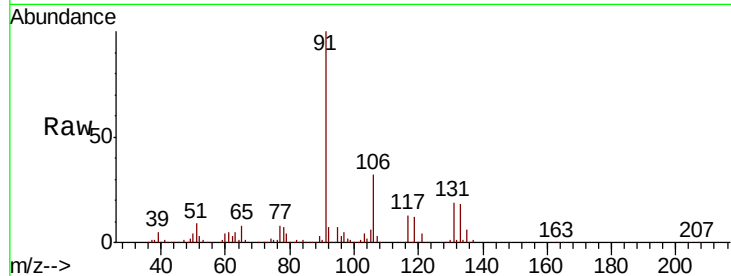
#67  
Ethyl Benzene  
Concen: 23.824 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

Tot Ion: 91 Resp: 238362  
Ion Ratio Lower Upper  
91 100  
106 31.5 26.1 39.1

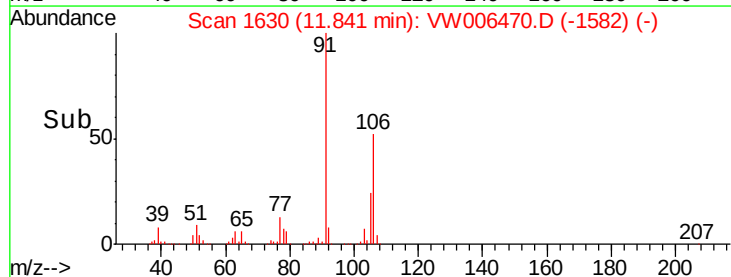
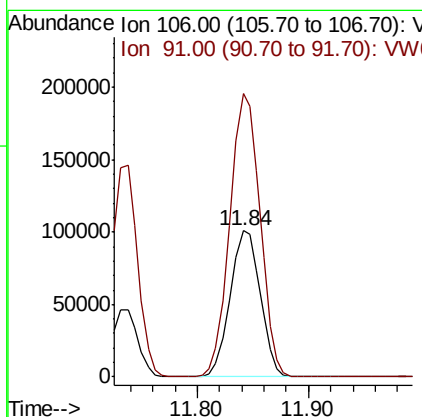
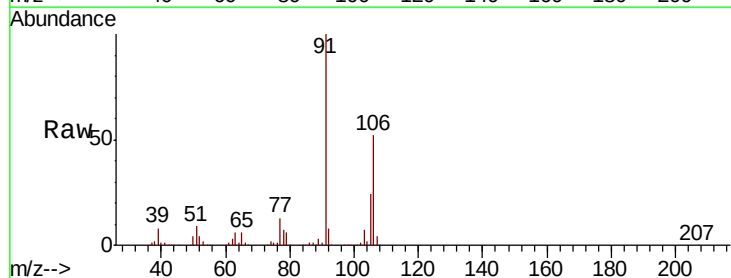
Manual Integrations  
APPROVED

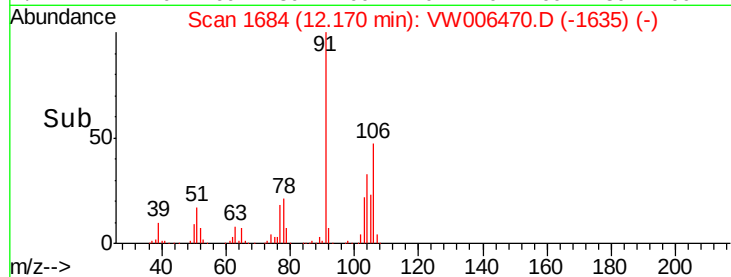
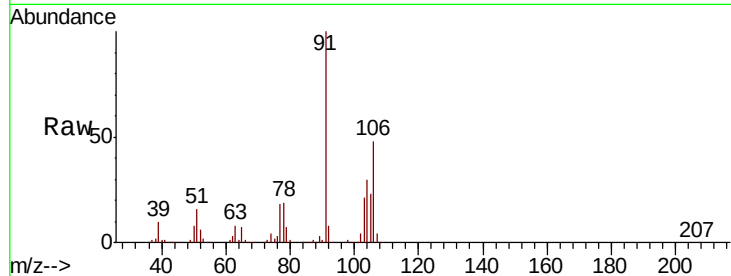
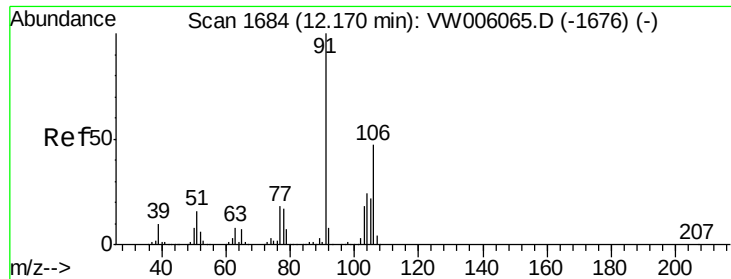
apatel  
10/30/2018 2:16:24 PM



#68  
m/p-Xylenes  
Concen: 47.889 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Tgt Ion: 106 Resp: 189381  
Ion Ratio Lower Upper  
106 100  
91 193.9 159.1 238.7





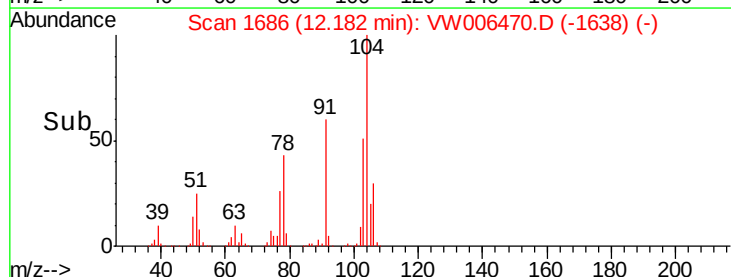
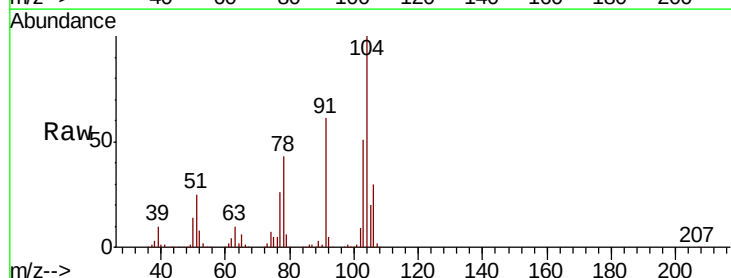
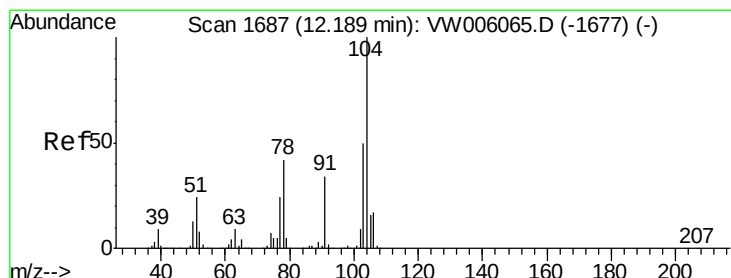
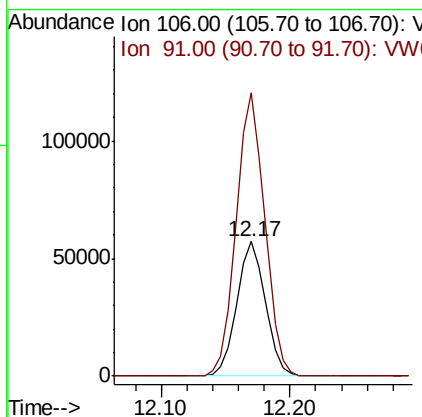
#69  
o-Xylene  
Concen: 23.349 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Tot Ion:106 Resp: 87998  
Ion Ratio Lower Upper  
106 100  
91 210.5 105.4 316.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

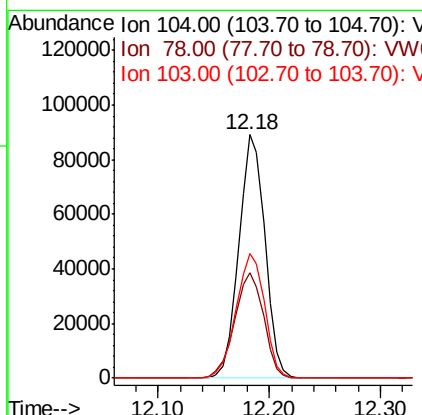
Manual Integrations  
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apatel  
10/30/2018 2:16:24 PM

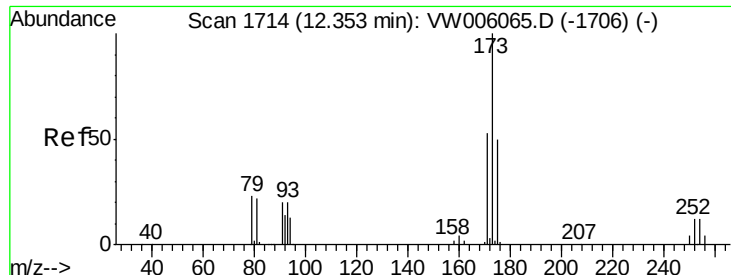


#70  
Styrene  
Concen: 23.572 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.01 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Tgt Ion:104 Resp: 144466  
Ion Ratio Lower Upper  
104 100  
78 48.0 39.1 58.7  
103 56.2 44.3 66.5







#71

Bromoform

Concen: 22.274 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion:173 Resp: 25490

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

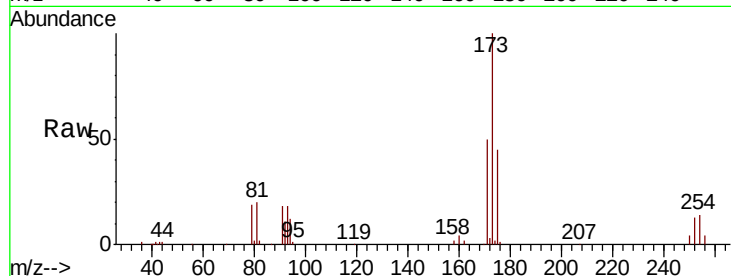
254 0.0 0.1 0.1#

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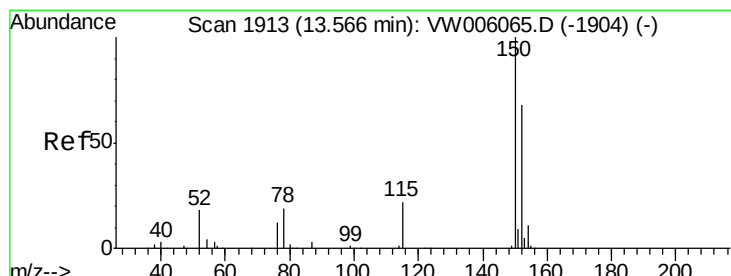
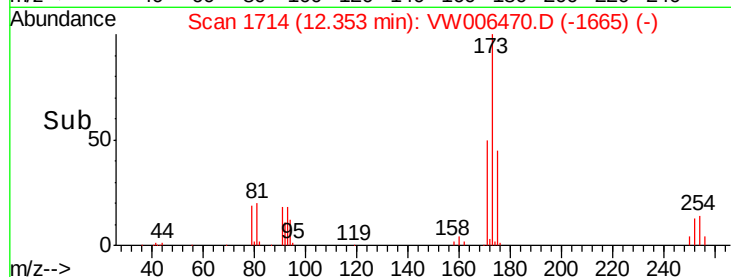
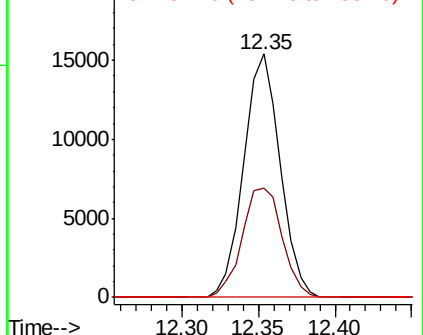


Abundance

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

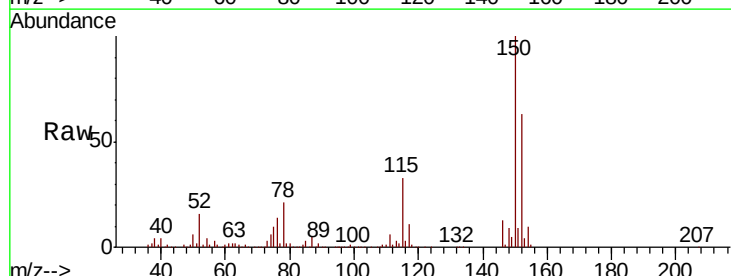
Tgt Ion:152 Resp: 153952

Ion Ratio Lower Upper

152 100

115 53.7 27.8 83.3

150 163.9 0.0 349.2

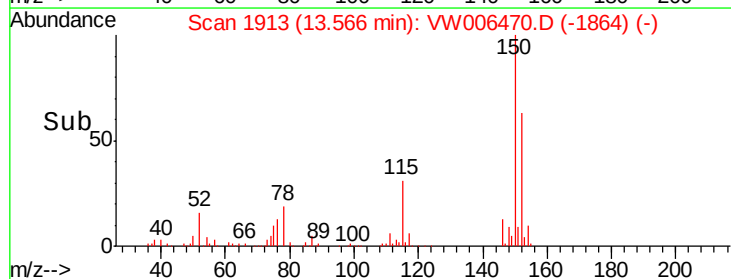
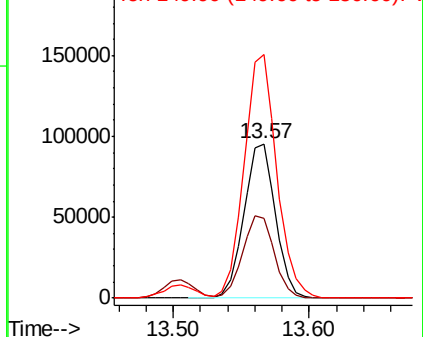


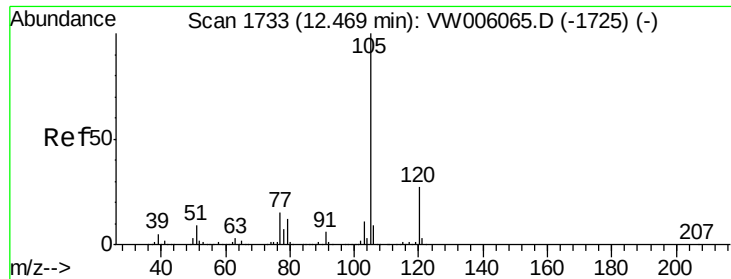
Abundance

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: 22.792 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion:105 Resp: 247894

Ion Ratio Lower Upper

105 100

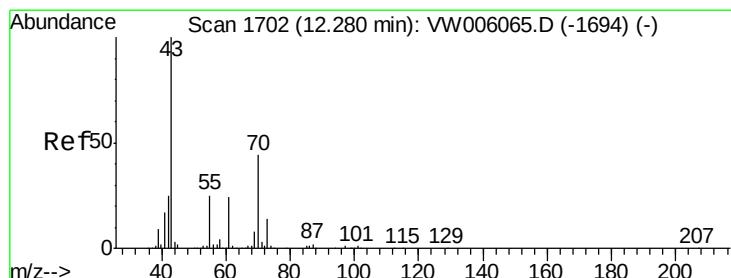
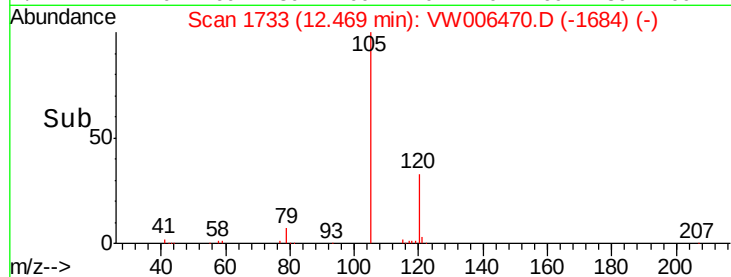
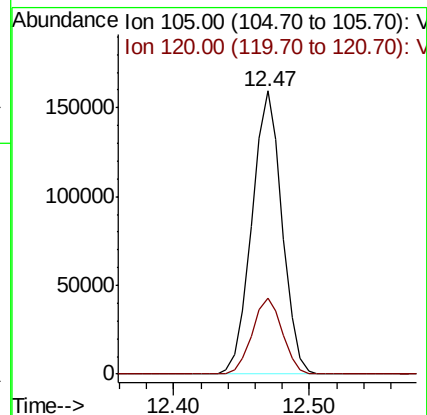
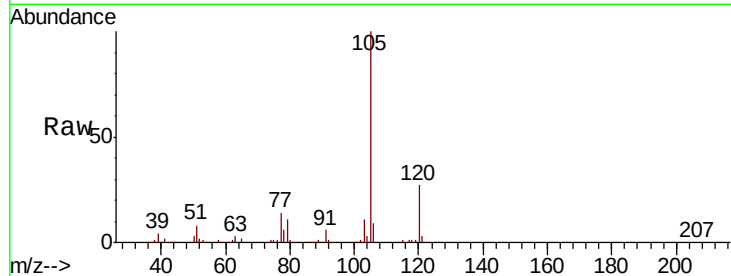
120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.803 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Tgt Ion: 43 Resp: 41834

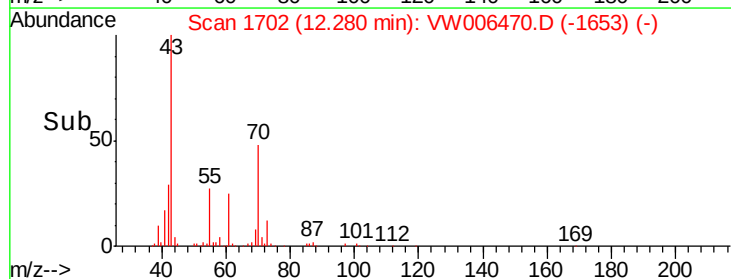
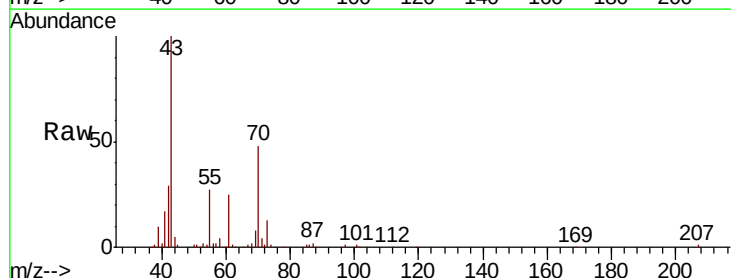
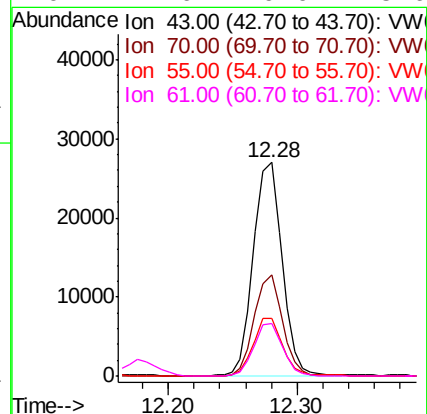
Ion Ratio Lower Upper

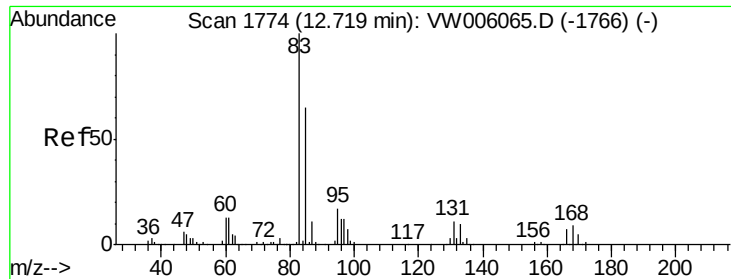
43 100

70 46.7 34.2 51.4

55 27.6 19.2 28.8

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 24.243 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

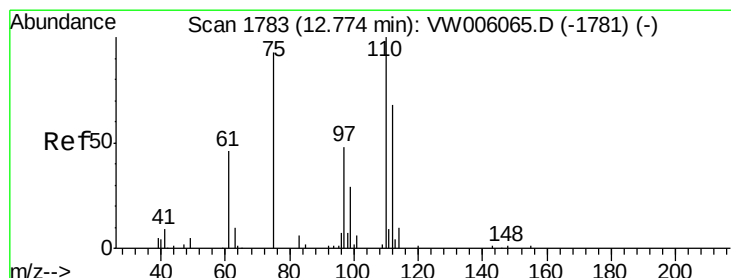
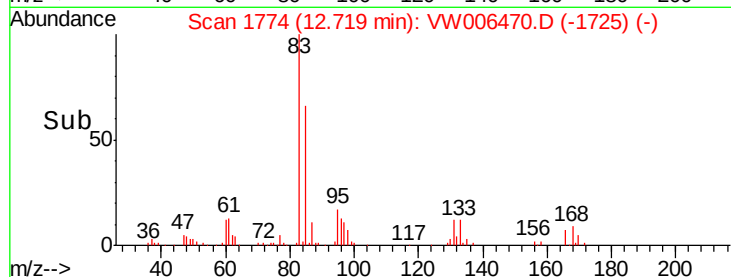
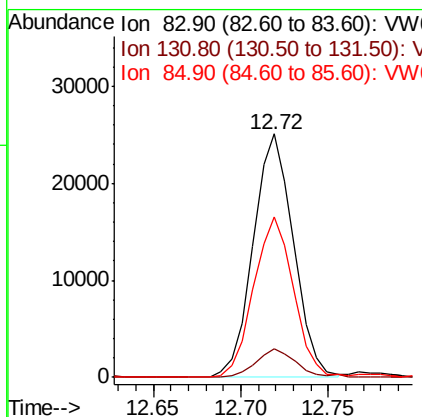
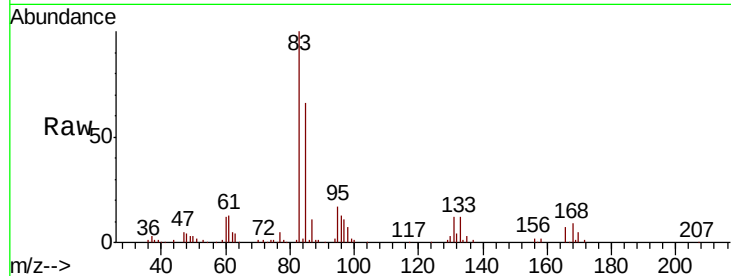
ClientSampleId :

VW1031SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 40104 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.5  | 5.9   | 17.7  |
| 85        | 65.2  | 31.9  | 95.9  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 20.650 ug/l m

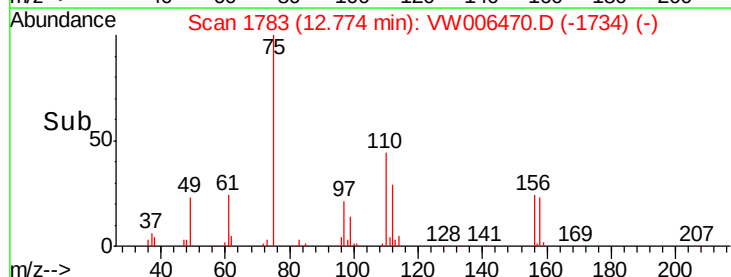
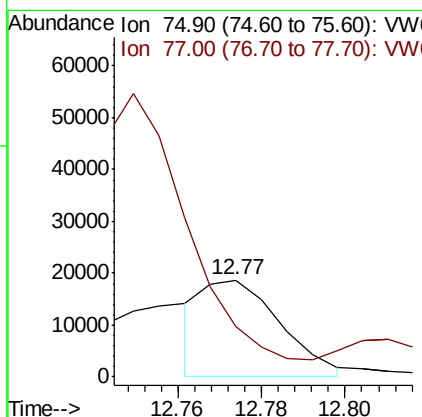
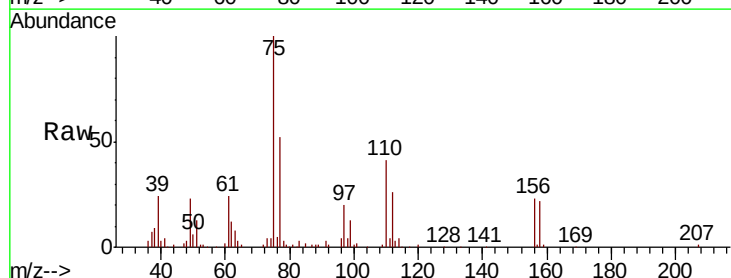
RT: 12.77 min Scan# 1783

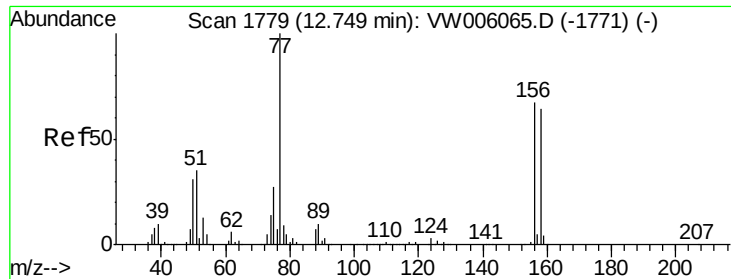
Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 24282 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 23.930 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBSD01

Tot Ion:156 Resp: 63748

Ion Ratio Lower Upper

156 100

77 153.7 79.1 237.4

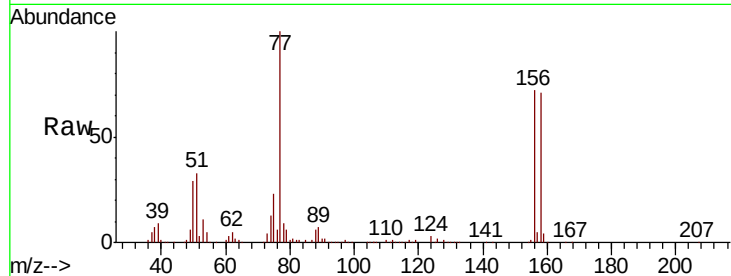
158 98.1 48.5 145.6

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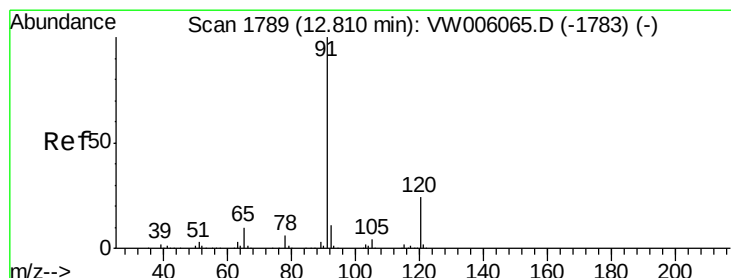
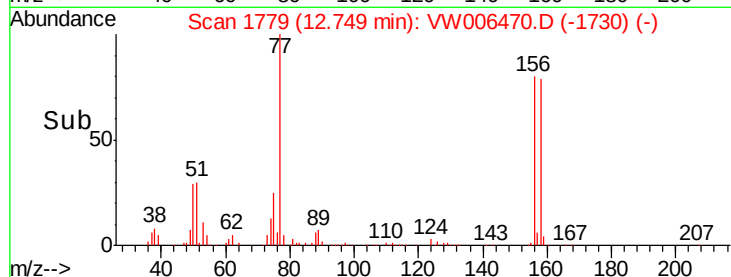
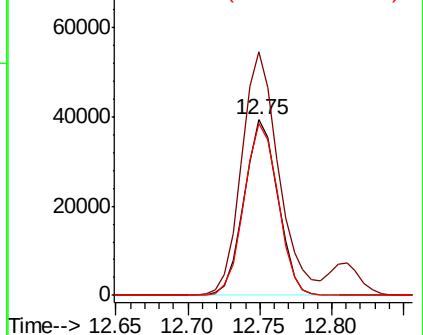
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.917 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006470.D

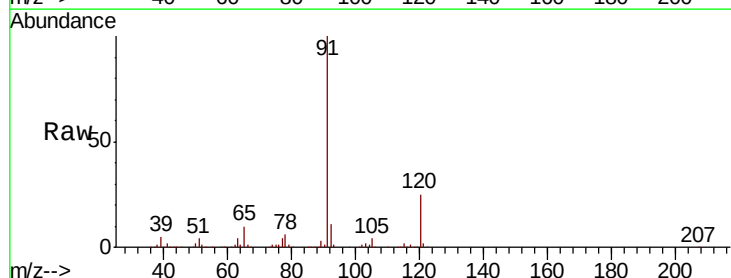
Acq: 30 Oct 2018 00:09

Tgt Ion: 91 Resp: 289987

Ion Ratio Lower Upper

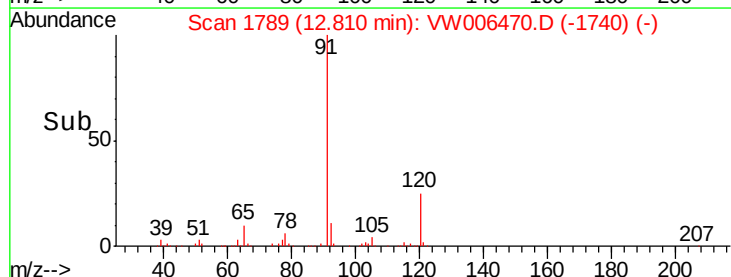
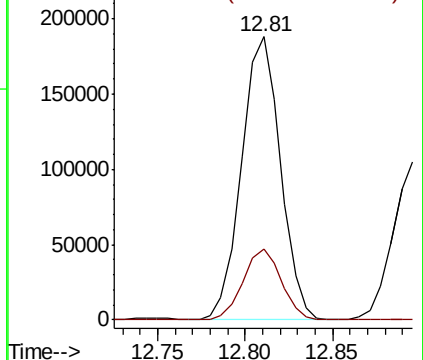
91 100

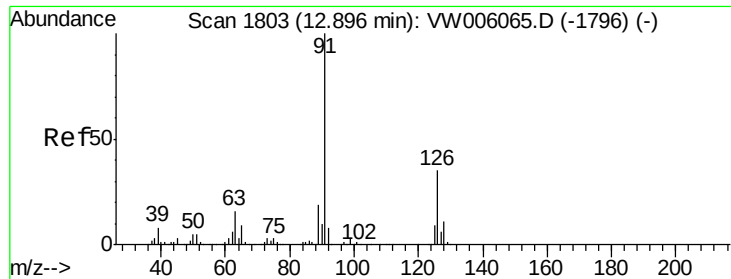
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.287 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion: 91 Resp: 165560

Ion Ratio Lower Upper

91 100

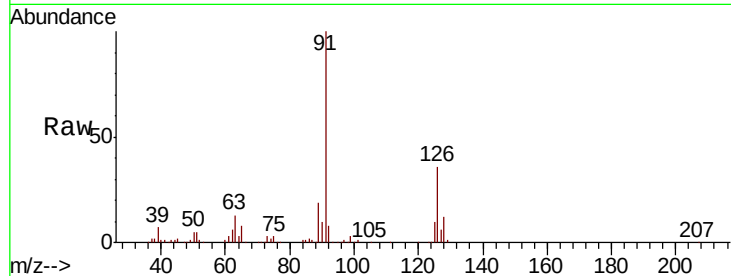
126 36.6 17.9 53.8

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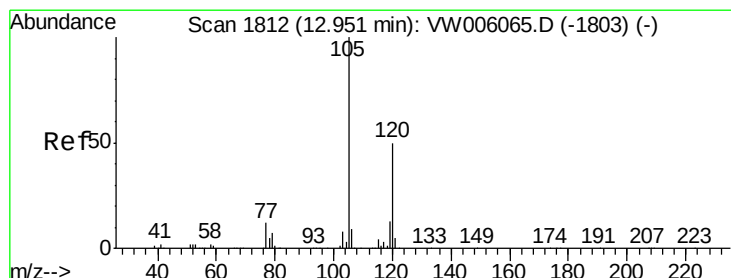
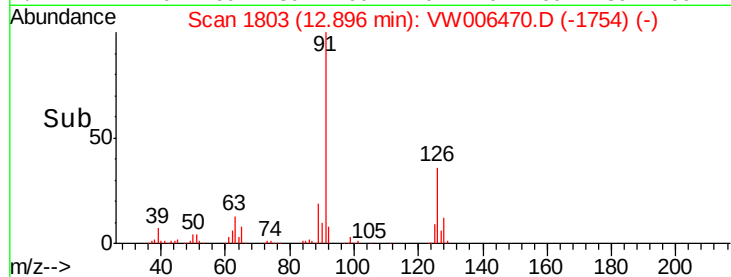
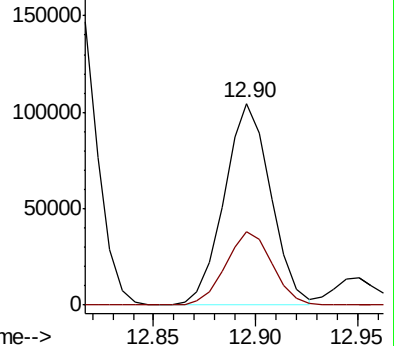
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.913 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006470.D

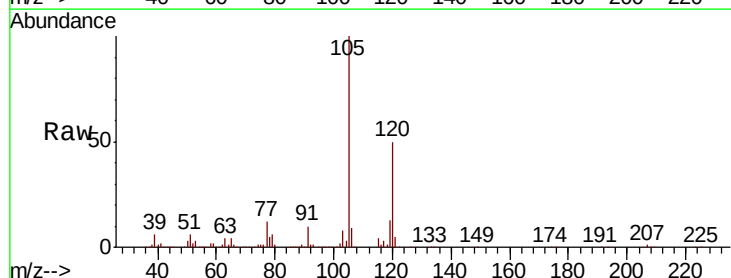
Acq: 30 Oct 2018 00:09

Tgt Ion:105 Resp: 210091

Ion Ratio Lower Upper

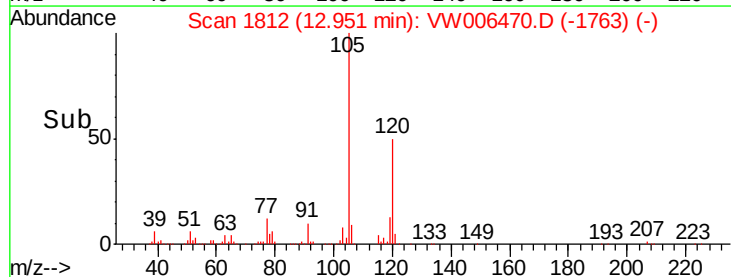
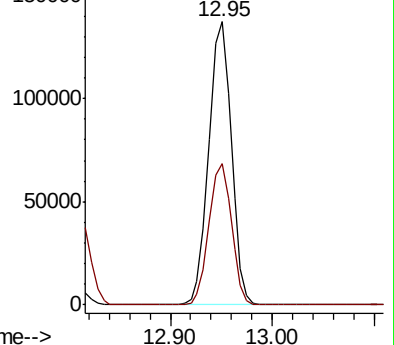
105 100

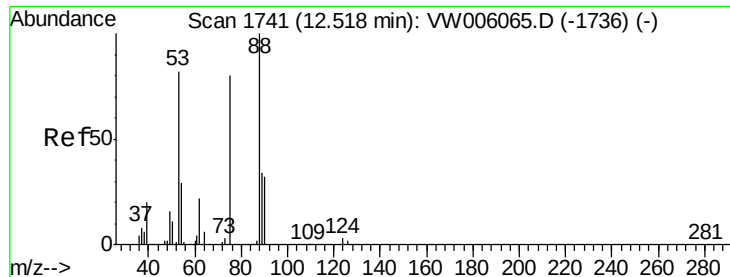
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





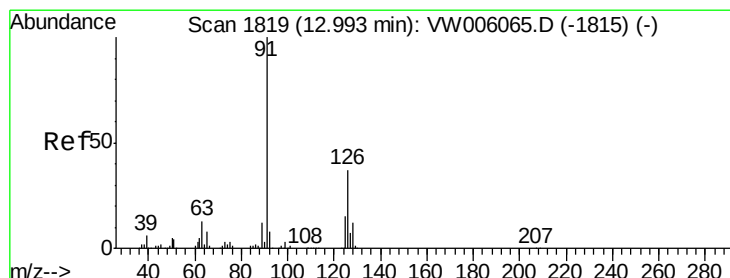
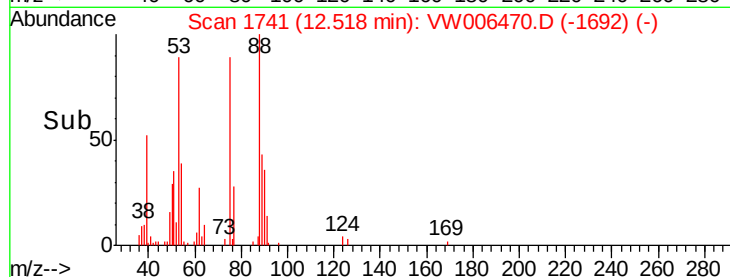
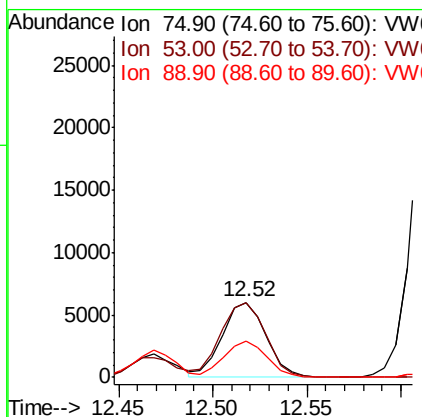
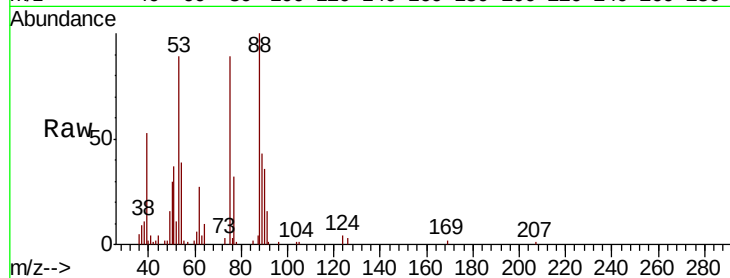
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.692 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 102.4 | 79.8  | 119.6 |
| 89      | 46.7  | 37.5  | 56.3  |

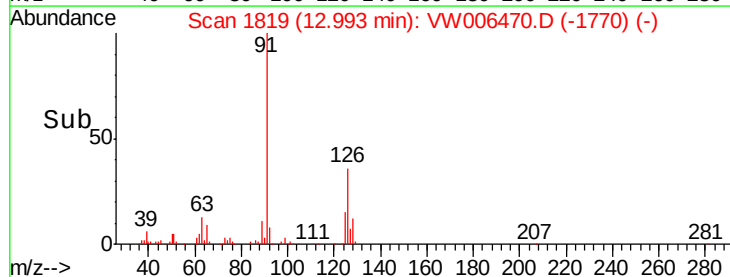
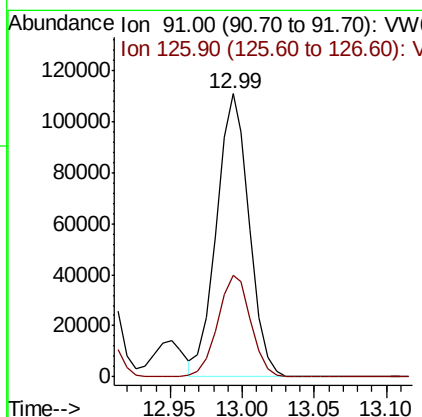
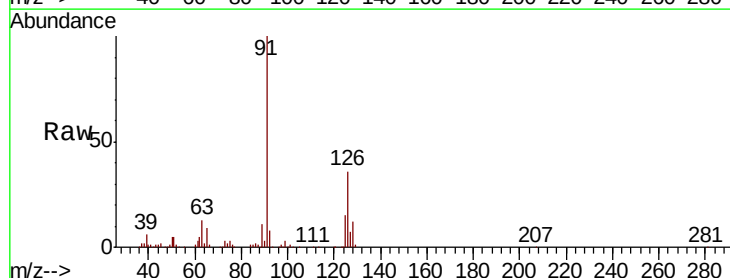
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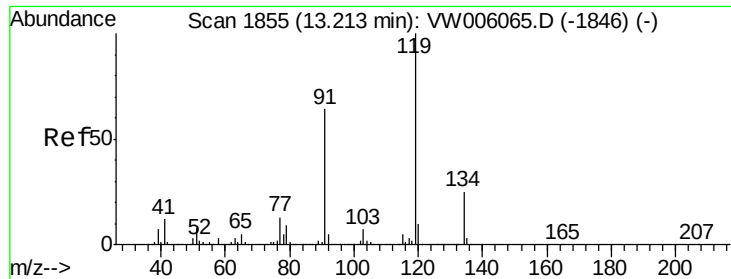
apatel  
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#82  
4-Chlorotoluene  
Concen: 23.501 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.4  | 18.1  | 54.3  |





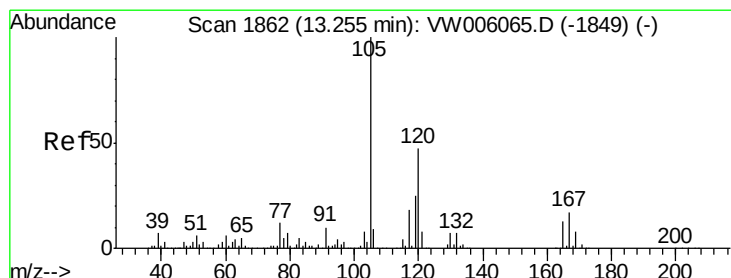
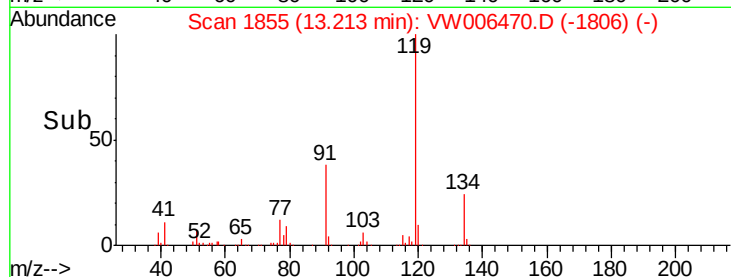
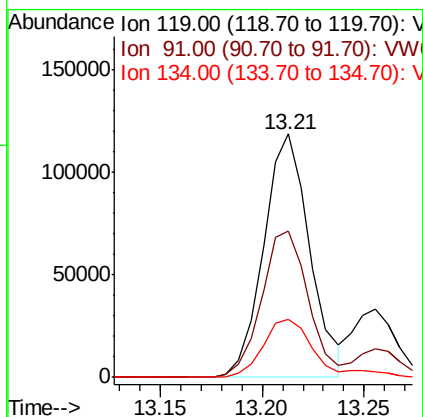
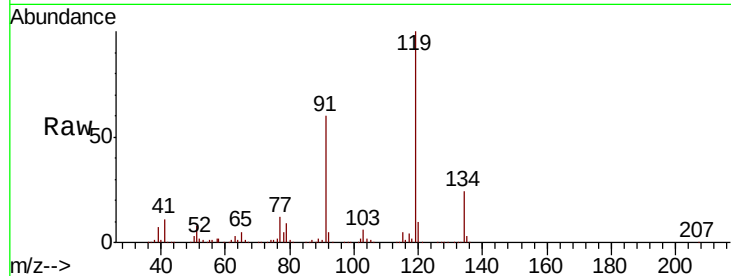
#83  
 tert-Butylbenzene  
 Concen: 22.768 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.0  | 32.3  | 96.9  |
| 134     | 27.1  | 13.6  | 40.8  |

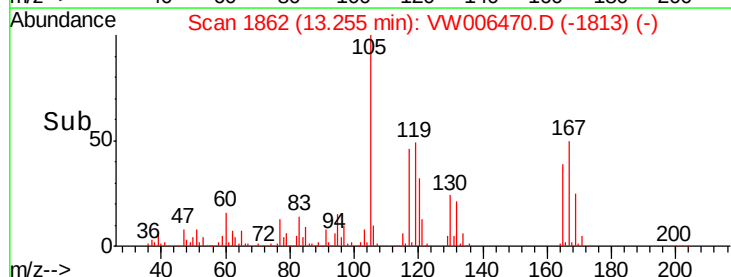
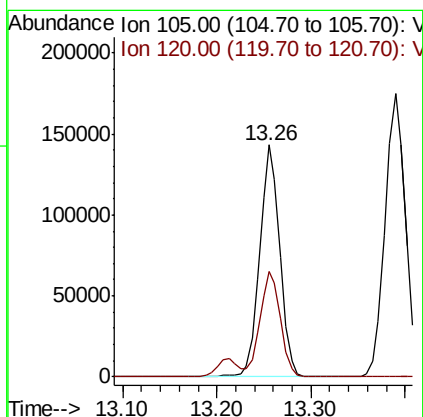
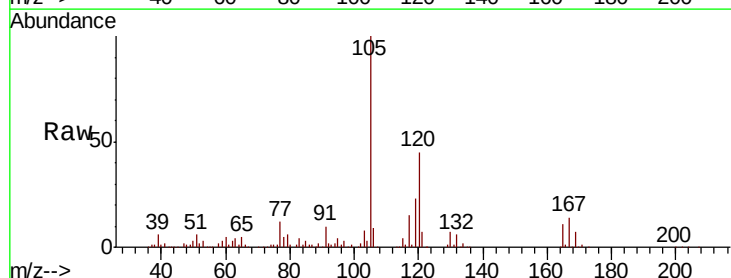
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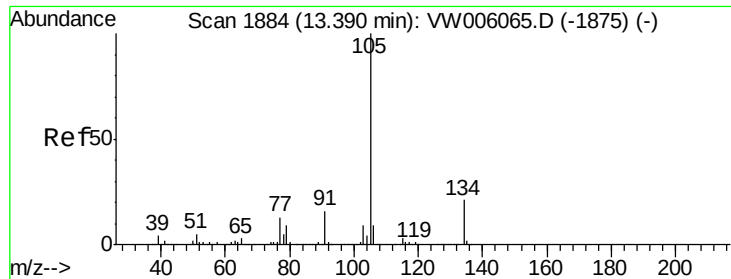
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 23.275 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.6  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 22.707 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

ClientSampleId :

VW1031SBS01

Tot Ion:105 Resp: 263161

Ion Ratio Lower Upper

105 100

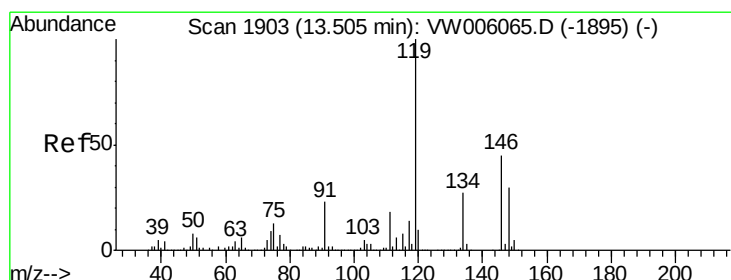
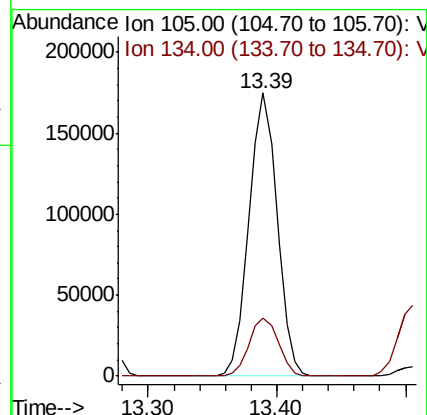
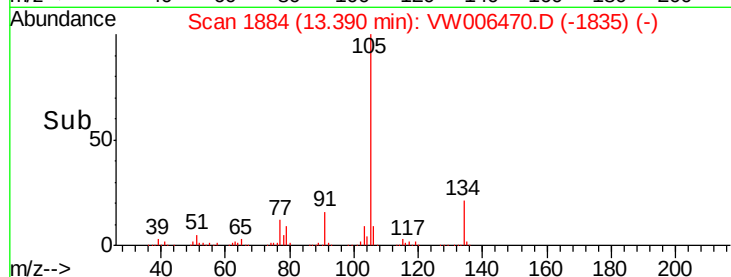
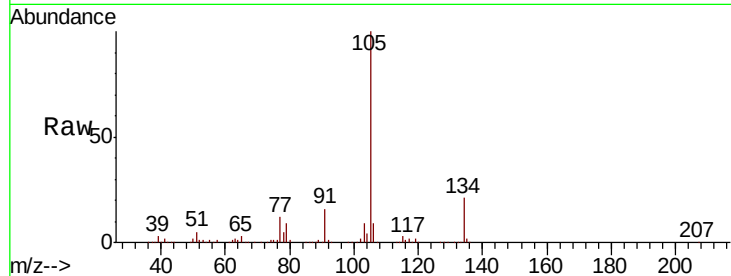
134 21.4 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 22.734 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

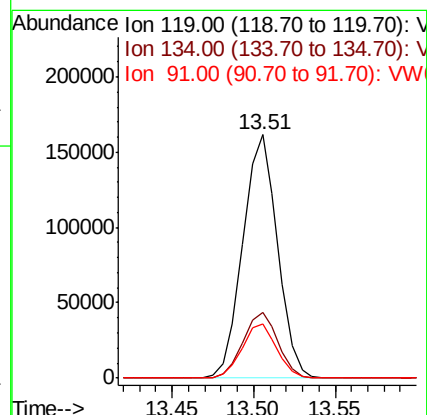
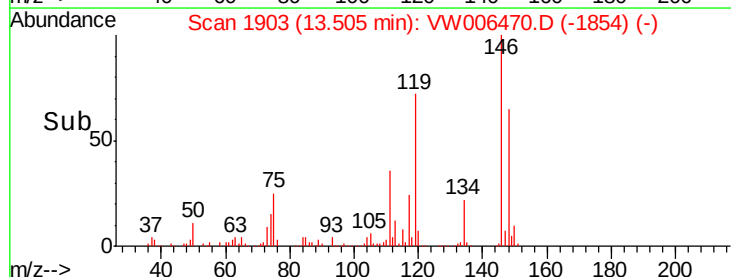
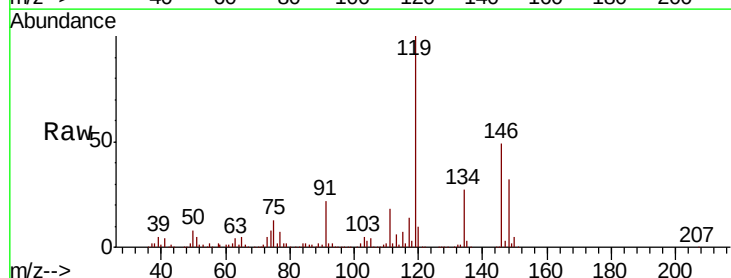
Tgt Ion:119 Resp: 238311

Ion Ratio Lower Upper

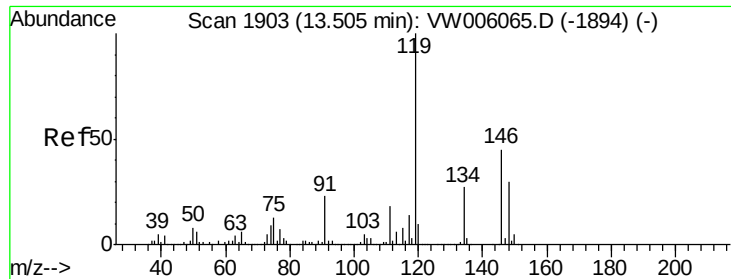
119 100

134 27.2 13.4 40.2

91 22.2 11.4 34.1







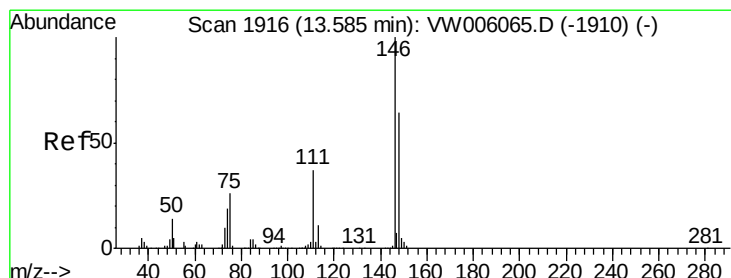
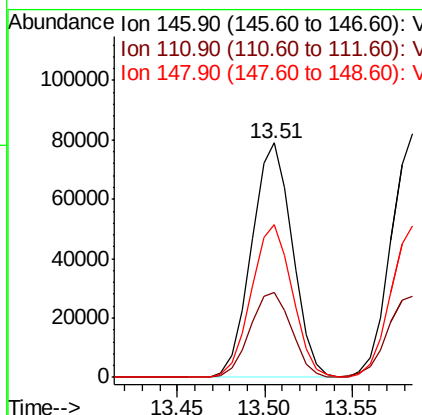
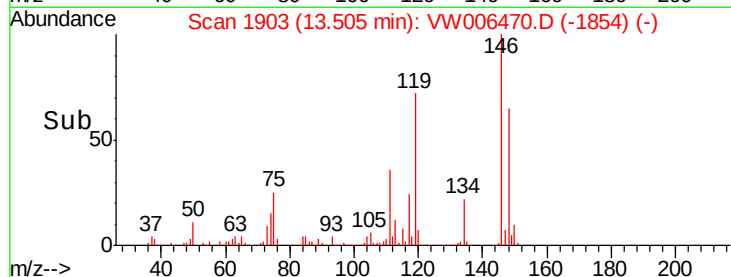
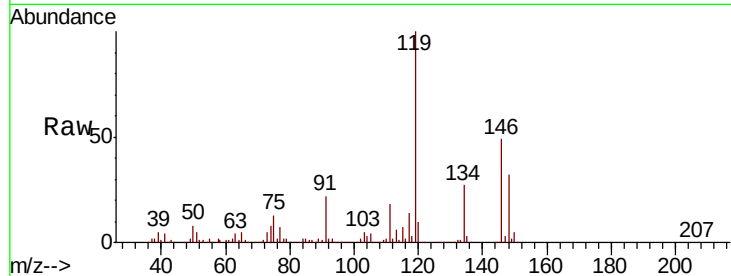
#87  
 1,3-Dichlorobenzene  
 Concen: 24.105 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 19.1  | 57.5  |
| 148     | 65.3  | 32.0  | 96.2  |

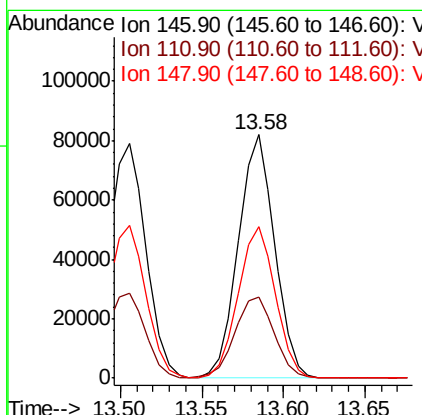
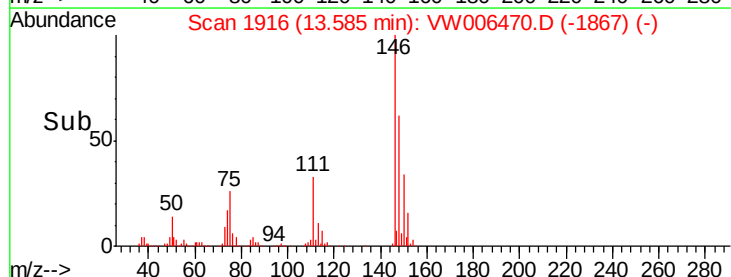
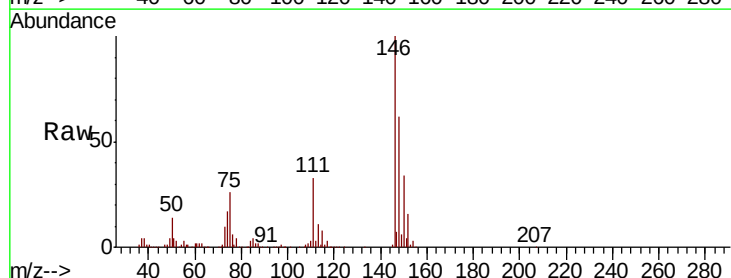
Manual Integrations  
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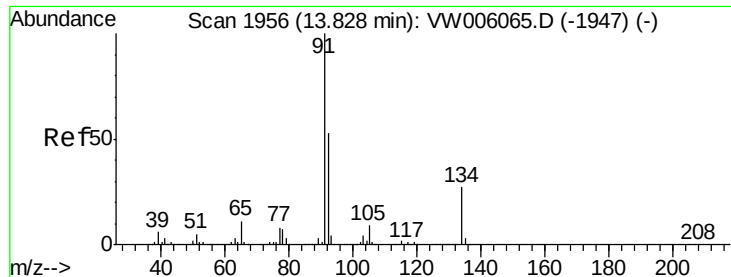
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#88  
 1,4-Dichlorobenzene  
 Concen: 24.190 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.0  | 18.6  | 56.0  |
| 148     | 63.5  | 32.1  | 96.5  |





#89

n-Butylbenzene

Concen: 22.372 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

Instrument :

MSVOA\_W

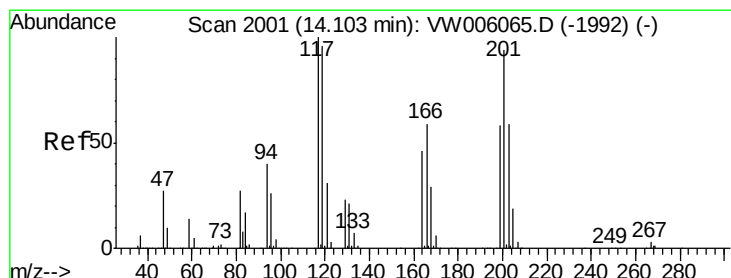
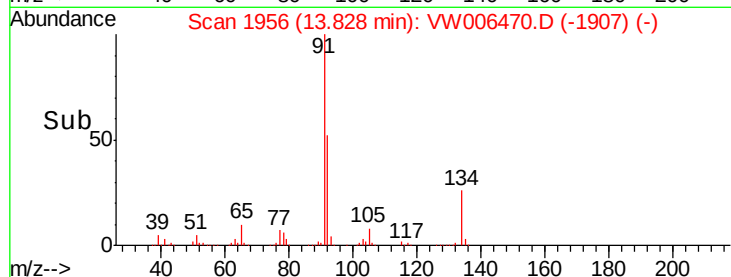
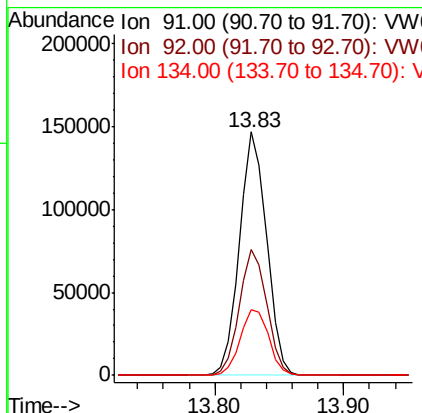
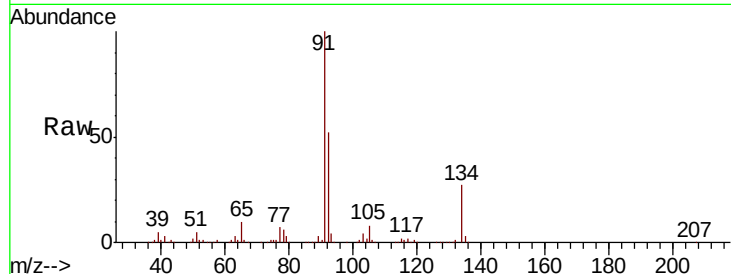
ClientSampleId :

VW1031SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 214472 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.2  | 26.6  | 79.7   |
| 134      | 28.3  | 14.0  | 41.9   |

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#90

Hexachloroethane

Concen: 21.806 ug/l

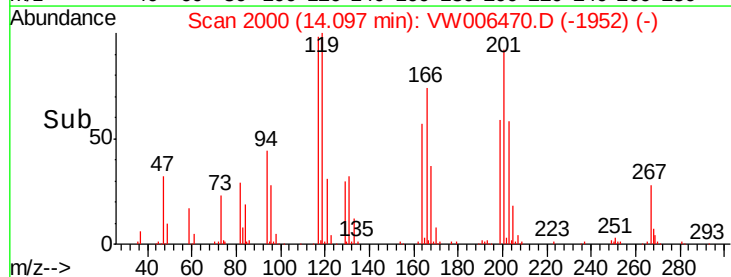
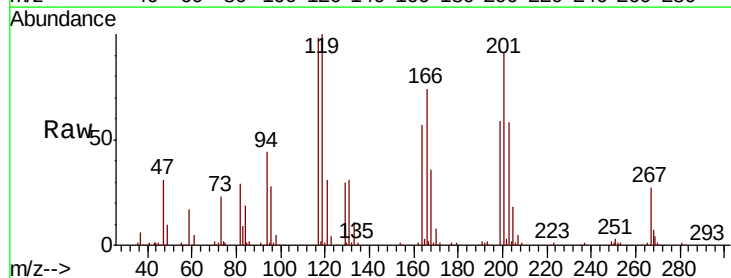
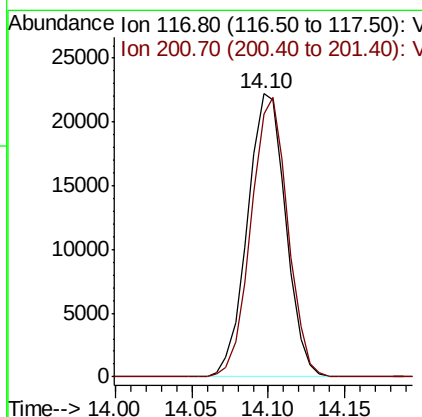
RT: 14.10 min Scan# 2000

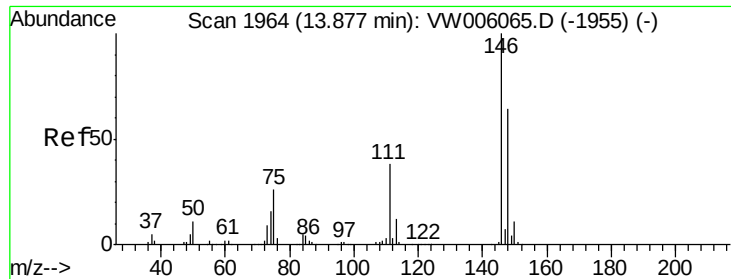
Delta R.T. -0.01 min

Lab File: VW006470.D

Acq: 30 Oct 2018 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 38719 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 94.6  | 45.3  | 135.9 |





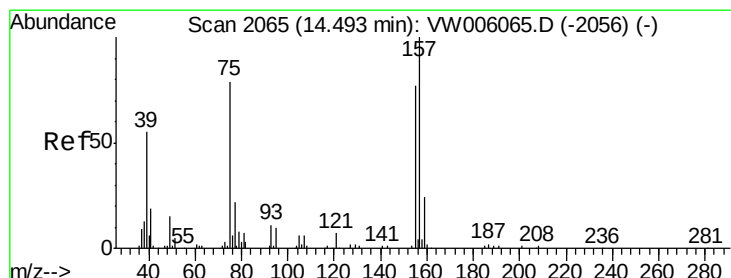
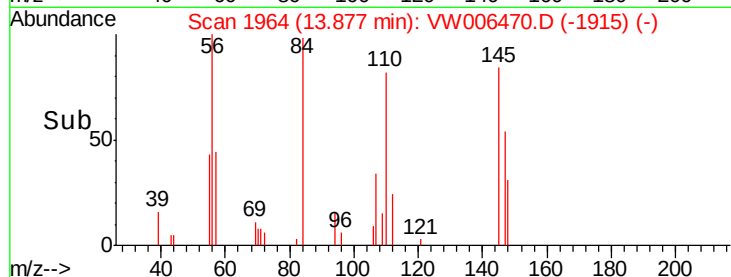
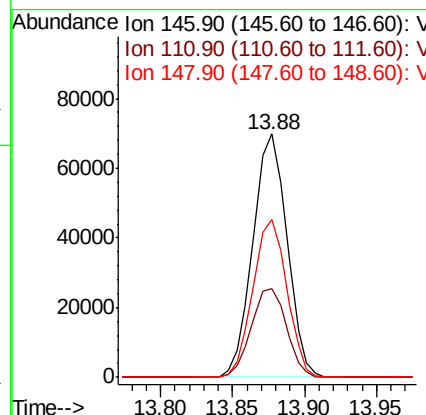
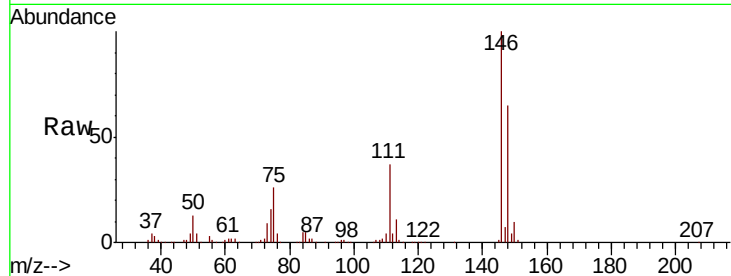
#91  
 1,2-Dichlorobenzene  
 Concen: 24.155 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 19.6  | 58.7  |
| 148     | 64.7  | 32.2  | 96.6  |

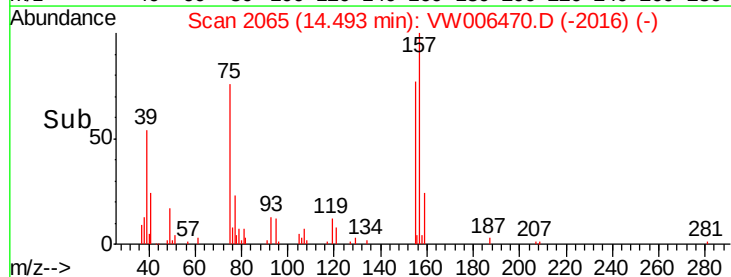
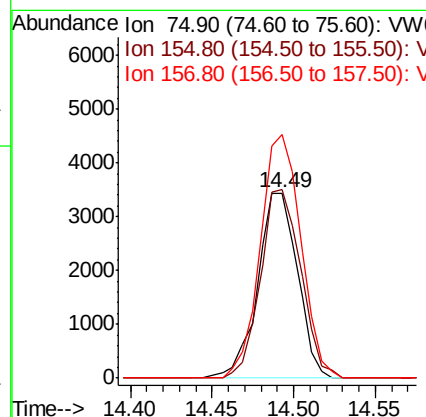
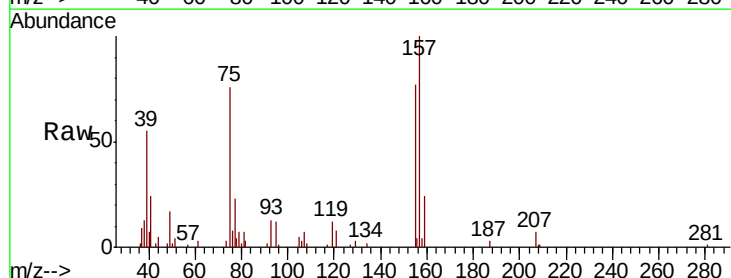
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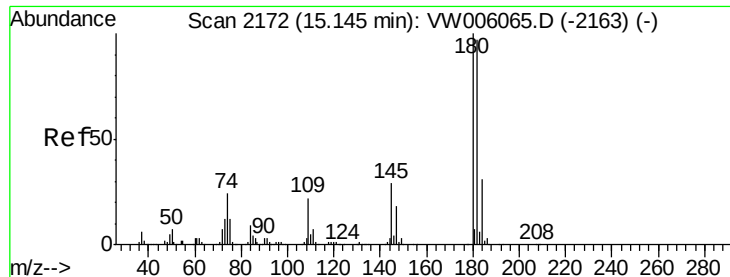
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.779 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.0 | 46.5  | 139.5 |
| 157     | 133.6 | 59.8  | 179.4 |





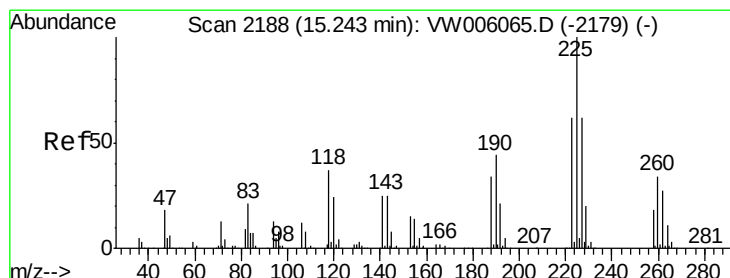
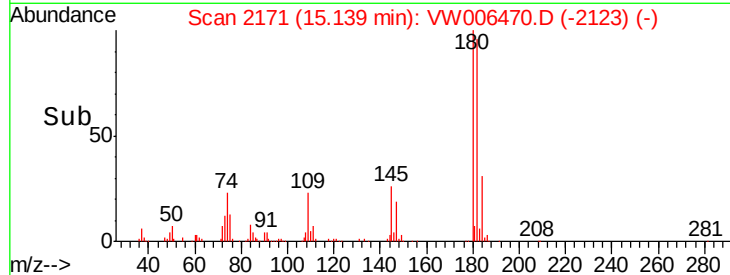
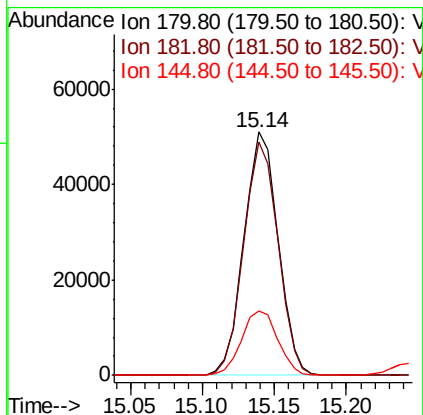
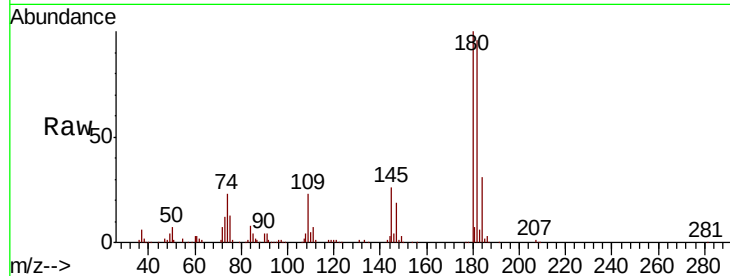
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.053 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1031SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.9  | 143.6 |
| 145     | 27.9  | 14.2  | 42.8  |

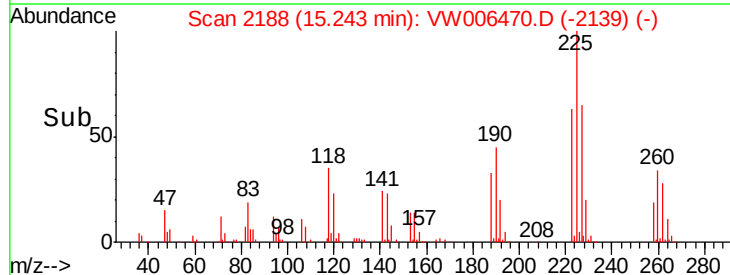
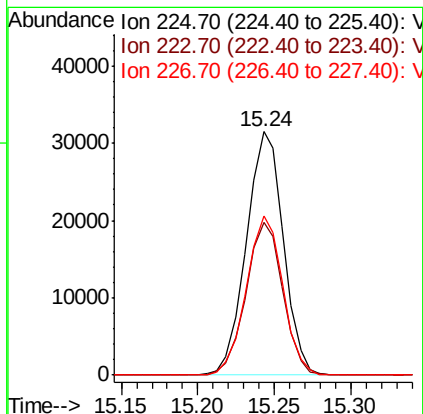
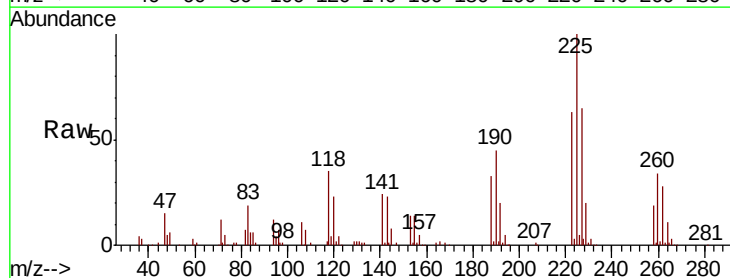
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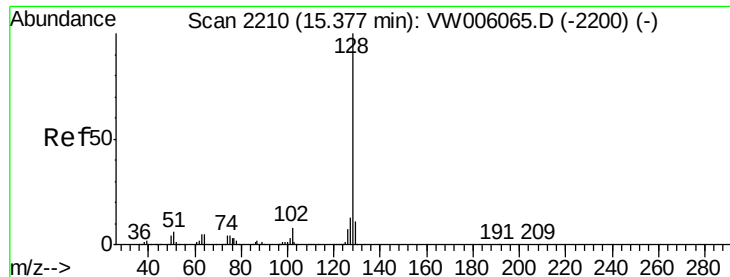
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#94  
 Hexachlorobutadiene  
 Concen: 23.168 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006470.D  
 Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 31.1  | 93.5  |
| 227     | 64.4  | 32.4  | 97.0  |





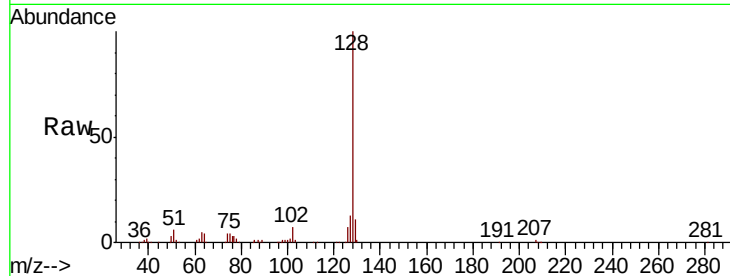
#95  
Naphthalene  
Concen: 21.373 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1031SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.3  | 15.5  |
| 129     | 10.8  | 8.7   | 13.1  |

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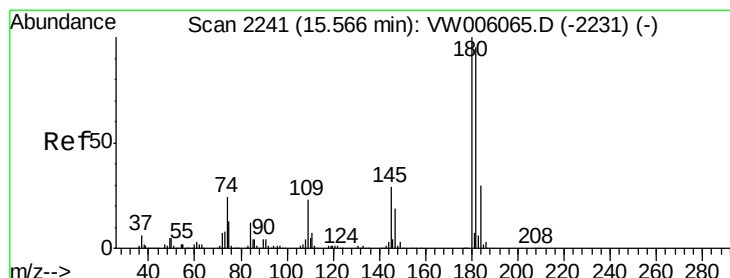
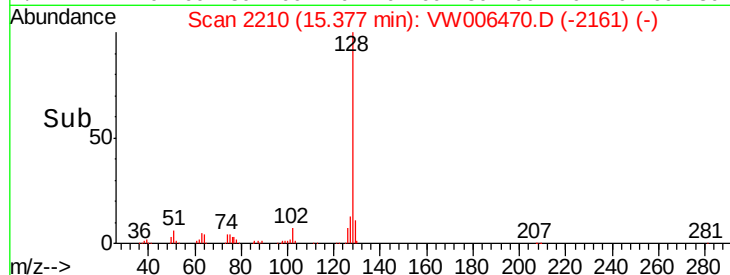
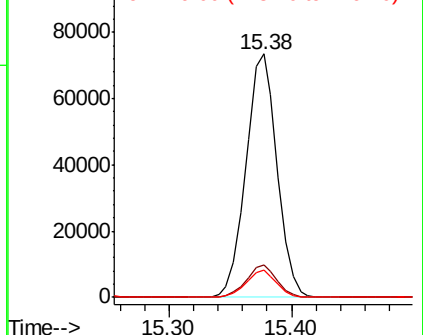


Abundance

Ion 128.00 (127.70 to 128.70): V

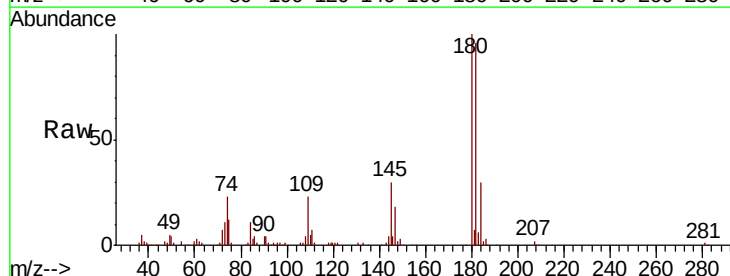
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 23.381 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006470.D  
Acq: 30 Oct 2018 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.8  | 143.3 |
| 145     | 29.7  | 15.0  | 45.1  |



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

