

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\  
 Data File : VW003957.D  
 Acq On : 16 Jul 2018 17:57  
 Operator : VA/AP  
 Sample : VW0716SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBS01

Manual Integrations  
 APPROVED

apatel  
 7/17/2018 10:31:54 AM

Quant Time: Jul 17 05:59:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 250949   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 402518   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 375190   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 196889   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 156277   | 55.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.42% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 132930   | 51.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |
| 50) Toluene-d8            | 10.33  | 98  | 521385   | 52.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.06% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 188450   | 52.15 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.30% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 30979  | 21.98  | ug/l | 97     |
| 3) Chloromethane              | 2.20 | 50  | 42594  | 22.96  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.35 | 62  | 55400  | 21.71  | ug/l | 96     |
| 5) Bromomethane               | 2.76 | 94  | 35164  | 22.05  | ug/l | 99     |
| 6) Chloroethane               | 2.91 | 64  | 30757  | 21.22  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.24 | 101 | 17599  | 16.43  | ug/l | 98     |
| 8) Diethyl Ether              | 3.67 | 74  | 27419  | 22.05  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 49658  | 20.09  | ug/l | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 71770  | 20.22  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 21070  | 108.81 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 4.02 | 96  | 51398  | 21.07  | ug/l | 98     |
| 13) Acrolein                  | 3.89 | 56  | 22322  | 112.19 | ug/l | 93     |
| 14) Allyl chloride            | 4.65 | 41  | 71054  | 17.65  | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 67867  | 106.52 | ug/l | 97     |
| 16) Acetone                   | 4.12 | 43  | 65731  | 97.51  | ug/l | 97     |
| 17) Carbon Disulfide          | 4.37 | 76  | 155233 | 20.39  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 34647  | 21.41  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 100339 | 21.47  | ug/l | 96     |
| 20) Methylene Chloride        | 4.92 | 84  | 66532  | 17.20  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 54319  | 20.32  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.31 | 45  | 176637 | 21.71  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 580734 | 112.66 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 104919 | 21.14  | ug/l | 98     |
| 25) 2-Butanone                | 7.18 | 43  | 102947 | 113.49 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 54215  | 19.03  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 60016  | 20.77  | ug/l | 100    |
| 28) Bromochloromethane        | 7.51 | 49  | 46574  | 22.93  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 65849  | 116.54 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 106089 | 21.48  | ug/l | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 94437  | 20.29  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 77619  | 20.13  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 82587  | 19.94  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 45095  | 22.58  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 76264  | 19.71  | ug/l | 99     |

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 Operator : VA/AP  
 Sample : VW0716SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0716SBS01

Manual Integrations  
 APPROVED

apatel  
 7/17/2018 10:31:54 AM

Quant Time: Jul 17 05:59:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 92907    | 19.16  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 236596   | 20.59  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 22383    | 20.22  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 75767    | 21.62  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 82500    | 22.08  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 59781    | 20.07  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 61555    | 20.99  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 32600    | 21.42  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 78464    | 20.92  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.44  | 41   | 39471    | 21.85  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 10133    | 433.21 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 227210   | 114.15 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 146871   | 20.67  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 81349    | 20.74  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 91106    | 20.30  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 45901    | 21.45  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 58899    | 21.05  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 81035    | 21.79  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 146435   | 115.34 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 157217   | 112.07 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 52647    | 21.12  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 44162    | 21.69  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 52386    | 20.35  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 162439   | 20.36  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 56409    | 20.35  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 279557   | 19.95  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.85 | 106  | 212012   | 39.58  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 99381    | 20.00  | ug/l   | 100      |
| 70) Styrene                    | 12.19 | 104  | 170650   | 20.56  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 32195    | 20.57  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 270285   | 19.43  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 79157    | 21.84  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 57578    | 21.40  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 48013m   | 24.56  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 67116    | 20.16  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.81 | 91   | 338515   | 19.83  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 194087   | 20.16  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 233203   | 19.92  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 18123    | 20.51  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 206933   | 20.03  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 192719   | 19.61  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 241608   | 20.06  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 285997   | 19.61  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 254282   | 19.88  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 135324   | 20.35  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 135737   | 20.36  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 244156   | 19.41  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 46055    | 19.53  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 123024   | 20.77  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 10402    | 21.74  | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071618\  
Data File : VW003957.D  
Acq On : 16 Jul 2018 17:57  
Operator : VA/AP  
Sample : VW0716SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

Manual Integrations  
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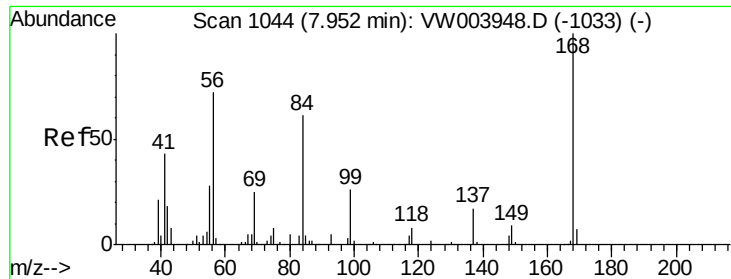
apatel  
7/17/2018 10:31:54 AM

Quant Time: Jul 17 05:59:50 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 16 15:06:12 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 88881    | 21.36 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.25 | 225  | 46843    | 19.61 | ug/l  | 100      |
| 95) Naphthalene            | 15.38 | 128  | 173207   | 22.55 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 79323    | 21.53 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBSD01

Tot Ion:168 Resp: 250949

Ion Ratio Lower Upper

168 100

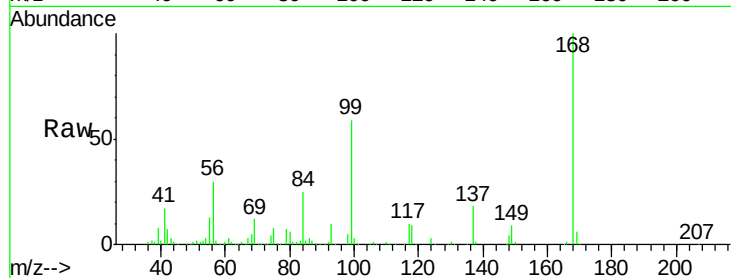
99 59.2 43.8 65.6

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

120000

100000

80000

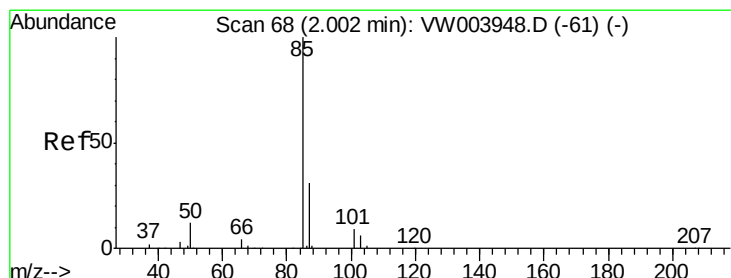
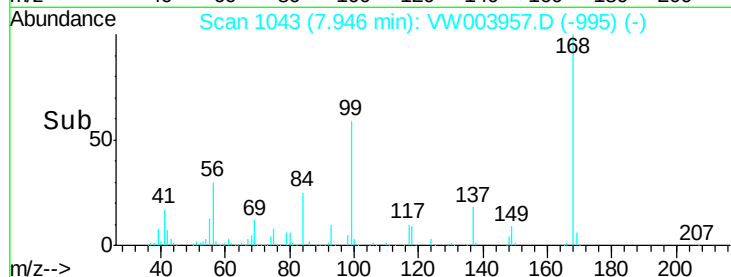
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.98 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW003957.D

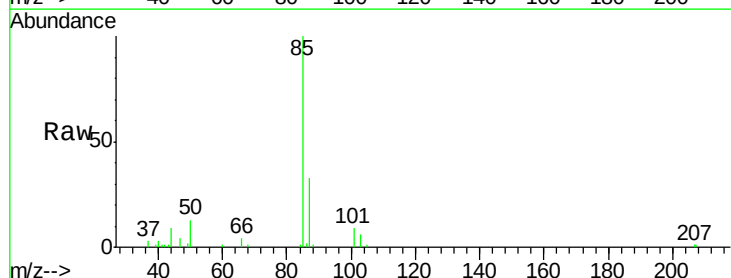
Acq: 16 Jul 2018 17:57

Tgt Ion: 85 Resp: 30979

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

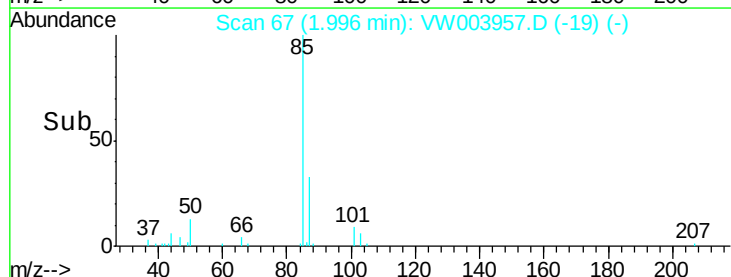
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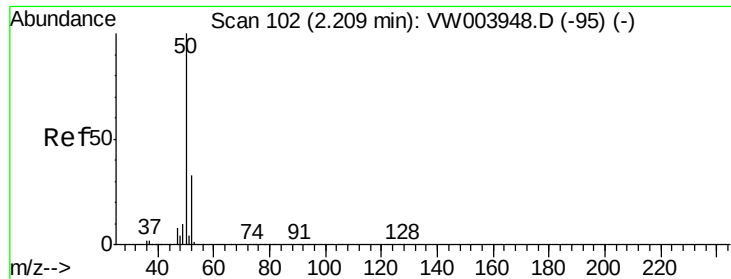
4000

2000

0

Time-->





#3

Chloromethane

Concen: 22.96 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBSD01

Tot Ion: 50 Resp: 42594

Ion Ratio Lower Upper

50 100

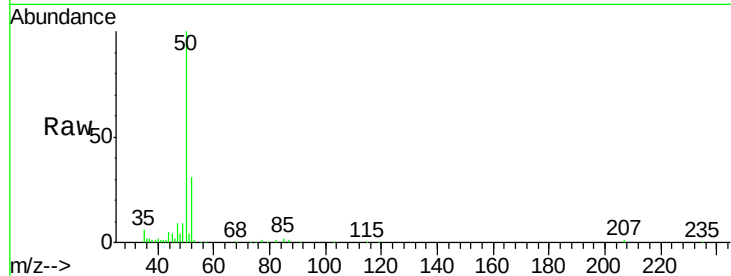
52 31.5 26.3 39.5

Manual Integrations

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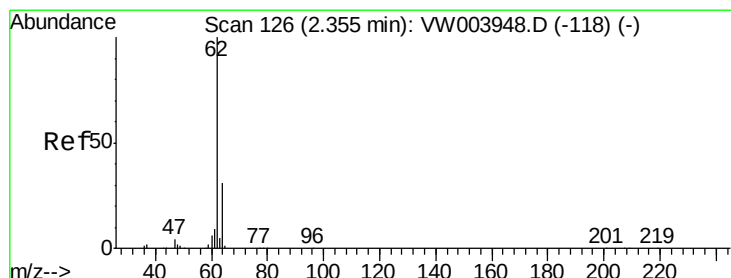
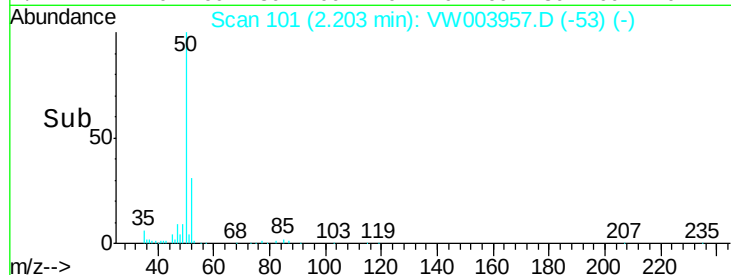
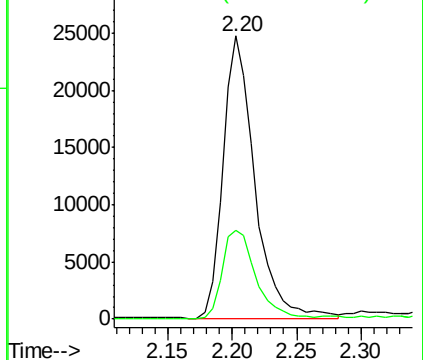
apatel

7/17/2018 10:31:54 AM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.71 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW003957.D

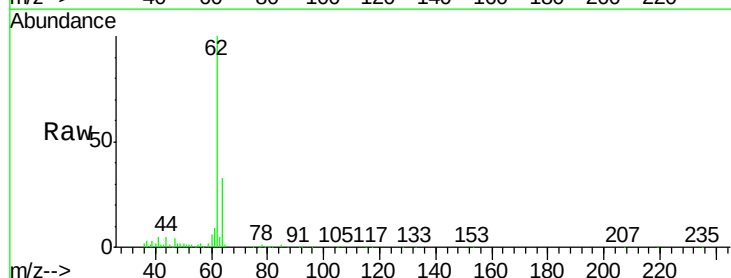
Acq: 16 Jul 2018 17:57

Tgt Ion: 62 Resp: 55400

Ion Ratio Lower Upper

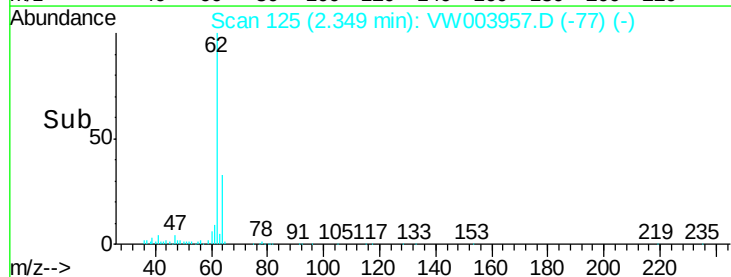
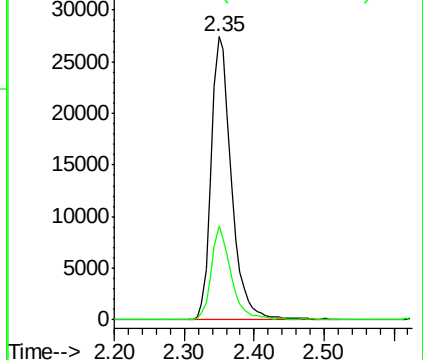
62 100

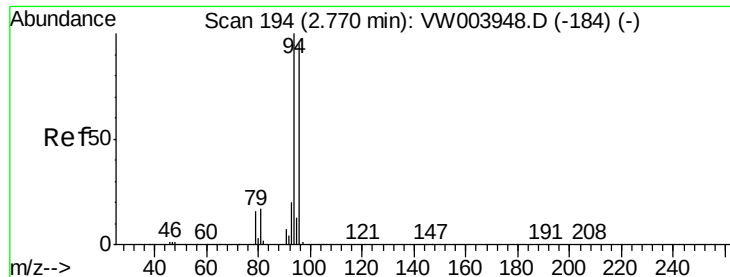
64 33.4 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.05 ug/l

RT: 2.76 min Scan# 192

Delta R.T. -0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBSD01

Tot Ion: 94 Resp: 35164

Ion Ratio Lower Upper

94 100

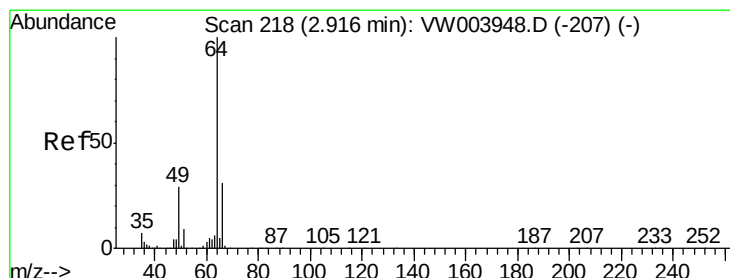
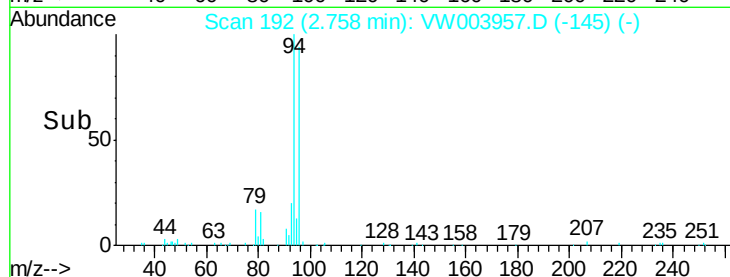
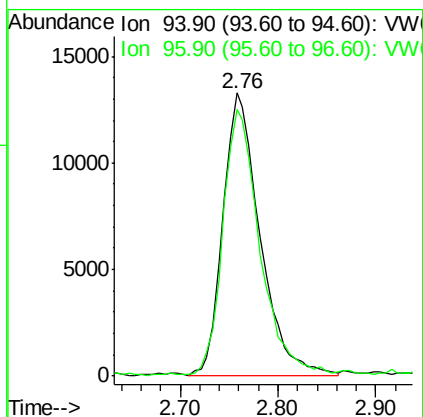
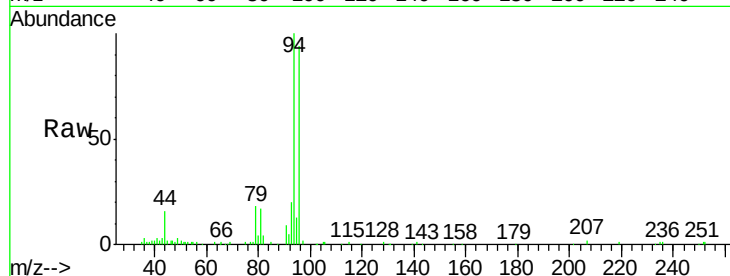
96 93.9 75.8 113.6

Manual Integrations

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7/17/2018 10:31:54 AM



#6

Chloroethane

Concen: 21.22 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003957.D

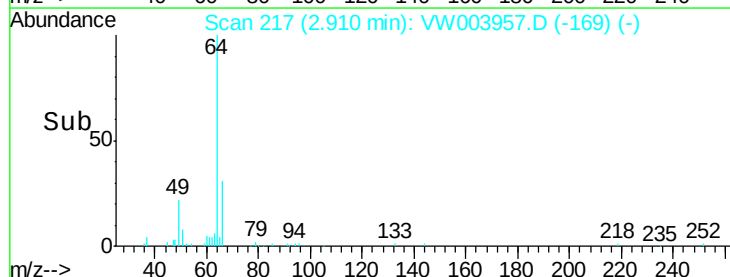
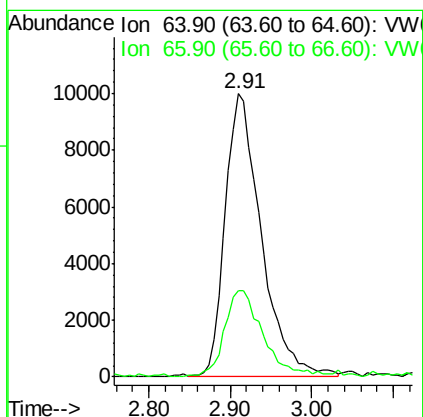
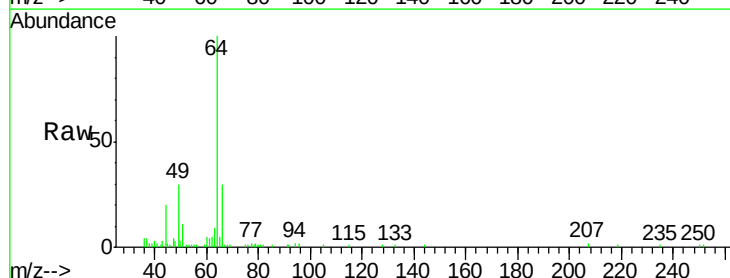
Acq: 16 Jul 2018 17:57

Tgt Ion: 64 Resp: 30757

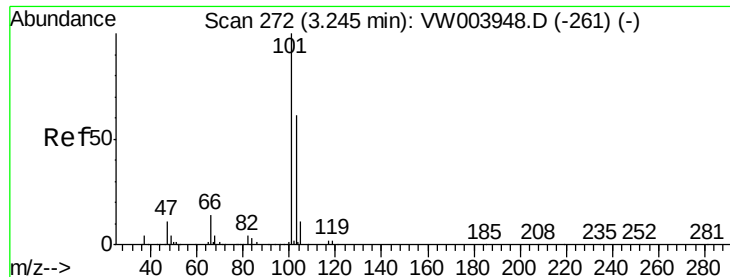
Ion Ratio Lower Upper

64 100

66 29.6 24.5 36.7







#7

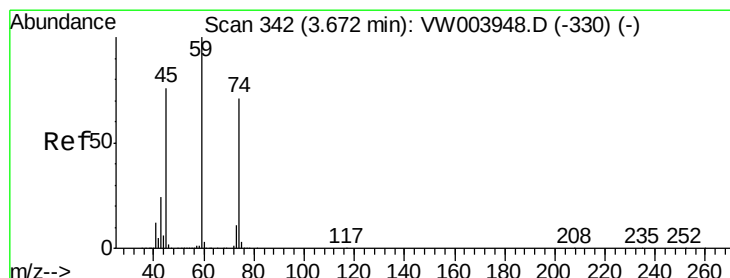
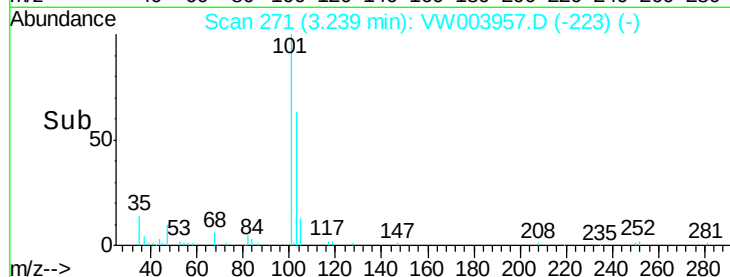
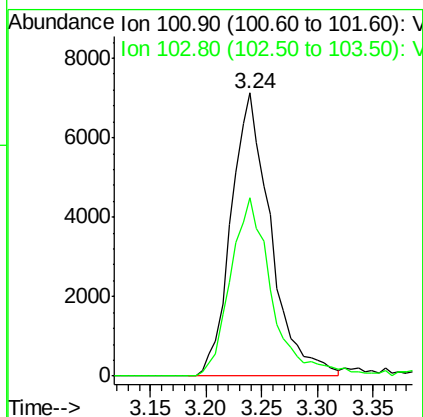
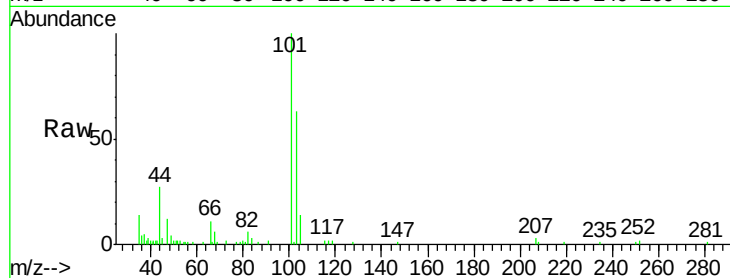
Trichlorofluoromethane  
Concen: 16.43 ug/l  
RT: 3.24 min Scan# 271  
Delta R.T. -0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.8  | 49.0  | 73.6  |

Manual Integrations  
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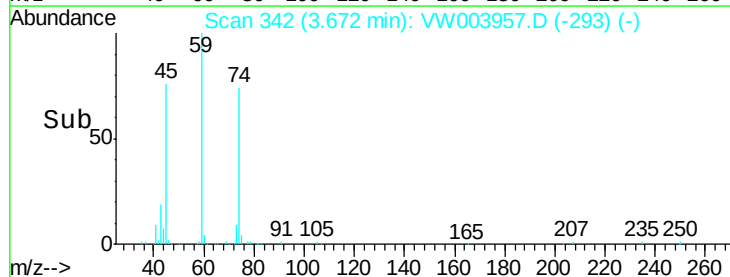
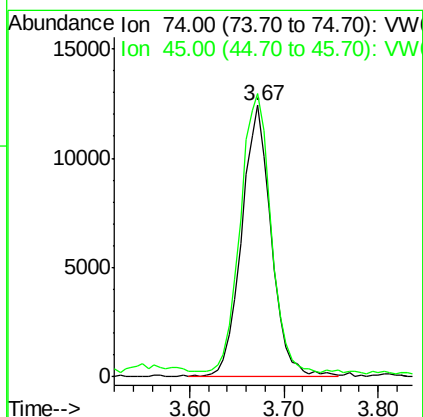
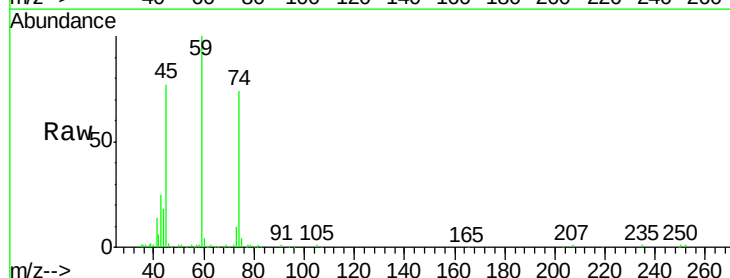
apatel  
7/17/2018 10:31:54 AM



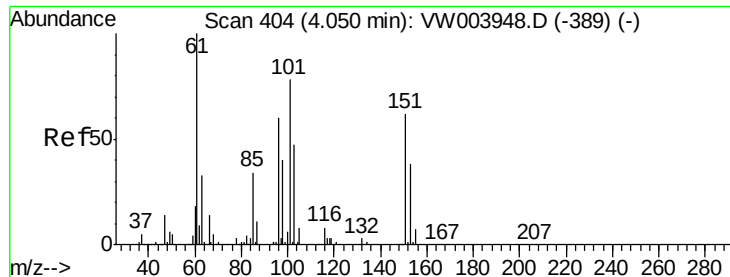
#8

Diethyl Ether  
Concen: 22.05 ug/l  
RT: 3.67 min Scan# 342  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 105.1 | 53.8  | 161.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.09 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

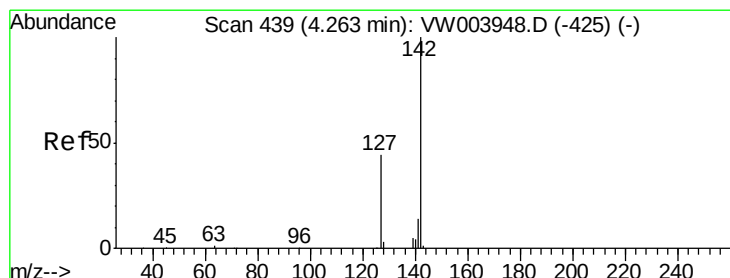
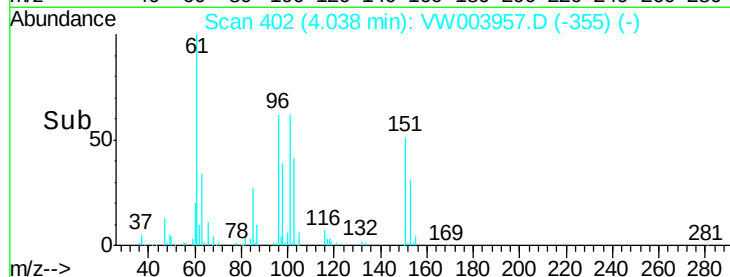
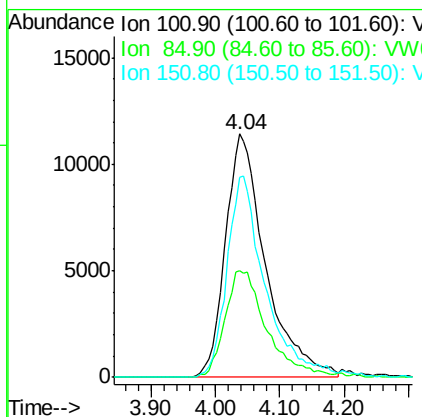
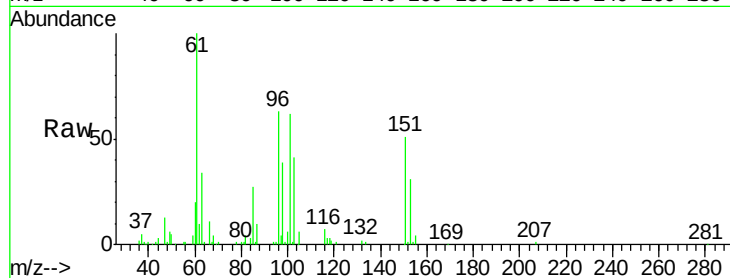
ClientSampleId :

VW0716SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 49658 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.5  | 35.8  | 53.6  |
| 151       | 78.5  | 63.6  | 95.4  |

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#10

Methyl Iodide

Concen: 20.22 ug/l

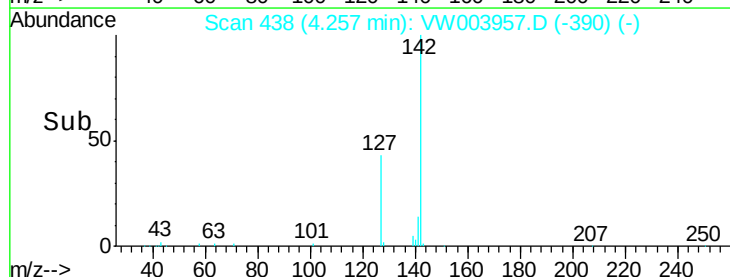
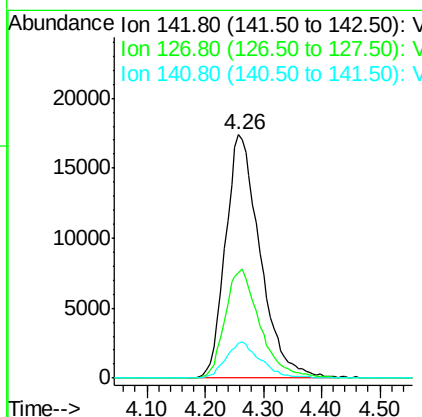
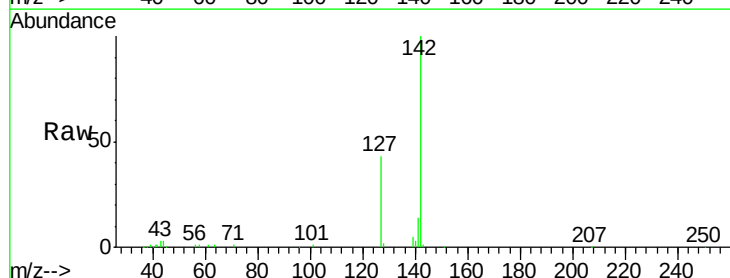
RT: 4.26 min Scan# 438

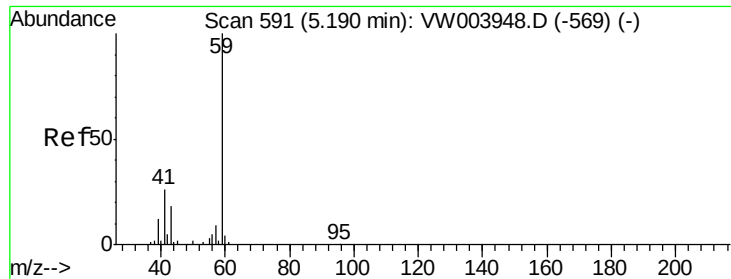
Delta R.T. -0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 71770 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.9  | 35.4  | 53.2  |
| 141       | 14.7  | 11.7  | 17.5  |





#11

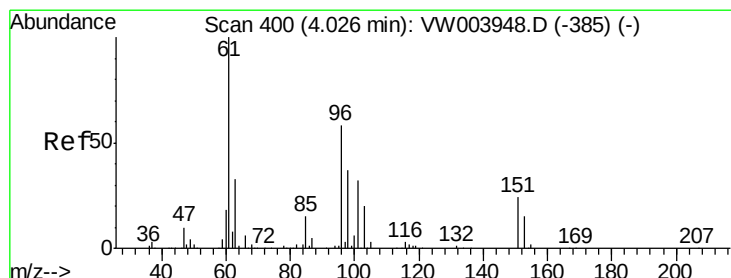
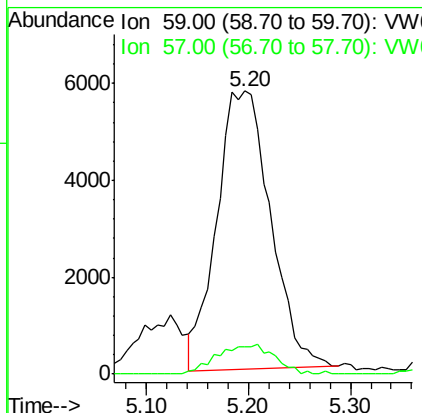
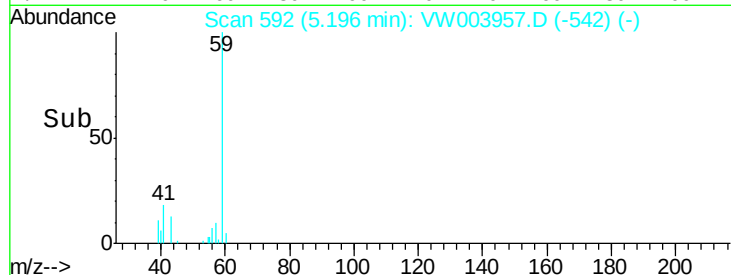
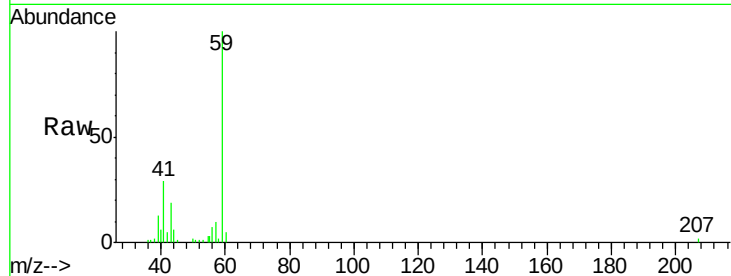
Tert butyl alcohol  
 Concen: 108.81 ug/l  
 RT: 5.20 min Scan# 592  
 Delta R.T. 0.01 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBS01

Tot Ion: 59 Resp: 21070  
 Ion Ratio Lower Upper  
 59 100  
 57 11.3 8.5 12.7

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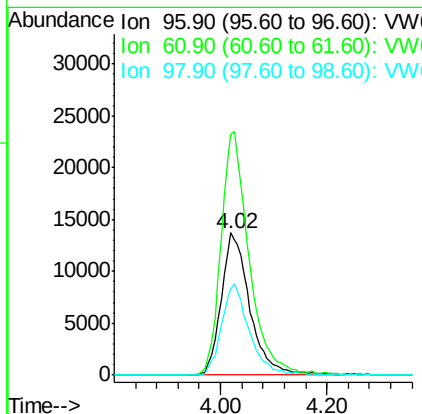
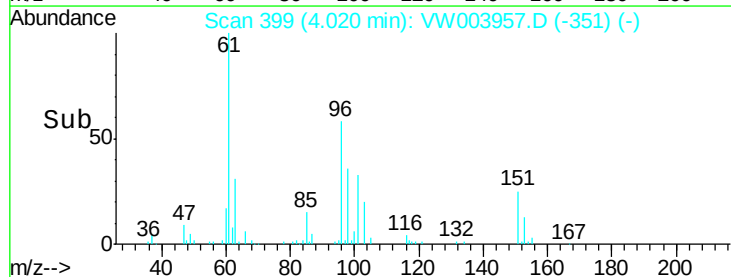
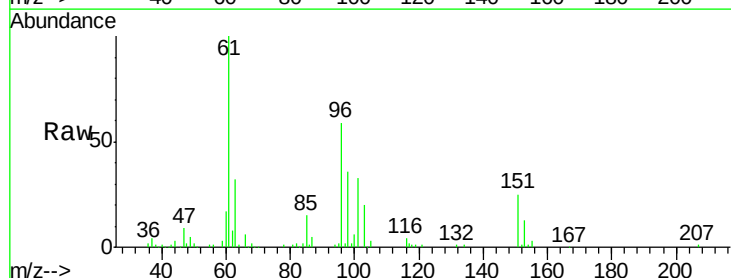
apatel  
 7/17/2018 10:31:54 AM

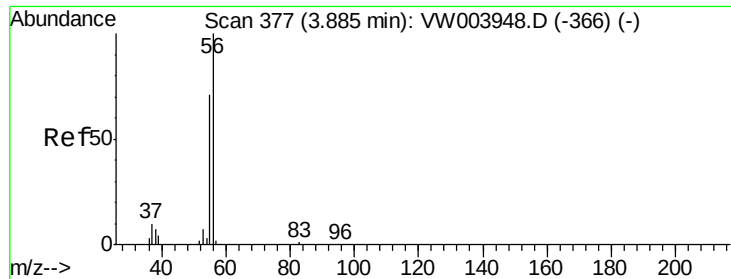


#12

1,1-Dichloroethene  
 Concen: 21.07 ug/l  
 RT: 4.02 min Scan# 399  
 Delta R.T. -0.01 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Tgt Ion: 96 Resp: 51398  
 Ion Ratio Lower Upper  
 96 100  
 61 169.6 137.0 205.6  
 98 60.6 50.2 75.4





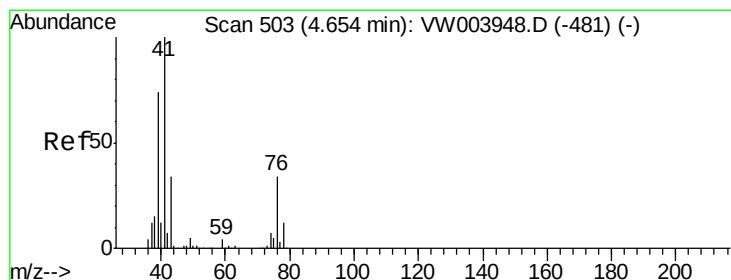
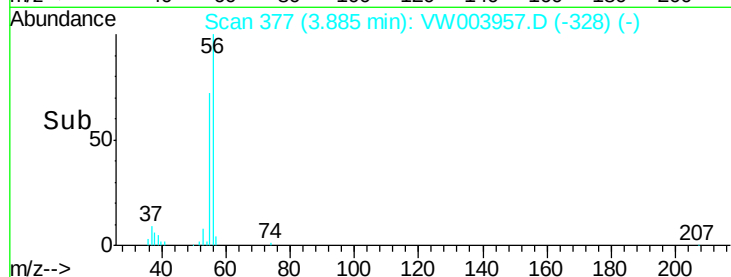
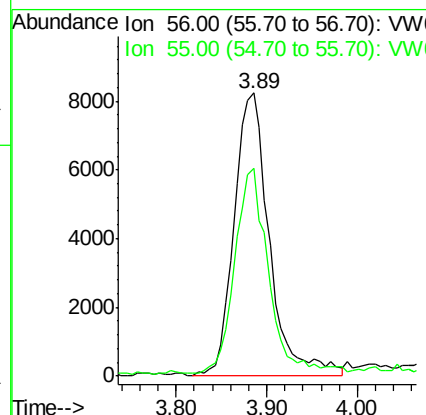
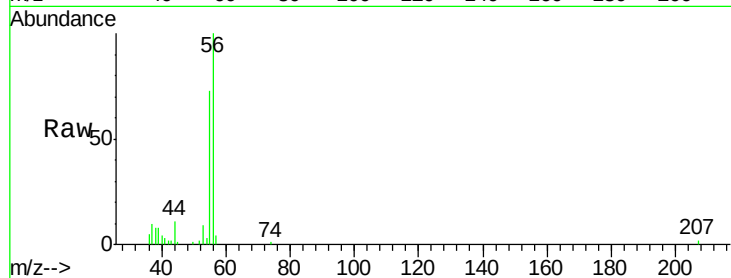
#13  
Acrolein  
Concen: 112.19 ug/l  
RT: 3.89 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion   | 56    | Resp  | 22322 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 66.9  | 58.2  | 87.4  |

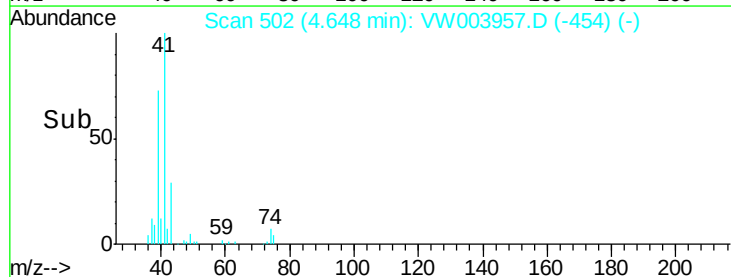
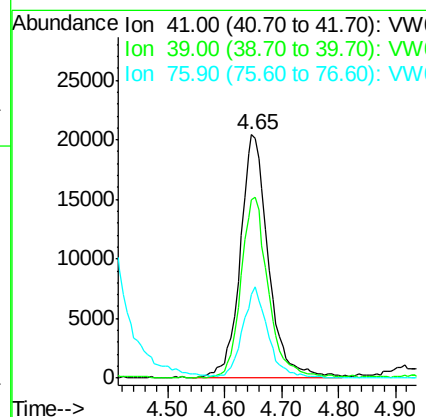
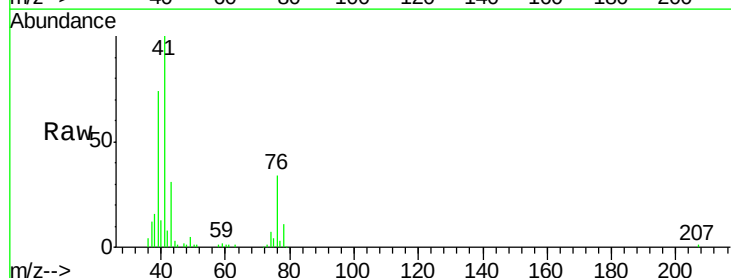
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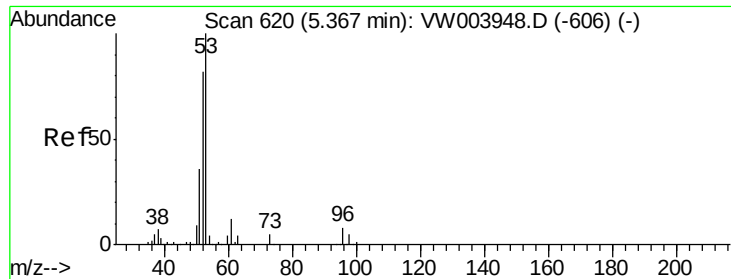
apatel  
7/17/2018 10:31:54 AM



#14  
Allyl chloride  
Concen: 17.65 ug/l  
RT: 4.65 min Scan# 502  
Delta R.T. -0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion   | 41    | Resp  | 71054 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 70.6  | 57.0  | 85.4  |
| 76        | 33.8  | 26.5  | 39.7  |





#15

Acrylonitrile

Concen: 106.52 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

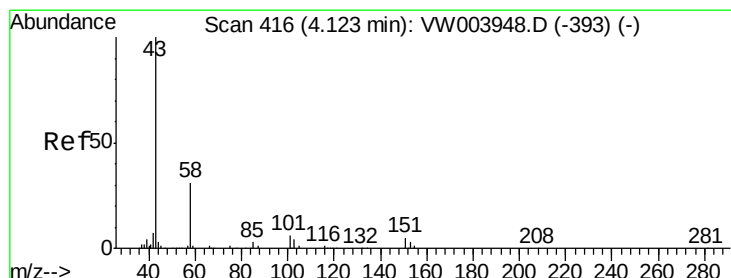
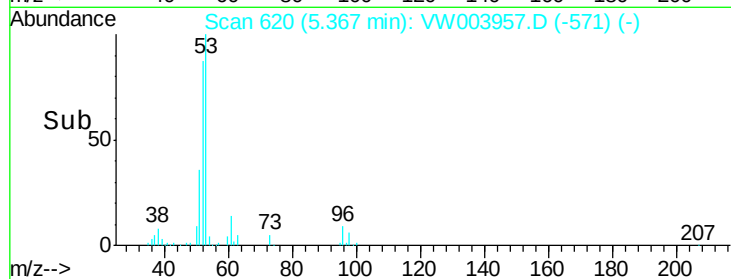
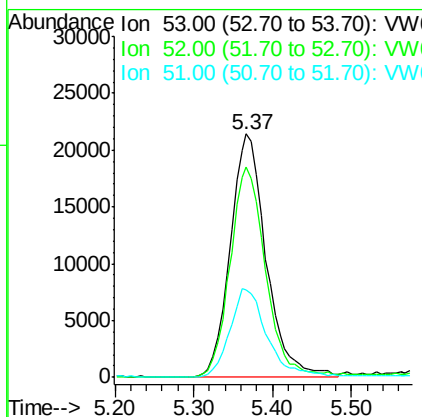
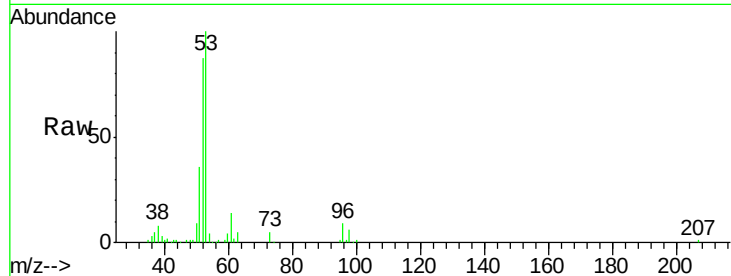
ClientSampleId :

VW0716SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 67867 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.7  | 66.1  | 99.1  |
| 51       | 37.9  | 29.8  | 44.6  |

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#16

Acetone

Concen: 97.51 ug/l

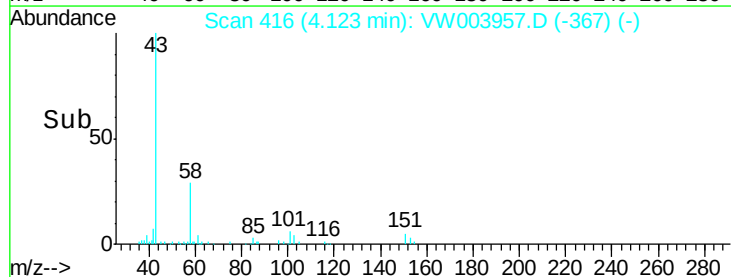
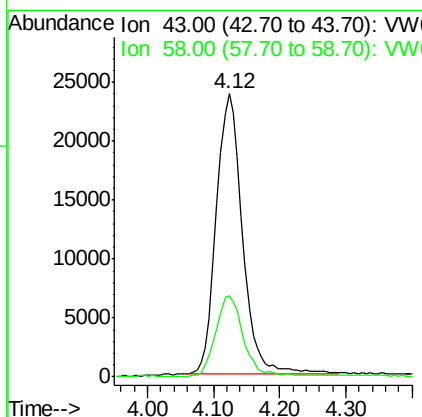
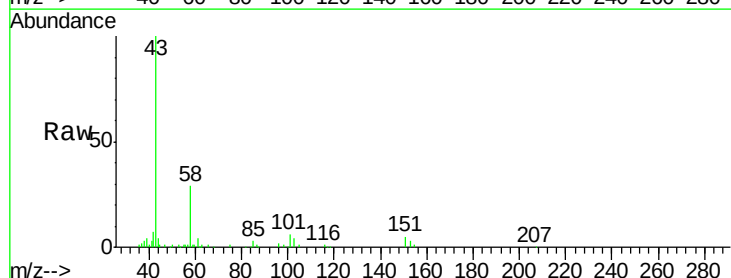
RT: 4.12 min Scan# 416

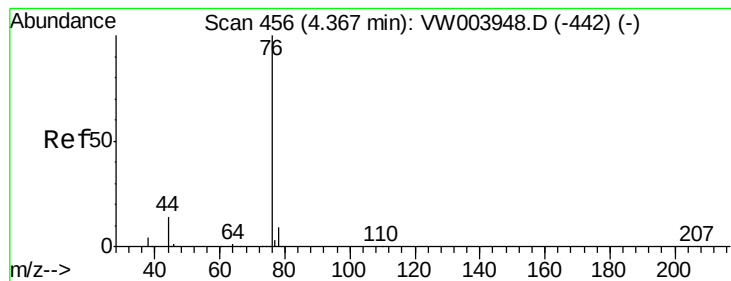
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 65731 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.8  | 24.5  | 36.7  |





#17

Carbon Disulfide

Concen: 20.39 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBSD01

Tot Ion: 76 Resp: 155233

Ion Ratio Lower Upper

76 100

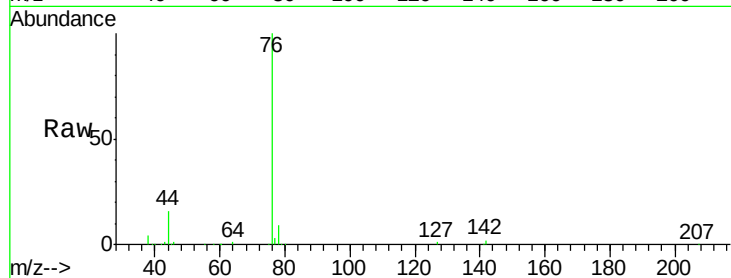
78 8.8 7.1 10.7

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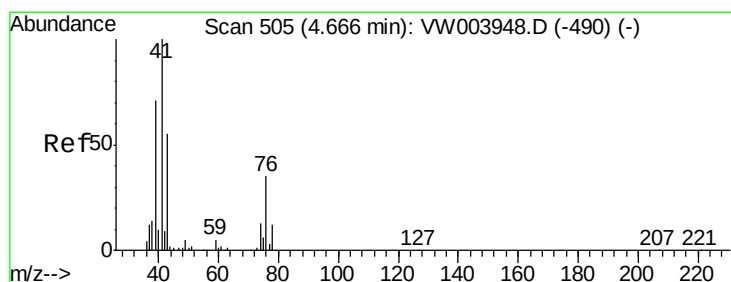
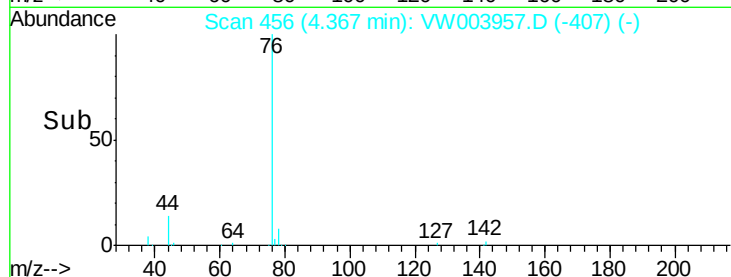
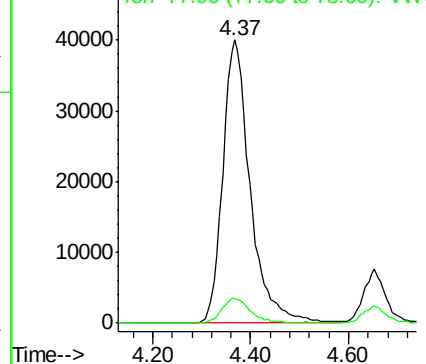
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.41 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW003957.D

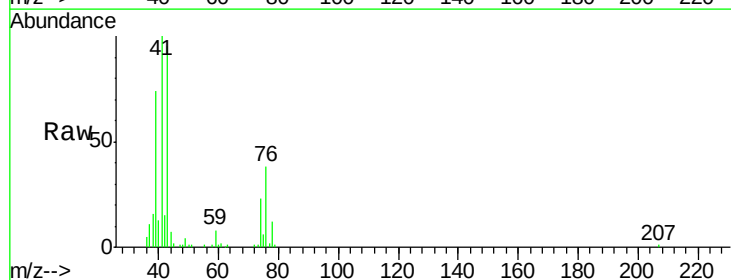
Acq: 16 Jul 2018 17:57

Tgt Ion: 43 Resp: 34647

Ion Ratio Lower Upper

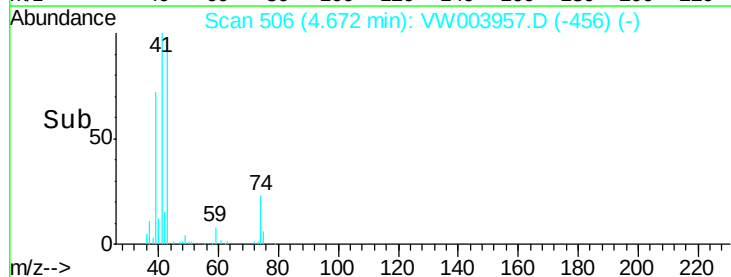
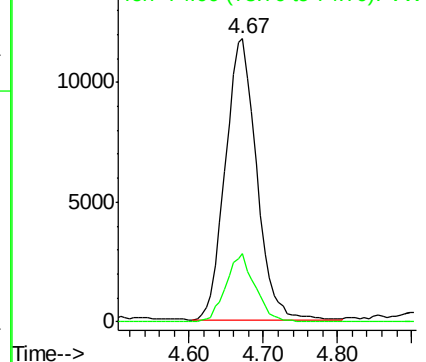
43 100

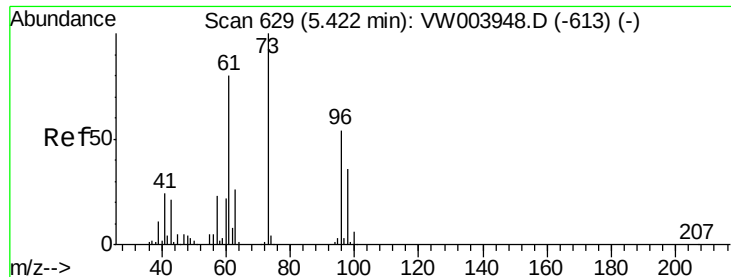
74 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





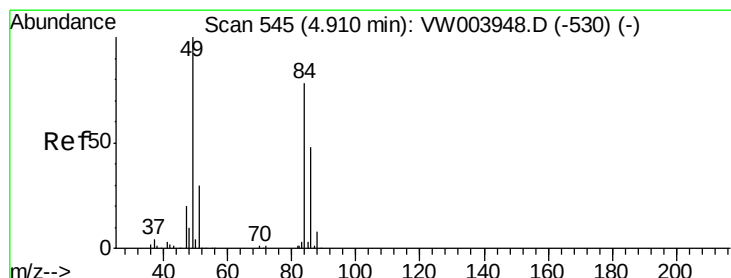
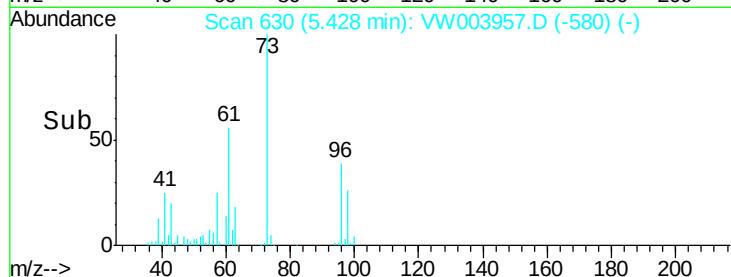
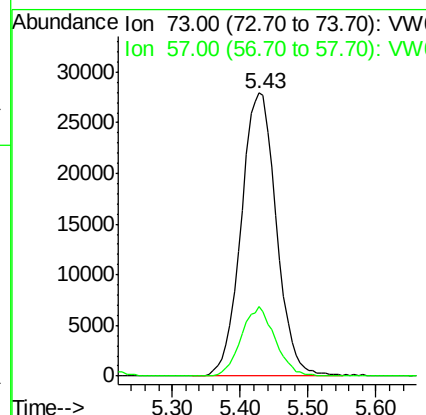
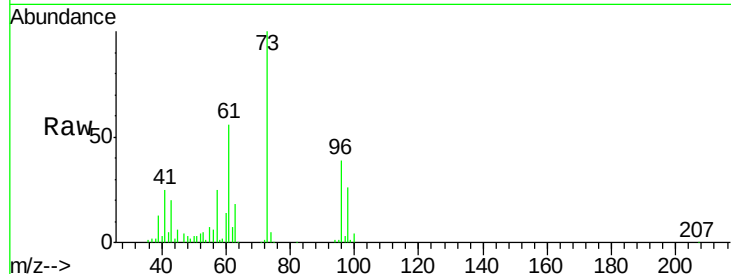
#19  
Methyl tert-butyl Ether  
Concen: 21.47 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBS01

Tot Ion: 73 Resp: 100339  
Ion Ratio Lower Upper  
73 100  
57 24.6 18.2 27.4

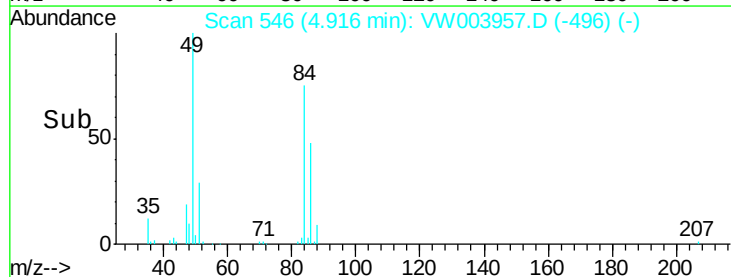
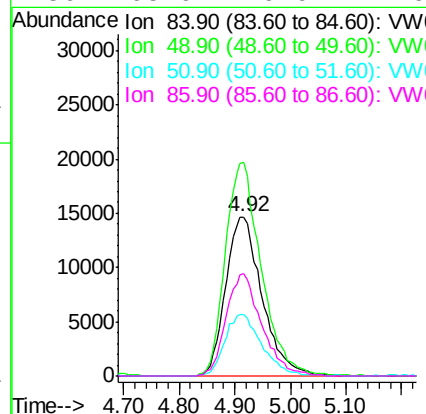
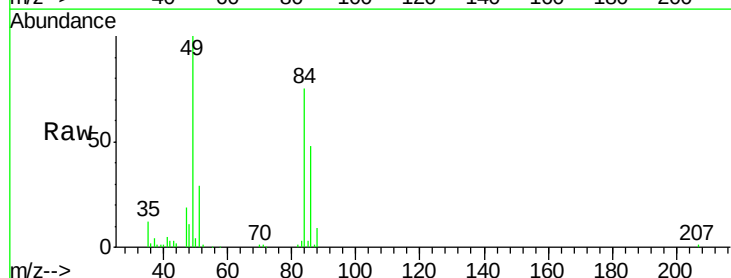
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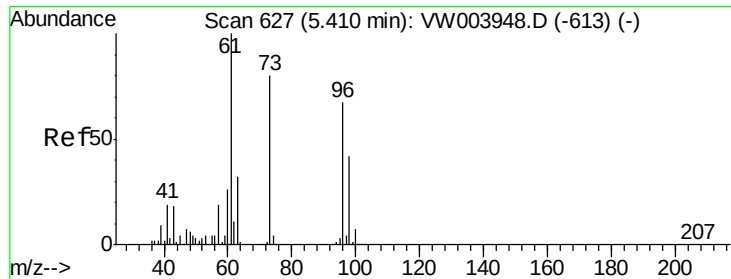
apatel  
7/17/2018 10:31:54 AM



#20  
Methylene Chloride  
Concen: 17.20 ug/l  
RT: 4.92 min Scan# 546  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Tgt Ion: 84 Resp: 66532  
Ion Ratio Lower Upper  
84 100  
49 134.0 102.9 154.3  
51 39.0 30.9 46.3  
86 63.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.32 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

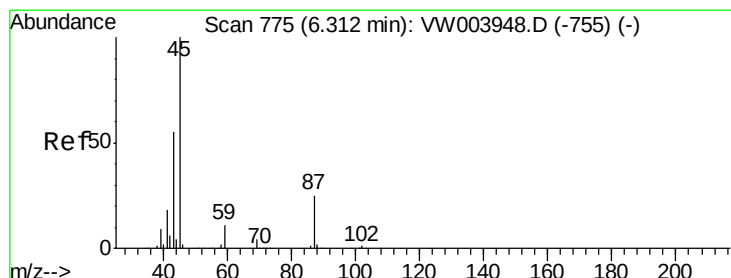
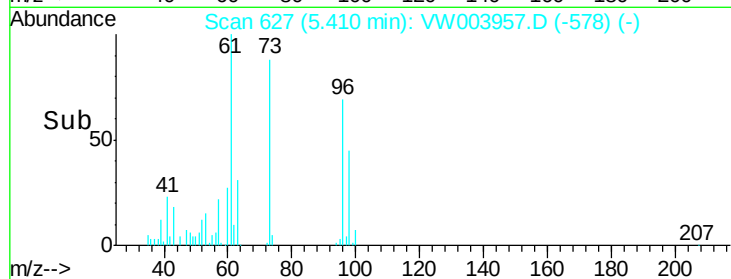
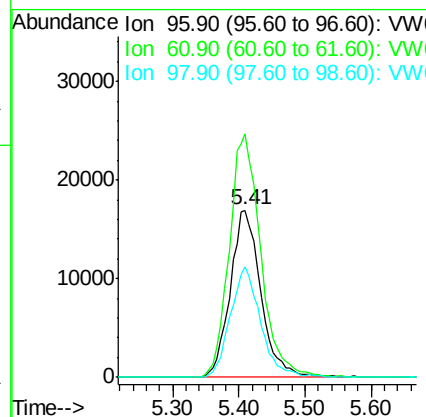
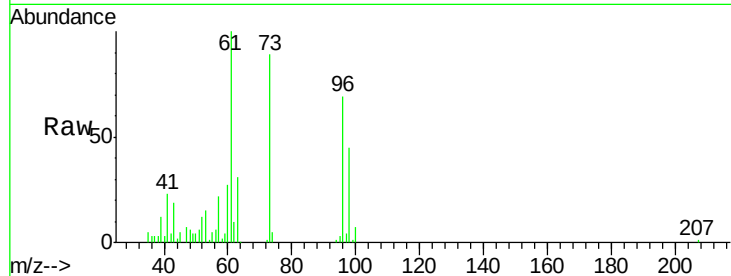
ClientSampleId :

VW0716SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 54319 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.7 | 119.0 | 178.4 |
| 98       | 65.8  | 49.9  | 74.9  |

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#22

Diisopropyl ether

Concen: 21.71 ug/l

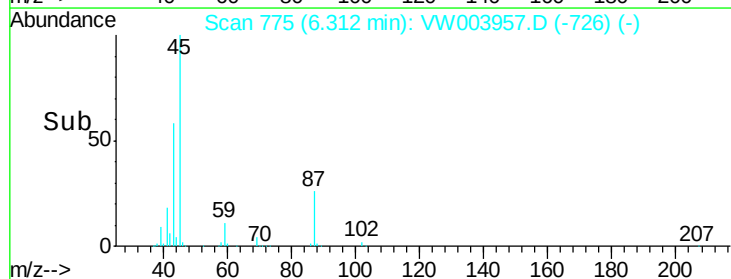
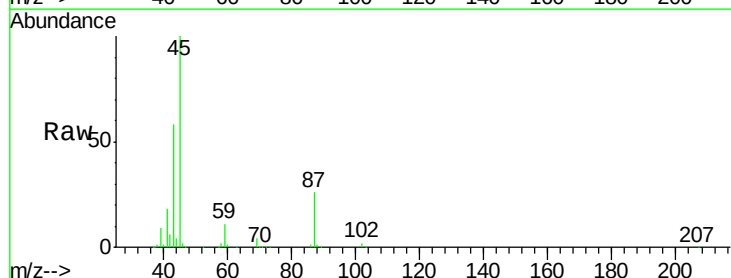
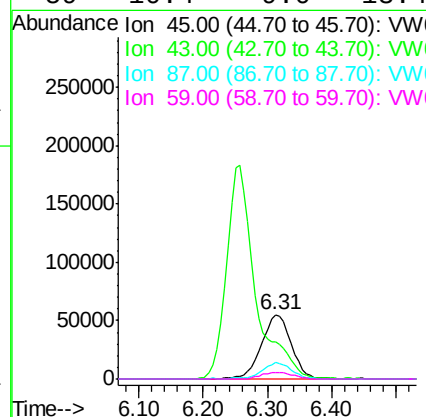
RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

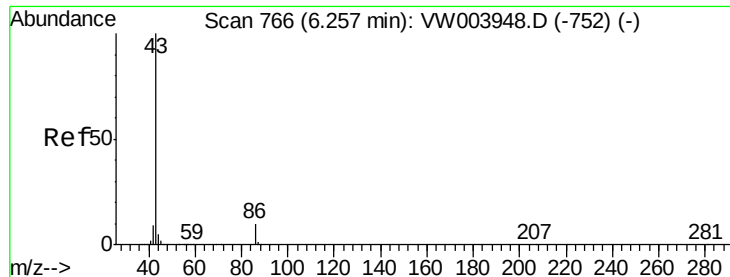
Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 176637 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.7  | 44.3  | 66.5   |
| 87       | 25.5  | 20.2  | 30.4   |
| 59       | 10.4  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 112.66 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBSD01

Tot Ion: 43 Resp: 580734

Ion Ratio Lower Upper

43 100

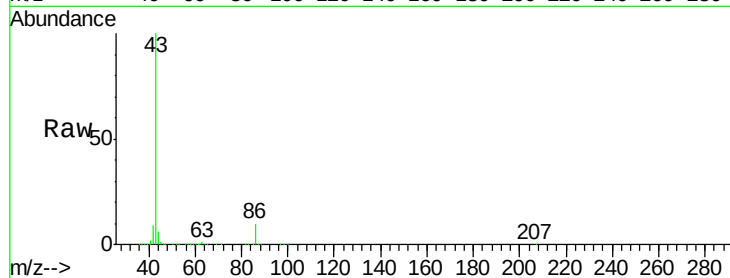
86 9.5 7.6 11.4

Manual Integrations

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apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

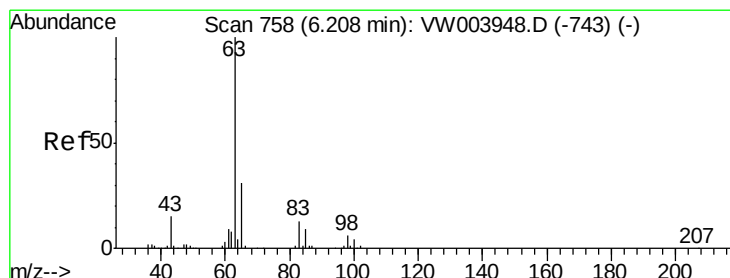
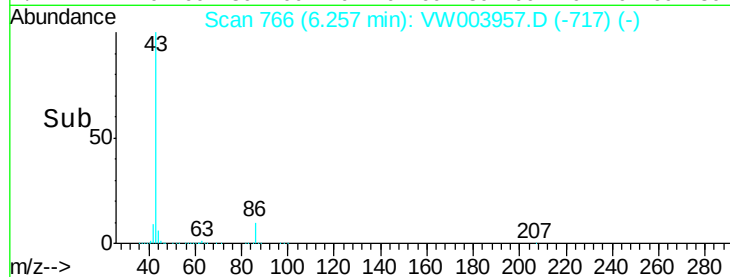
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.14 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

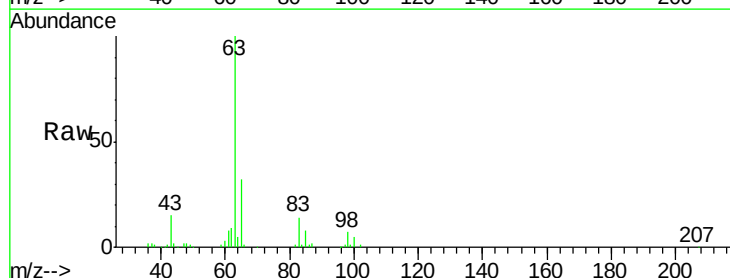
Tgt Ion: 63 Resp: 104919

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

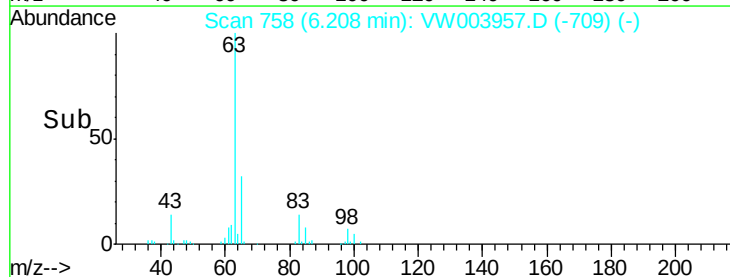
30000

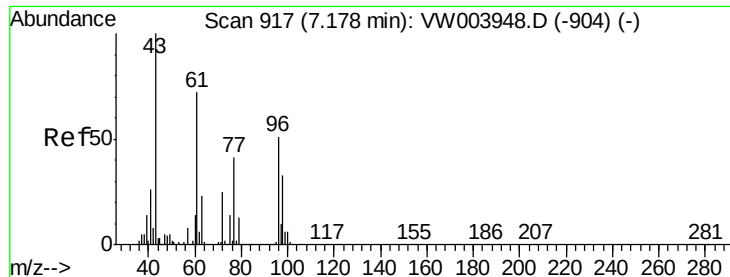
20000

10000

0

Time-->





#25

2-Butanone

Concen: 113.49 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Tot Ion: 43 Resp: 102947

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6

Instrument :

MSVOA\_W

ClientSampleId :

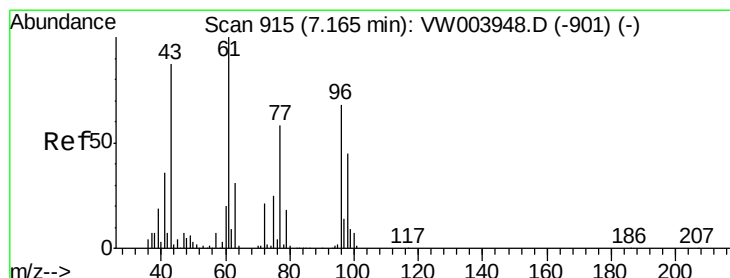
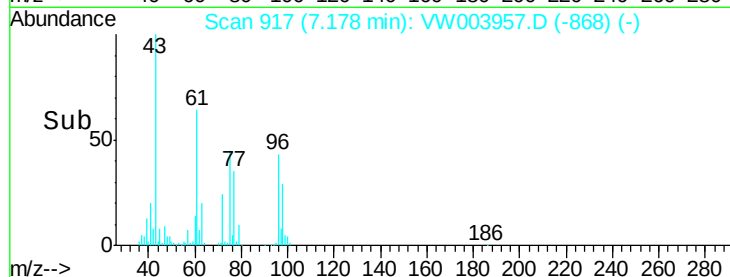
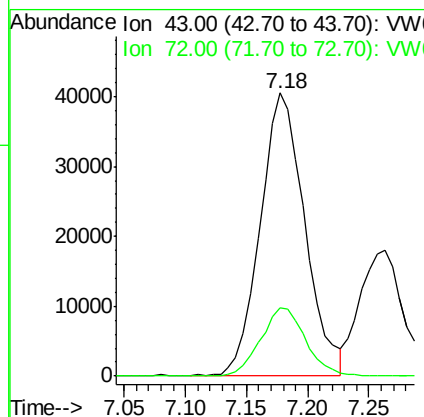
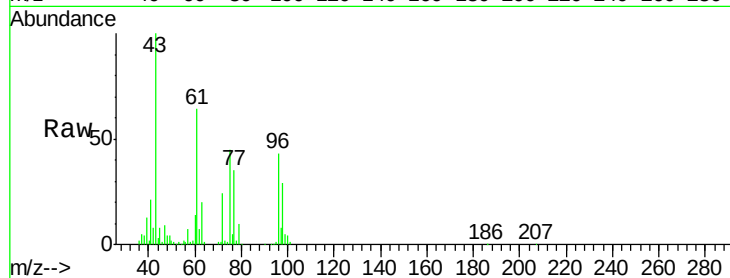
VW0716SBSD01

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#26

2,2-Dichloropropane

Concen: 19.03 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003957.D

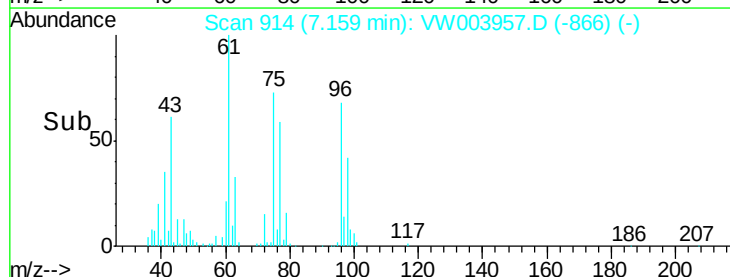
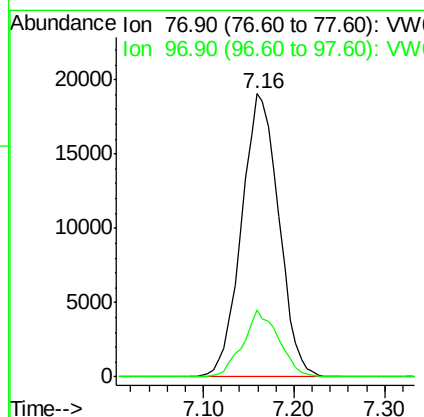
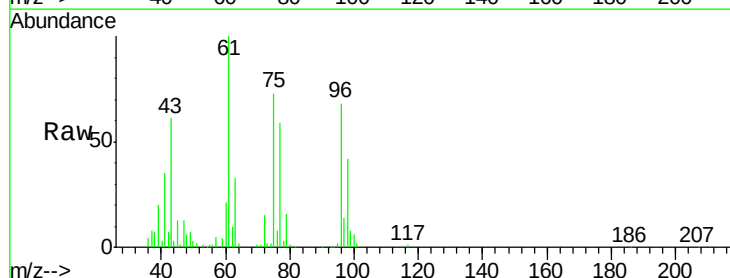
Acq: 16 Jul 2018 17:57

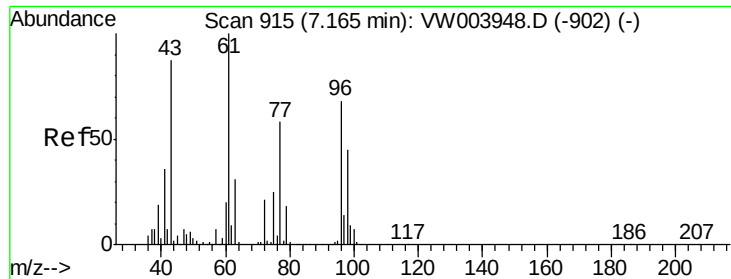
Tgt Ion: 77 Resp: 54215

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.3





#27

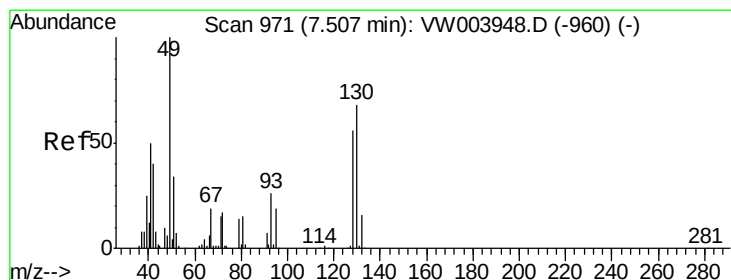
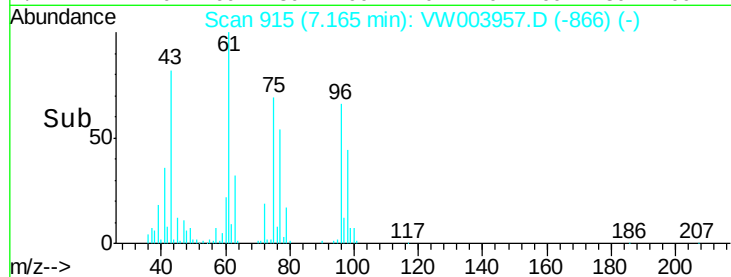
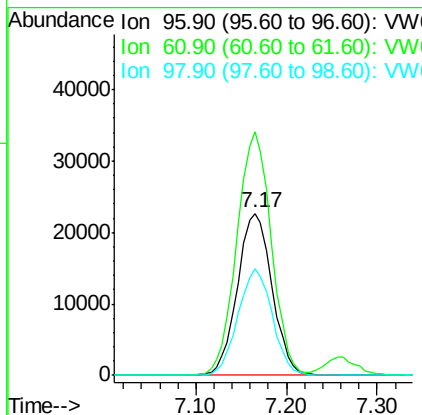
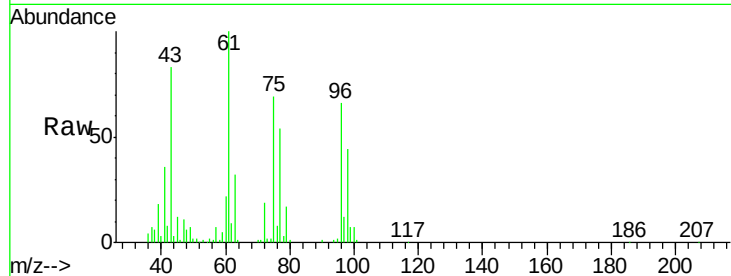
cis-1,2-Dichloroethene  
Concen: 20.77 ug/l  
RT: 7.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0716SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.6 | 0.0   | 298.6 |
| 98      | 64.9  | 0.0   | 130.4 |

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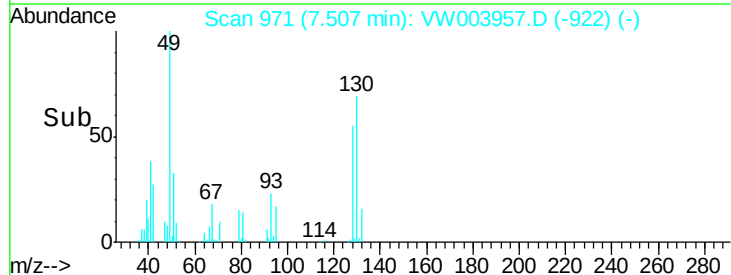
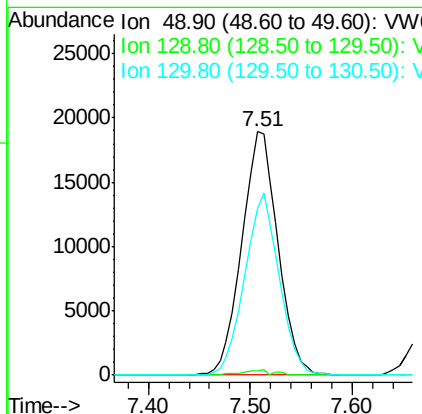
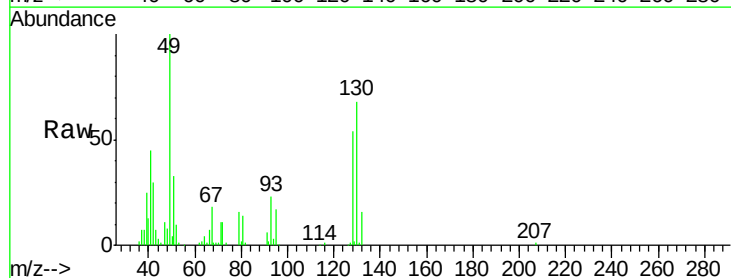
apatel  
7/17/2018 10:31:54 AM

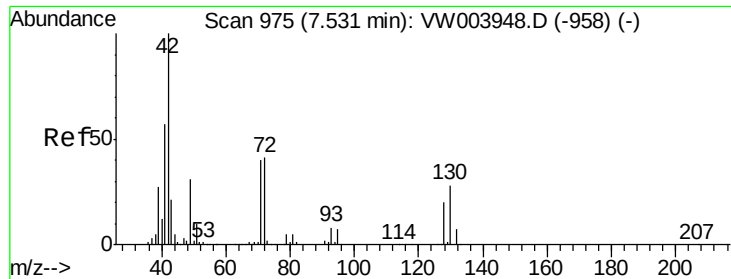


#28

Bromochloromethane  
Concen: 22.93 ug/l  
RT: 7.51 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.4   | 0.0   | 2.2   |
| 130     | 71.5  | 58.3  | 87.5  |





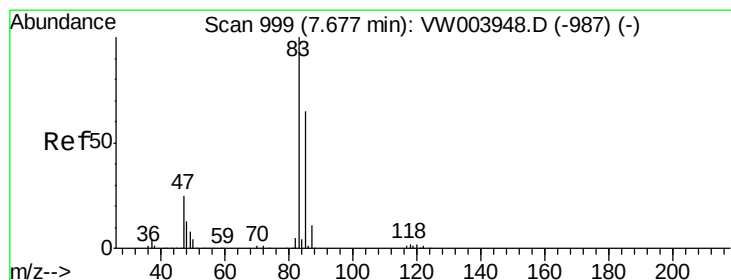
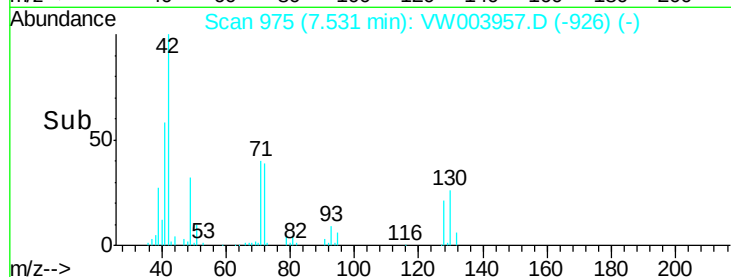
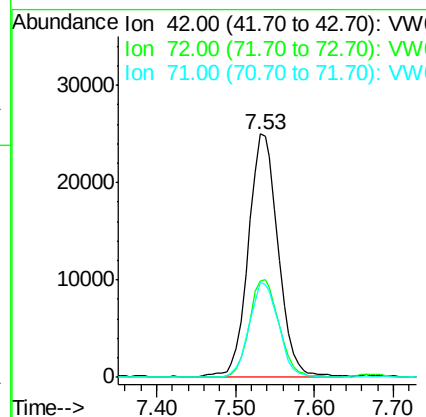
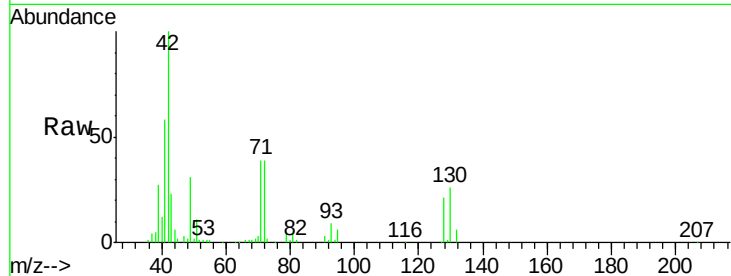
#29  
Tetrahydrofuran  
Concen: 116.54 ug/l  
RT: 7.53 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.9  | 32.6  | 48.8  |
| 71      | 38.1  | 30.5  | 45.7  |

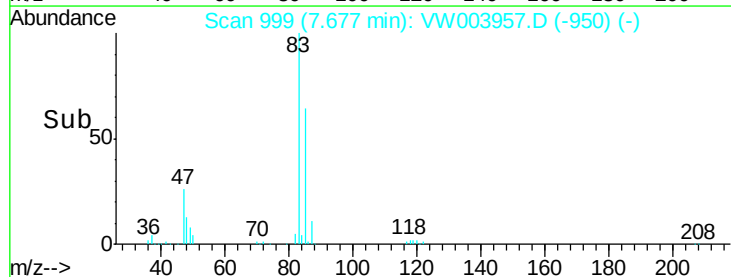
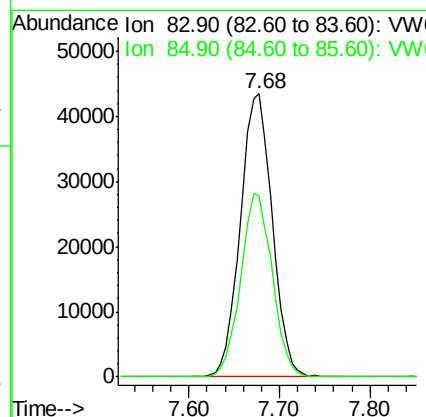
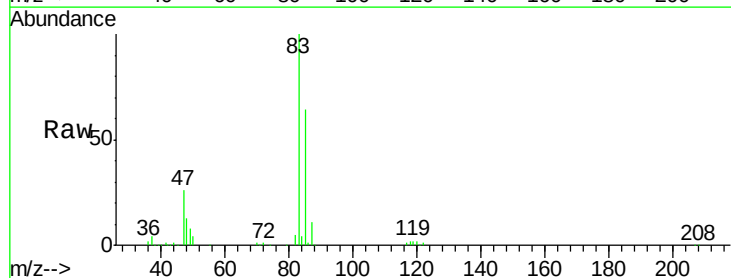
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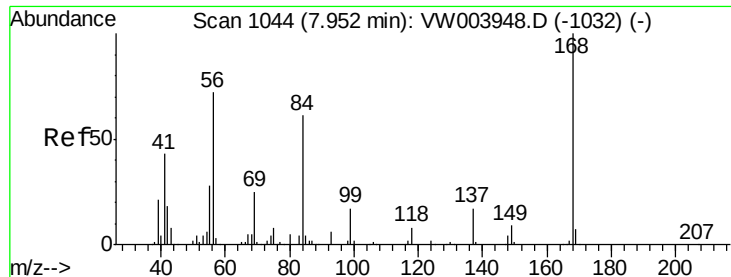
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#30  
Chloroform  
Concen: 21.48 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 52.2  | 78.4  |





#31

Cyclohexane

Concen: 20.29 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

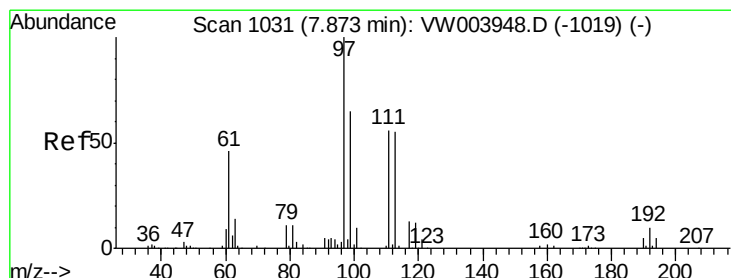
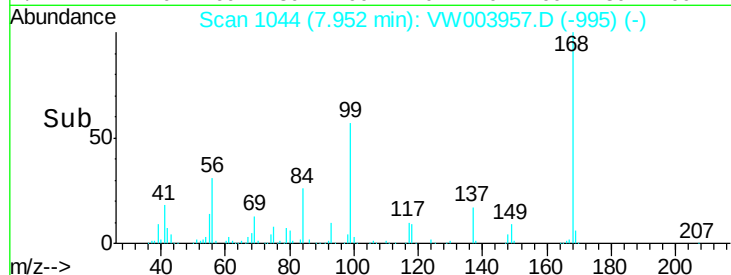
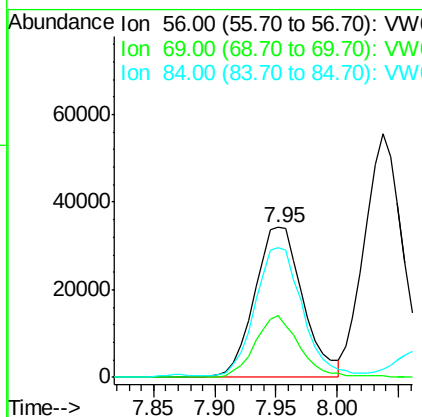
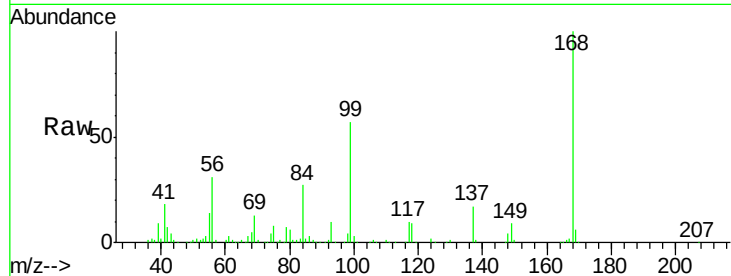
ClientSampled :

VW0716SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 94437 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 41.3  | 27.8  | 41.8  |
| 84        | 85.1  | 67.2  | 100.8 |

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#32

1,1,1-Trichloroethane

Concen: 20.13 ug/l

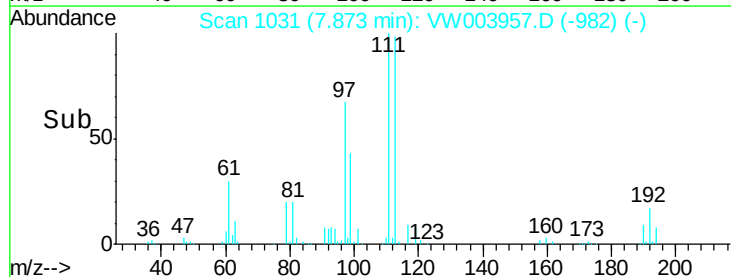
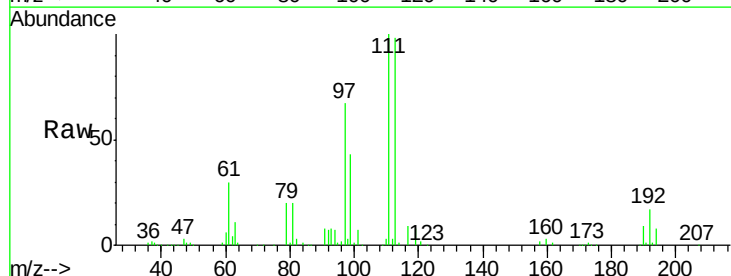
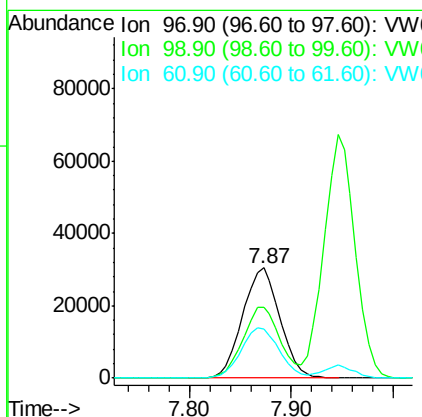
RT: 7.87 min Scan# 1031

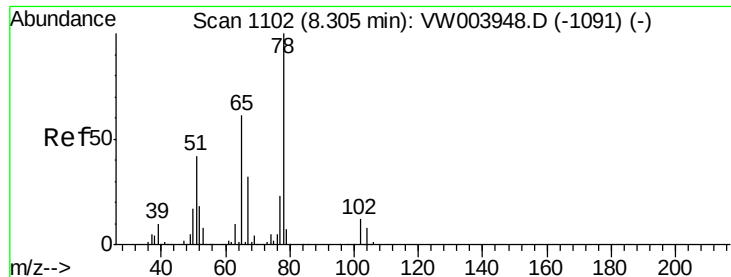
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 77619 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 65.0  | 51.3  | 76.9  |
| 61        | 46.6  | 36.8  | 55.2  |





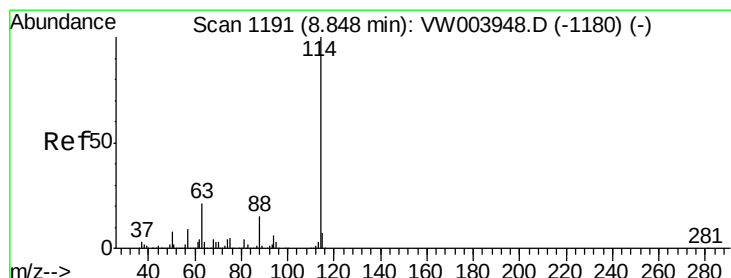
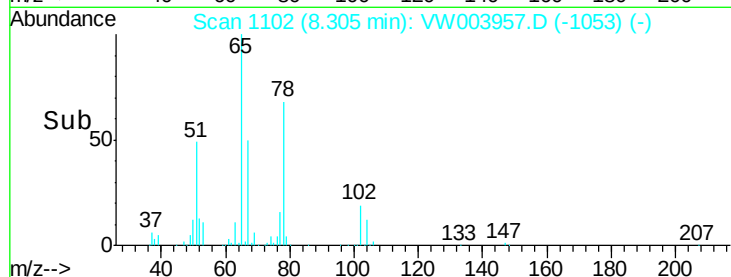
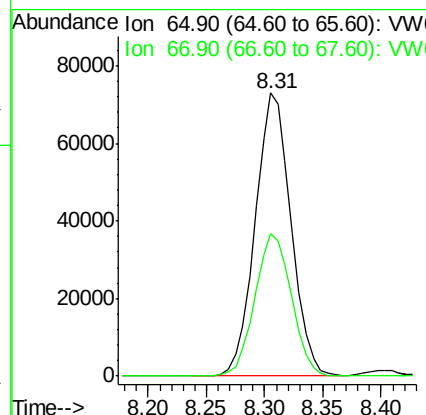
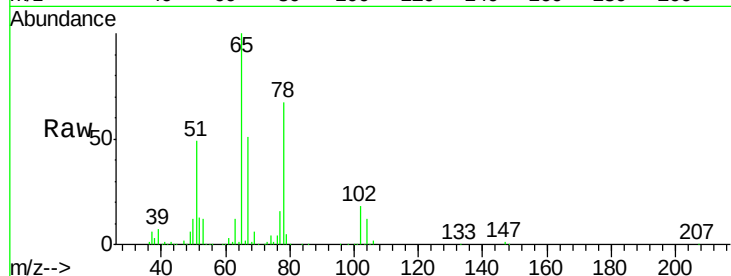
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.71 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 156277 |       |       |
| 67      | 51.6  | 0.0    | 105.0 |       |

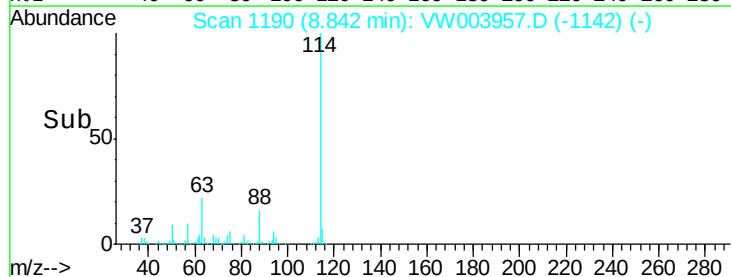
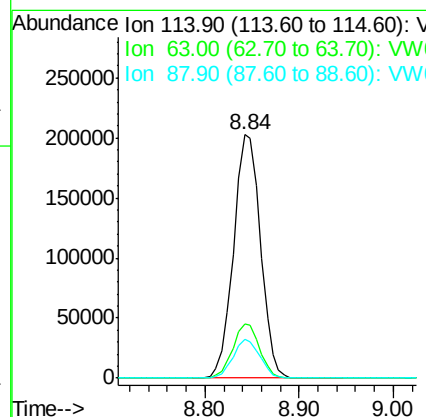
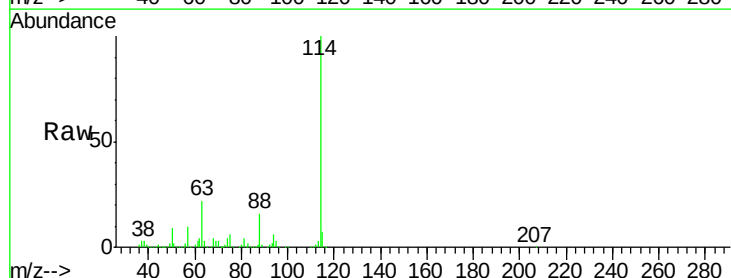
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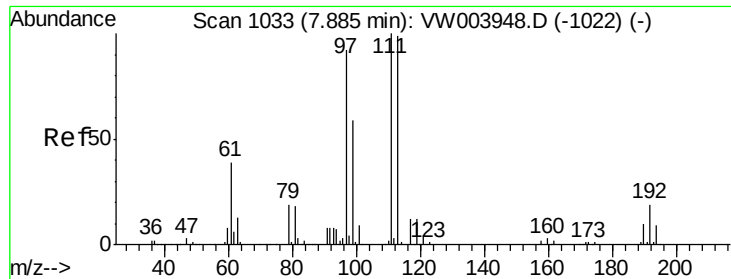
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.84 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 402518 |       |       |
| 63      | 22.2  | 0.0    | 42.8  |       |
| 88      | 15.9  | 0.0    | 30.4  |       |





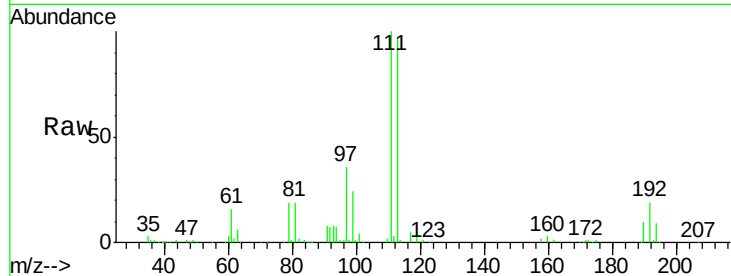
#35  
 Dibromofluoromethane  
 Concen: 51.47 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBS01

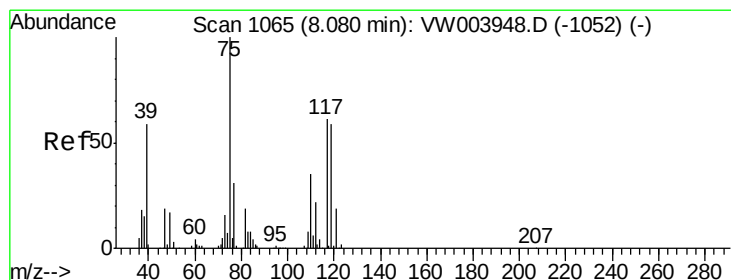
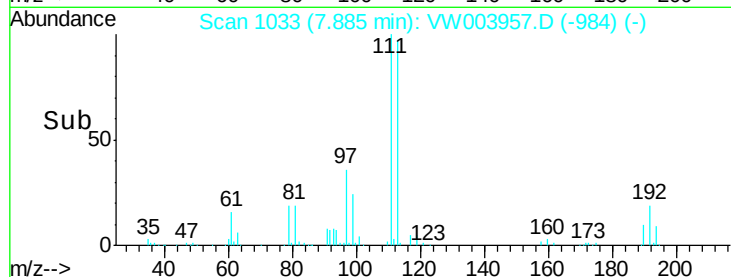
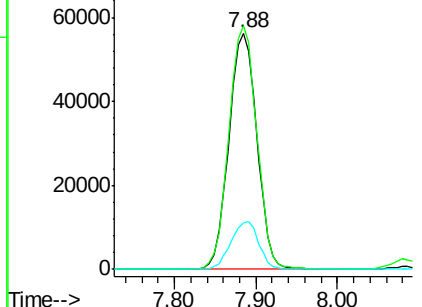
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 132930 |       |       |
| 111     | 102.7 | 81.3   | 121.9 |       |
| 192     | 20.2  | 15.8   | 23.6  |       |

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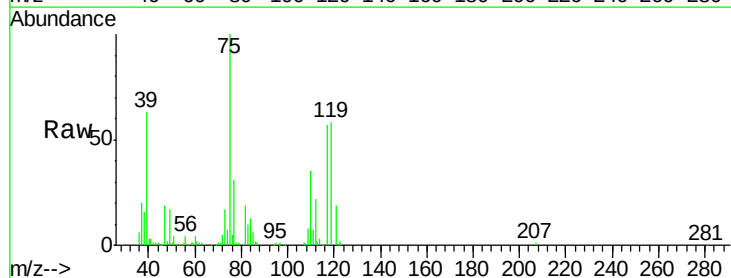


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

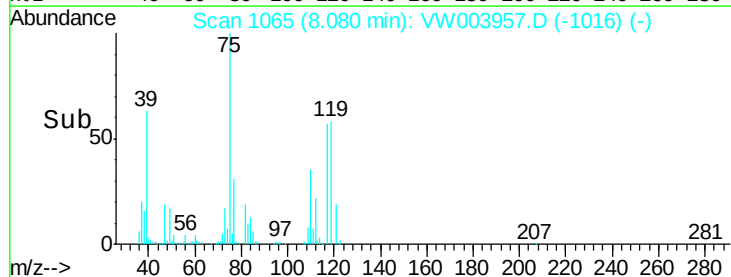
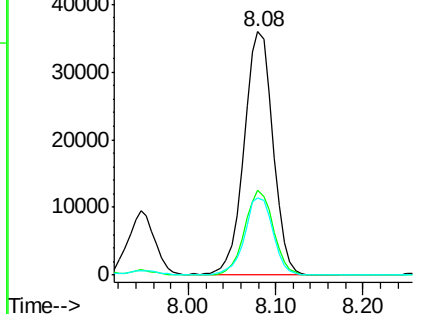


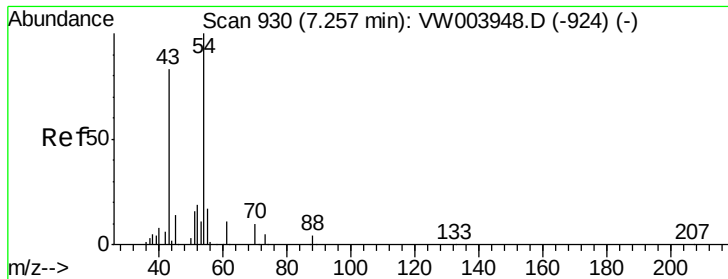
#36  
 1,1-Dichloropropene  
 Concen: 19.94 ug/l  
 RT: 8.08 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 82587 |       |       |
| 110     | 34.2  | 17.0  | 51.0  |       |
| 77      | 31.3  | 24.9  | 37.3  |       |



Abundance Ion 74.90 (74.60 to 75.60): VW  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VW





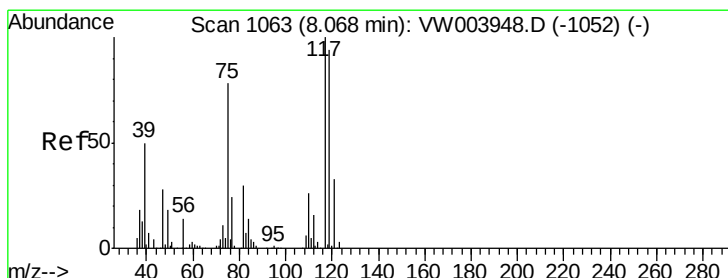
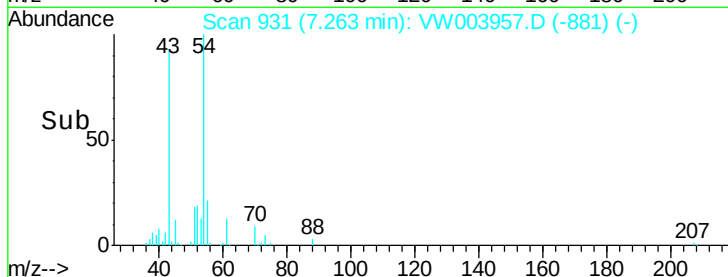
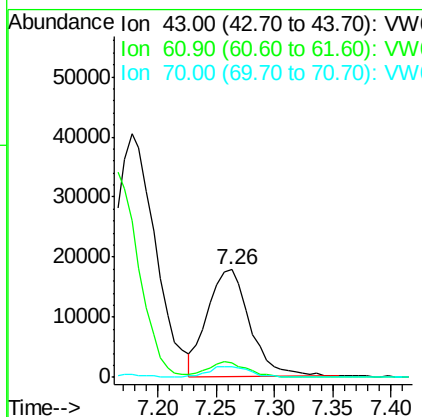
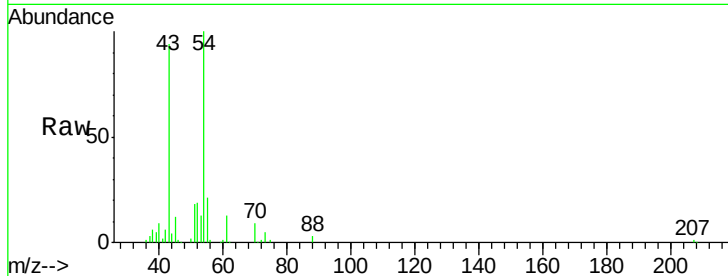
#37  
Ethyl Acetate  
Concen: 22.58 ug/l  
RT: 7.26 min Scan# 931  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0716SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.7  | 16.1  |
| 70      | 10.2  | 7.7   | 11.5  |

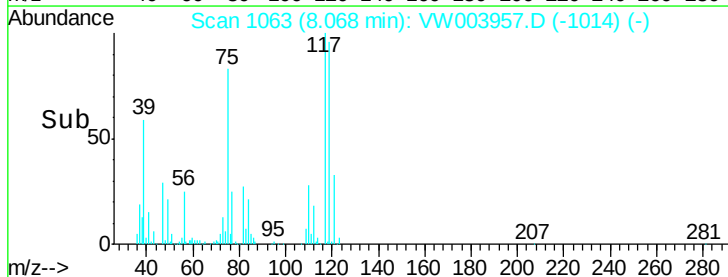
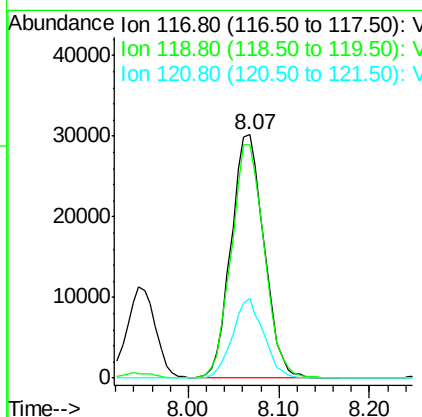
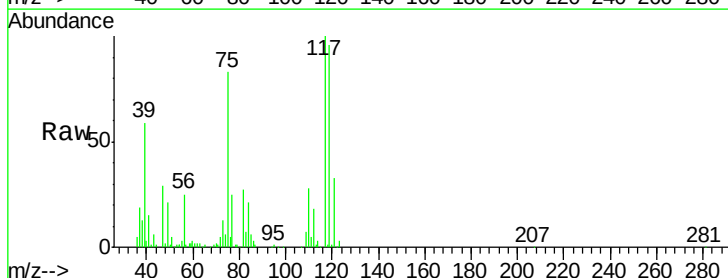
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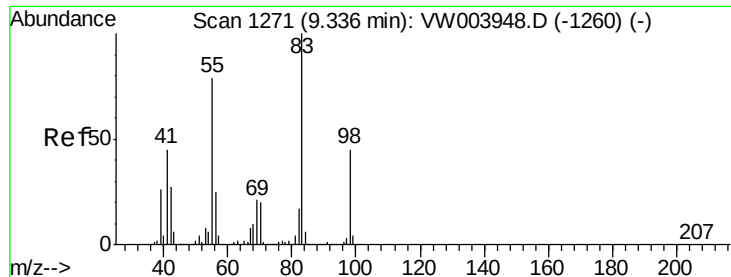


#38  
Carbon Tetrachloride  
Concen: 19.71 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 75.3  | 112.9 |
| 121     | 32.9  | 26.0  | 39.0  |







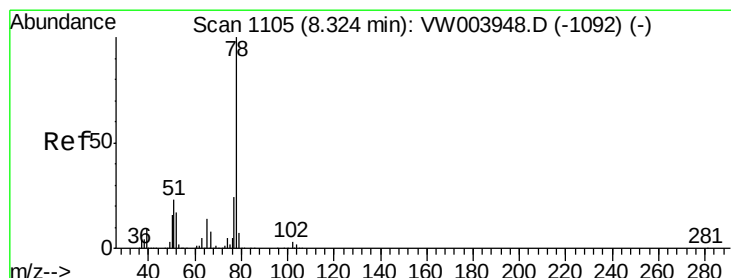
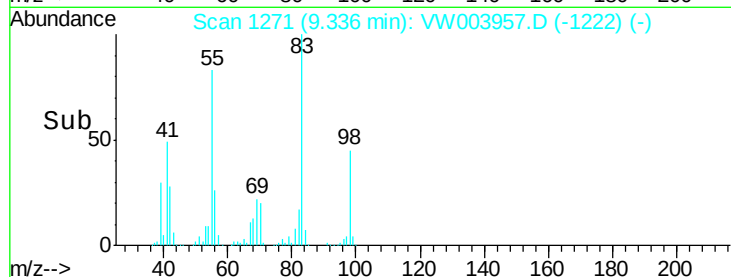
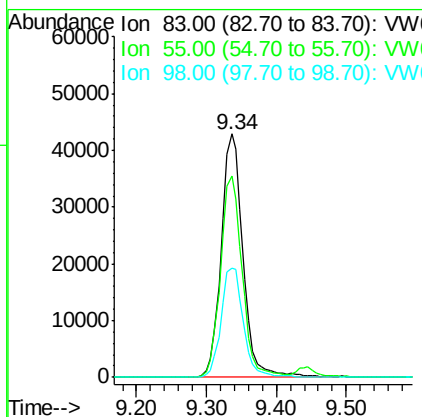
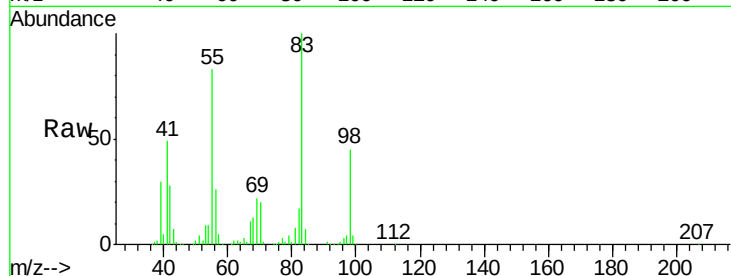
#39  
Methylvlcyclohexane  
Concen: 19.16 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 82.9  | 62.8 | 94.2  |       |
| 98      | 45.1  | 36.2 | 54.4  |       |

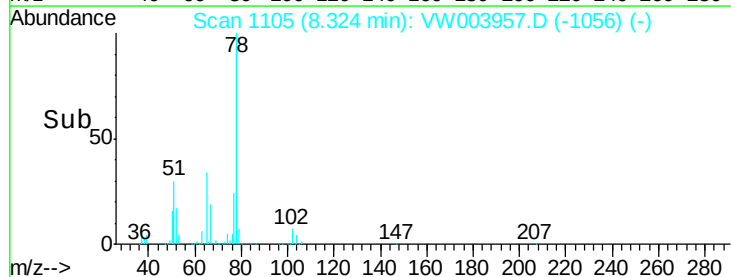
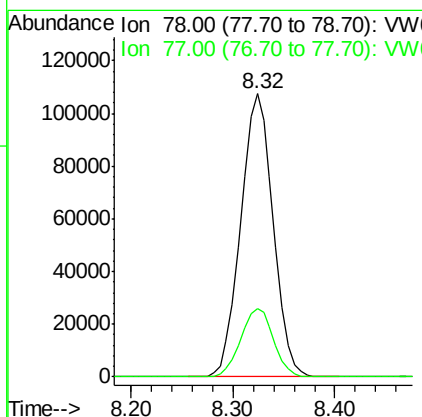
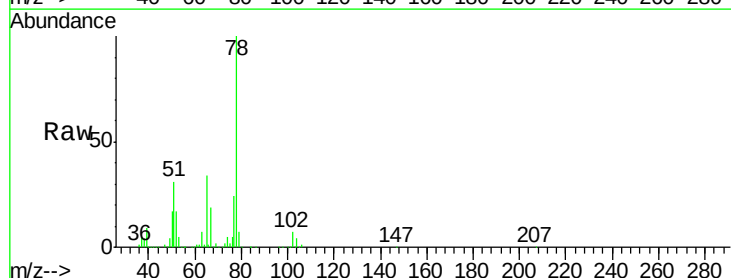
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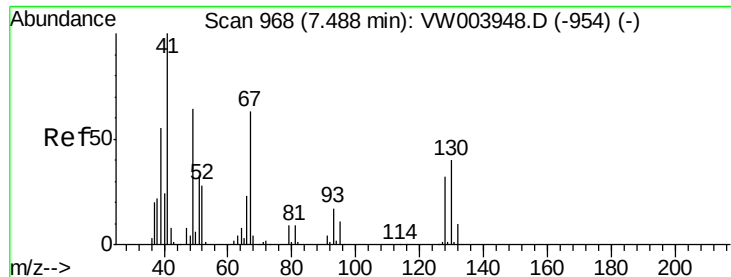
apatel  
7/17/2018 10:31:54 AM



#40  
Benzene  
Concen: 20.59 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 24.3  | 19.5 | 29.3  |       |





#41

Methacrylonitrile

Concen: 20.22 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

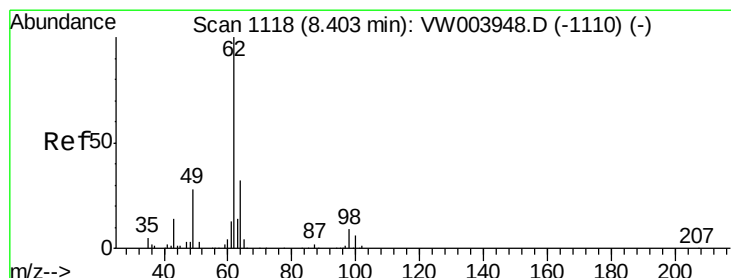
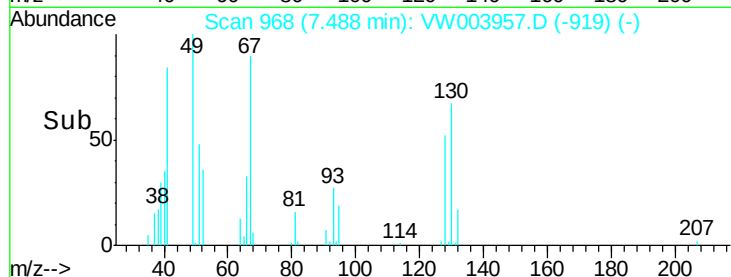
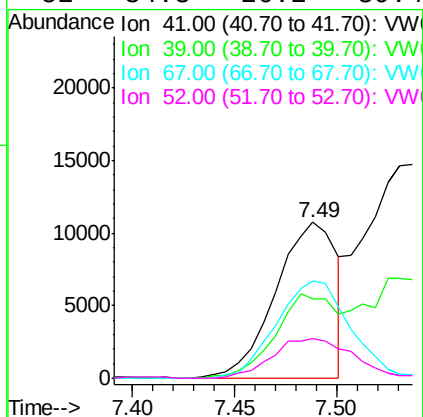
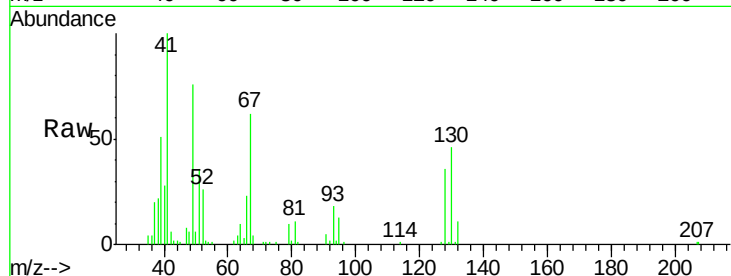
ClientSampleId :

VW0716SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 22383 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.1  | 50.0  | 75.0  |
| 67       | 75.5  | 60.8  | 91.2  |
| 52       | 34.3  | 26.2  | 39.4  |

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#42

1,2-Dichloroethane

Concen: 21.62 ug/l

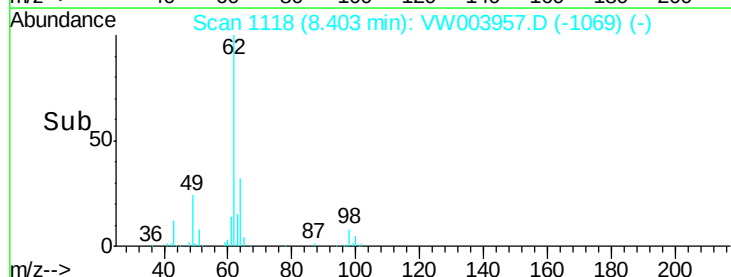
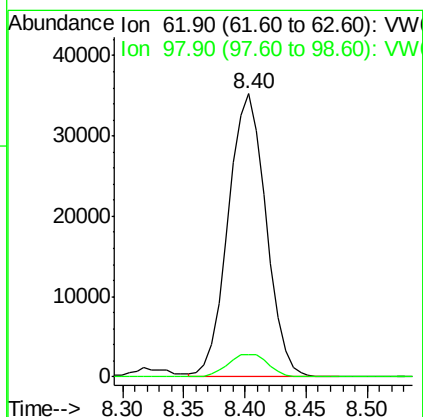
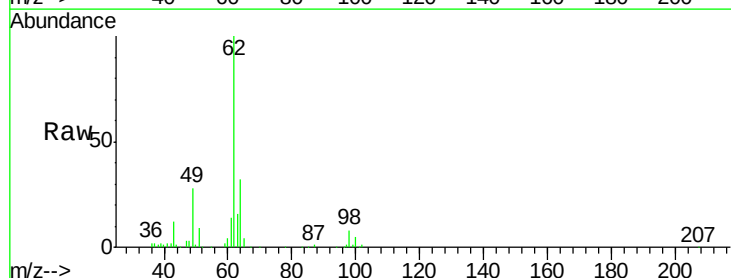
RT: 8.40 min Scan# 1118

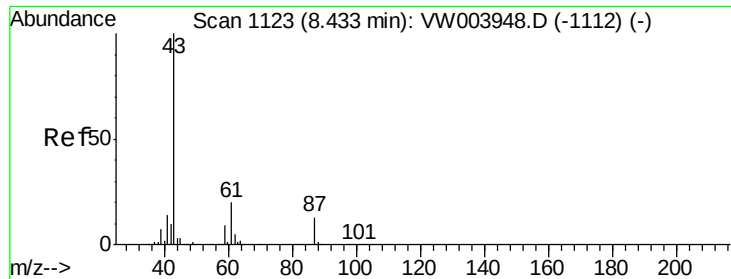
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75767 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 17.4  |





#43

Isopropyl Acetate

Concen: 22.08 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

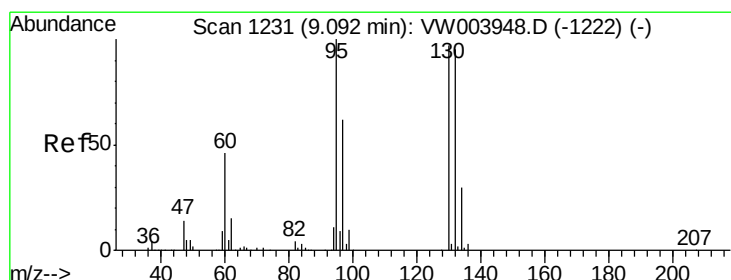
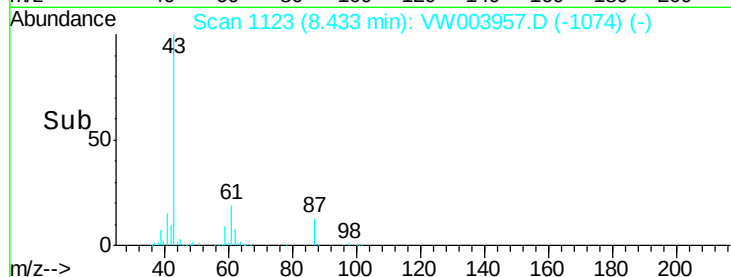
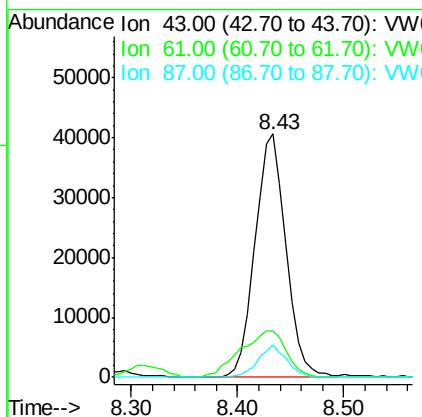
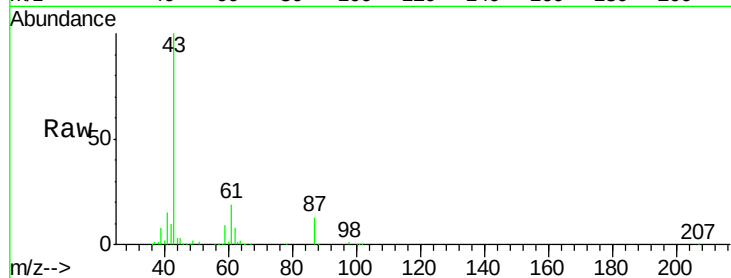
ClientSampleId :

VW0716SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 82500 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 28.5  | 23.0  | 34.6  |
| 87       | 12.2  | 9.9   | 14.9  |

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#44

Trichloroethene

Concen: 20.07 ug/l

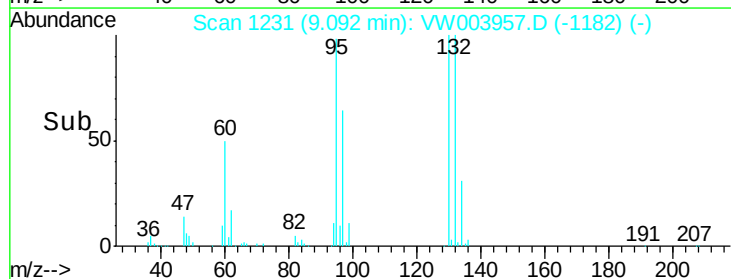
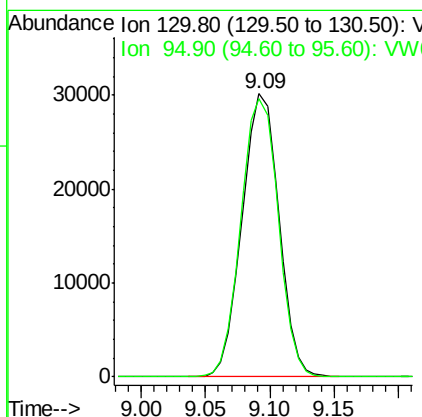
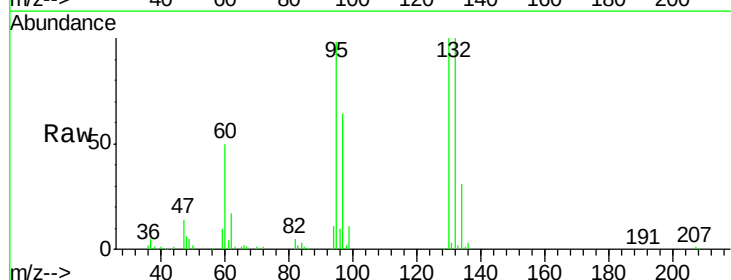
RT: 9.09 min Scan# 1231

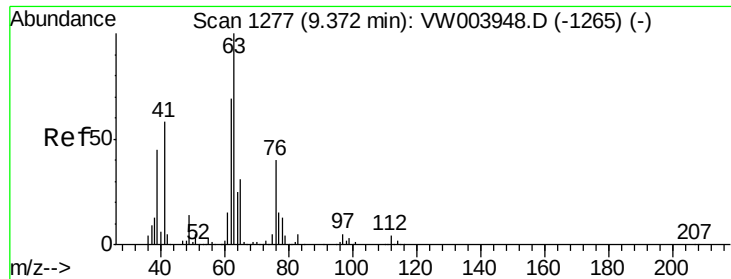
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 59781 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.4  | 0.0   | 206.8 |





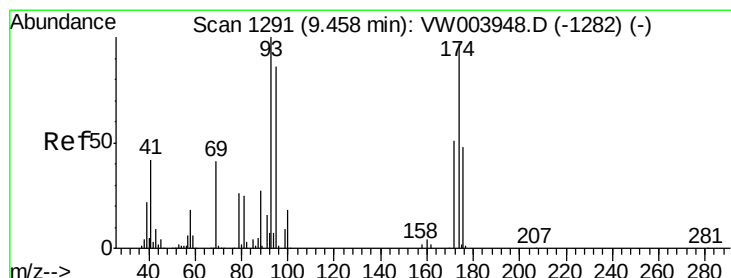
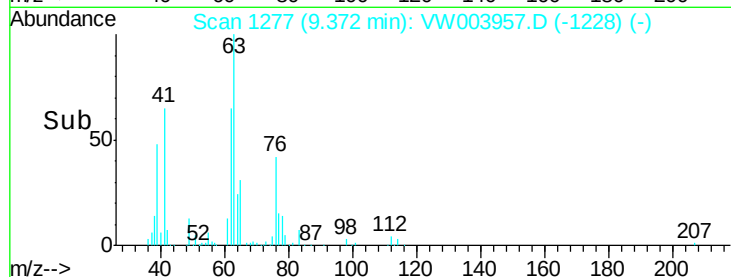
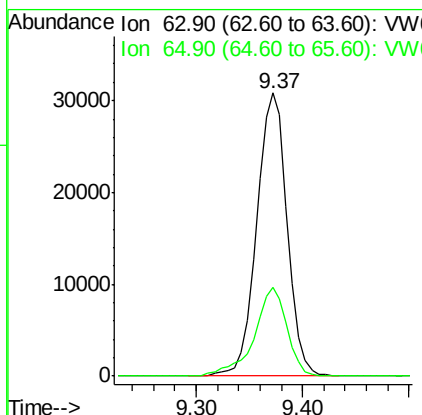
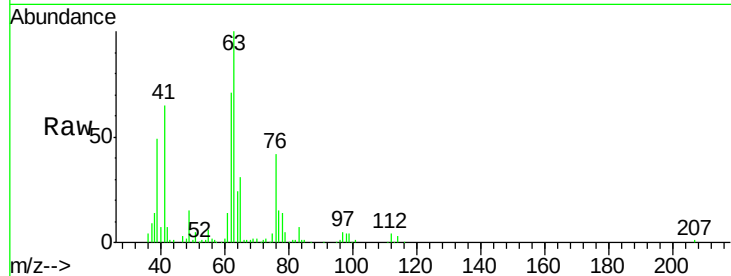
#45  
 1,2-Dichloropropane  
 Concen: 20.99 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0716SBS01

Tot Ion: 63 Resp: 61555  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 24.8 37.2

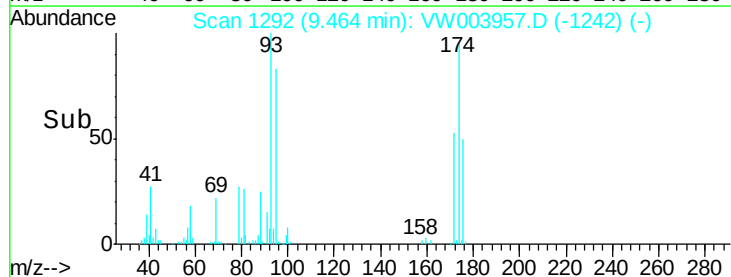
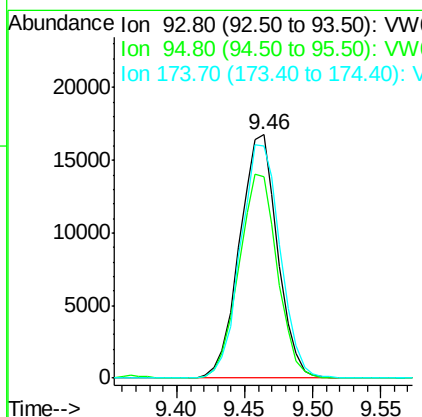
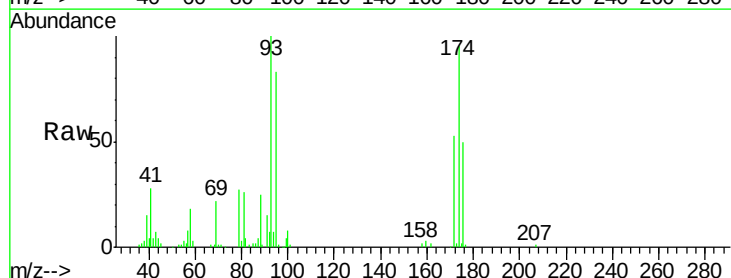
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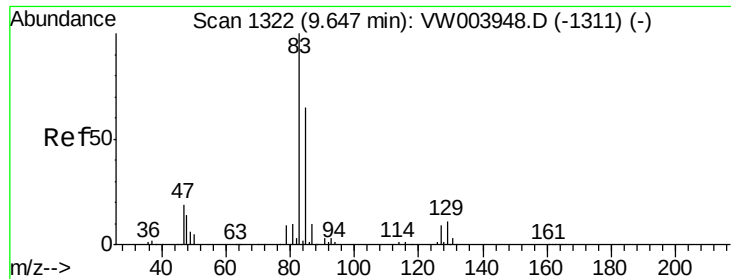
apatel  
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#46  
 Dibromomethane  
 Concen: 21.42 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. 0.01 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Tgt Ion: 93 Resp: 32600  
 Ion Ratio Lower Upper  
 93 100  
 95 84.7 66.9 100.3  
 174 100.5 80.2 120.2





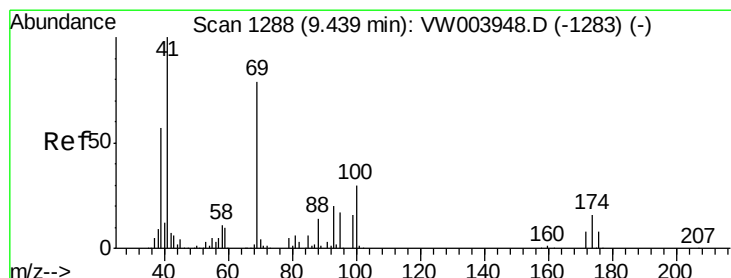
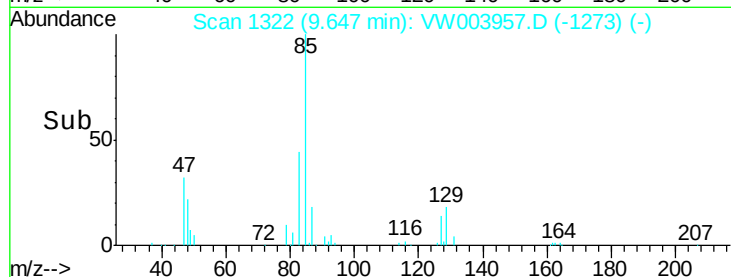
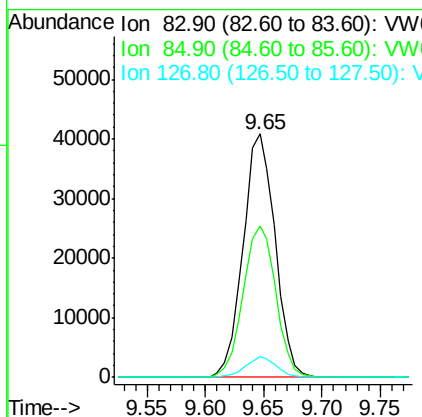
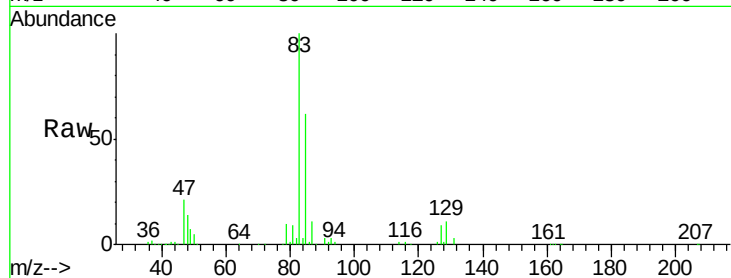
#47  
Bromodichloromethane  
Concen: 20.92 ug/l  
RT: 9.65 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0716SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.4  | 52.2  | 78.2  |
| 127     | 8.7   | 7.0   | 10.4  |

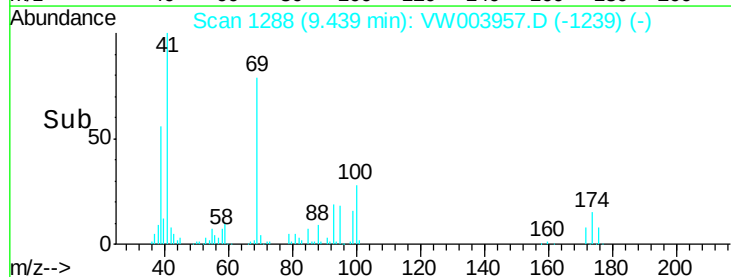
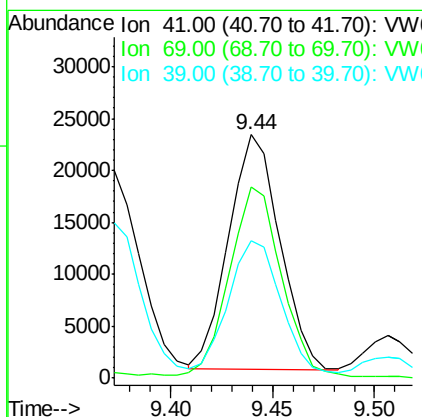
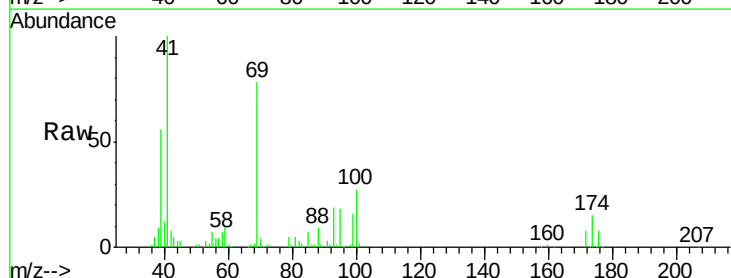
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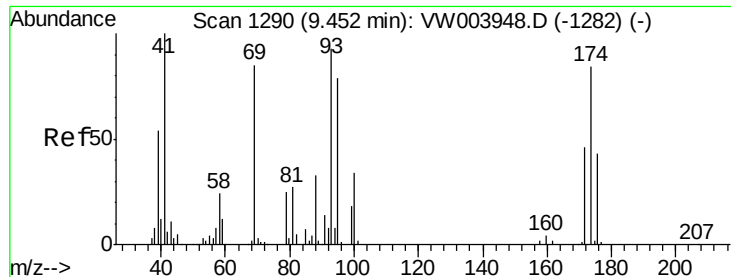
apatel  
7/17/2018 10:31:54 AM



#48  
Methyl methacrylate  
Concen: 21.85 ug/l  
RT: 9.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 82.2  | 67.0  | 100.6 |
| 39      | 62.0  | 48.8  | 73.2  |





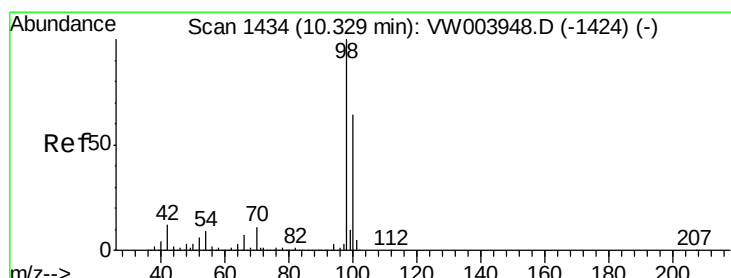
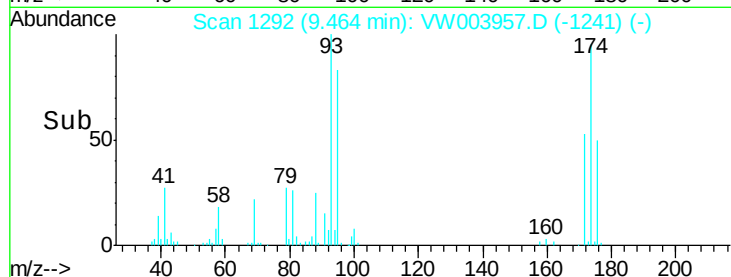
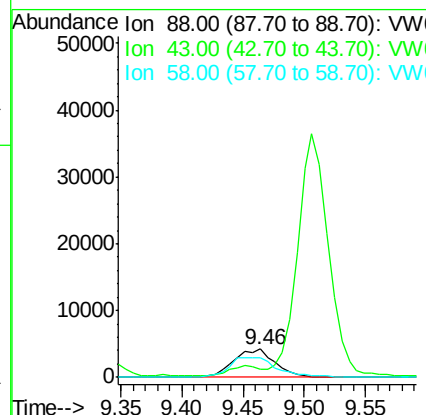
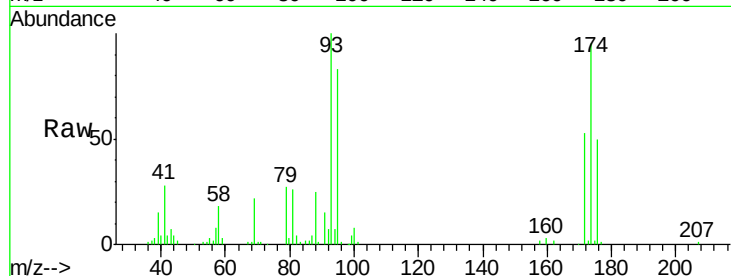
#49  
1,4-Dioxane  
Concen: 433.21 ug/l  
RT: 9.46 min Scan# 1292  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 88      | 100   |      |       |       |
| 43      | 24.3  | 27.3 | 40.9# |       |
| 58      | 81.6  | 61.1 | 91.7  |       |

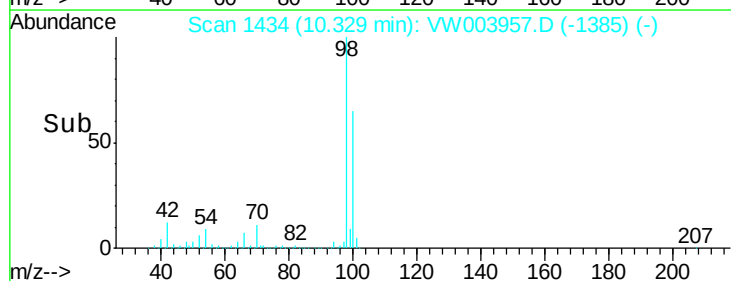
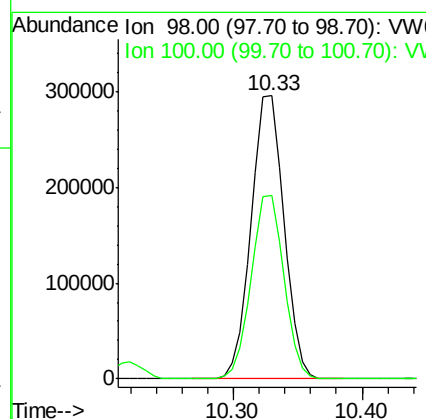
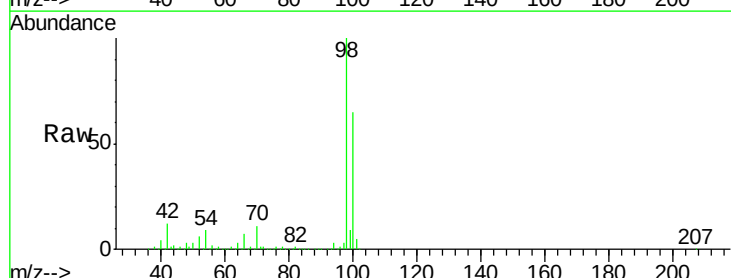
Manual Integrations  
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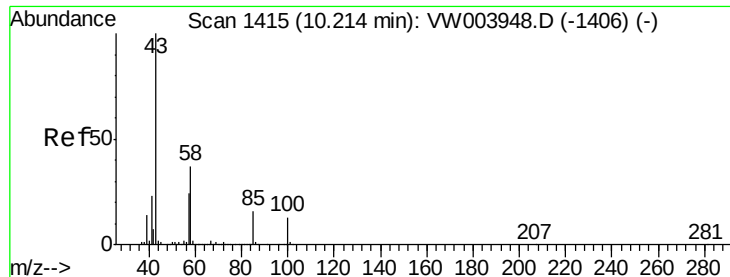
apatel  
7/17/2018 10:31:54 AM



#50  
Toluene-d8  
Concen: 52.03 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 98      | 100   |      |       |       |
| 100     | 64.3  | 51.2 | 76.8  |       |





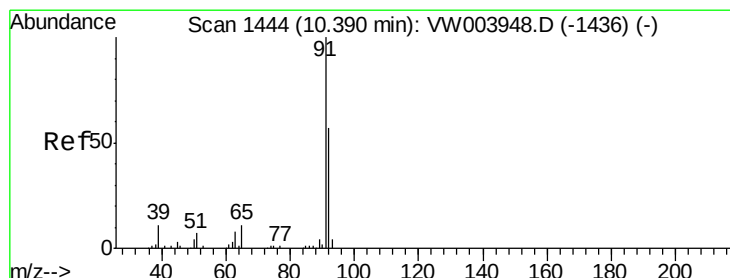
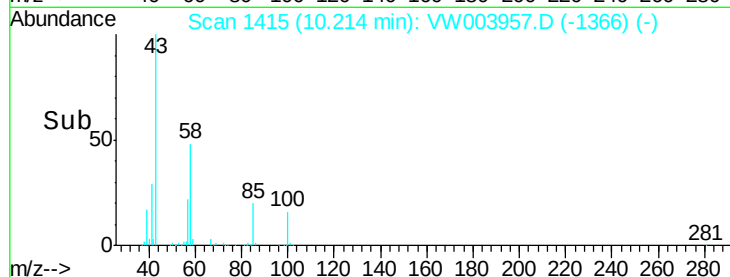
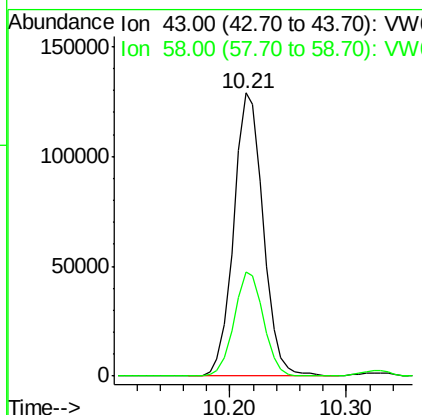
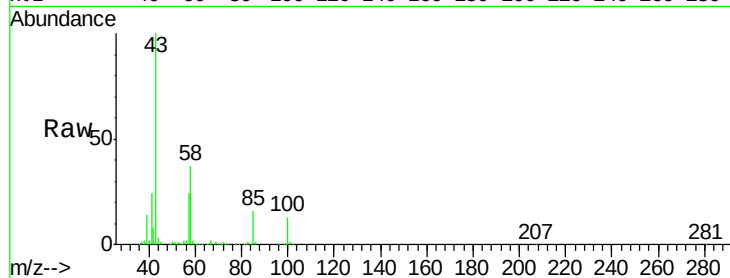
#51  
4-Methyl-2-Pentanone  
Concen: 114.15 ug/l  
RT: 10.21 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 36.8  | 29.9  | 44.9  |

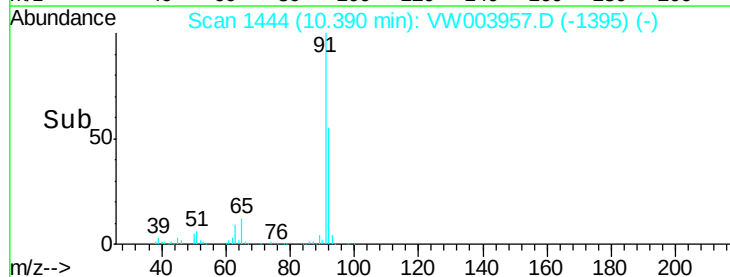
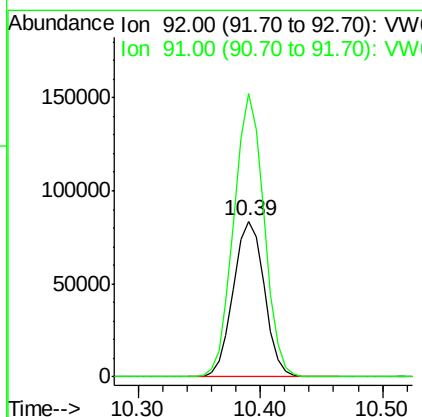
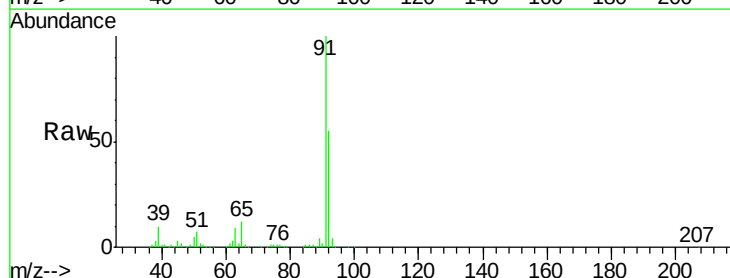
Manual Integrations  
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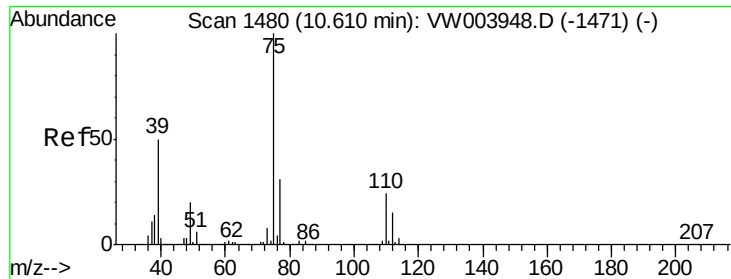
apatel  
7/17/2018 10:31:54 AM



#52  
Toluene  
Concen: 20.67 ug/l  
RT: 10.39 min Scan# 1444  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 176.9 | 139.6 | 209.4 |





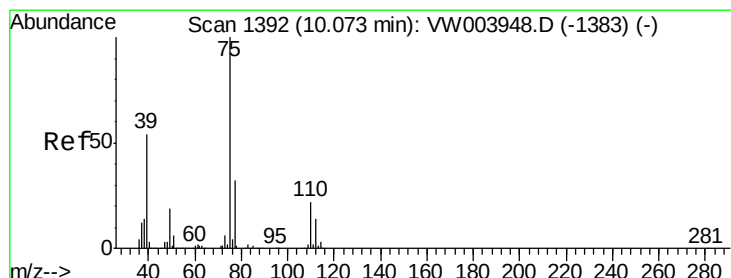
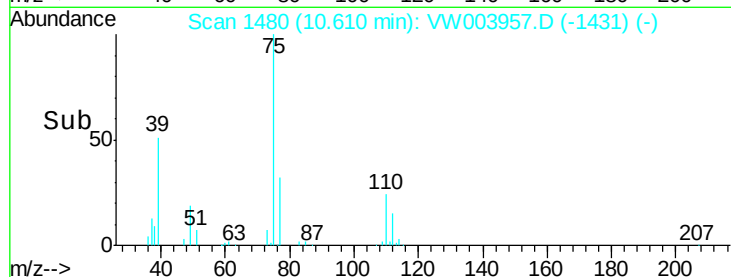
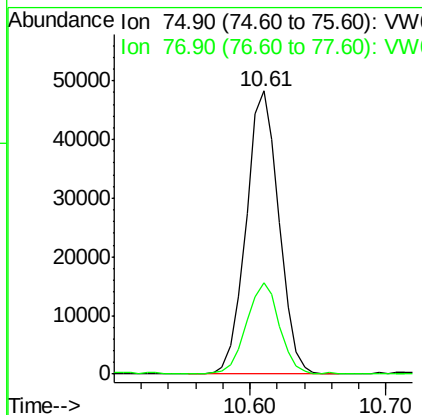
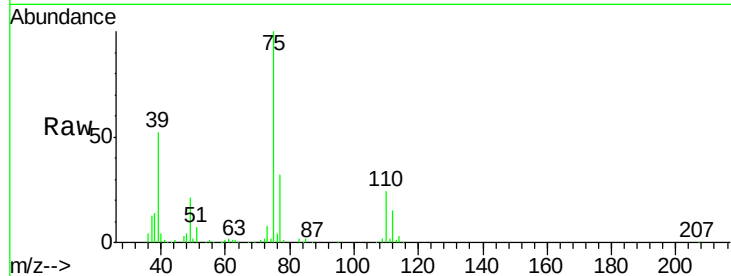
#53  
t-1,3-Dichloropropene  
Concen: 20.74 ug/l  
RT: 10.61 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.0  | 25.2  | 37.8  |

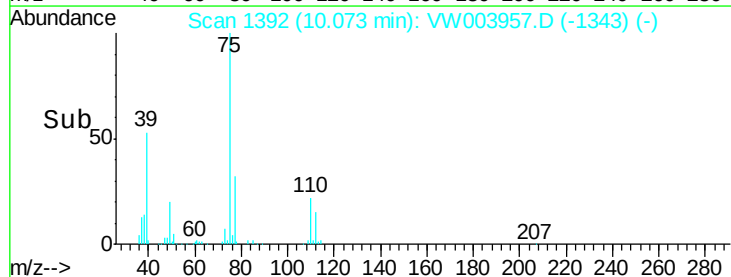
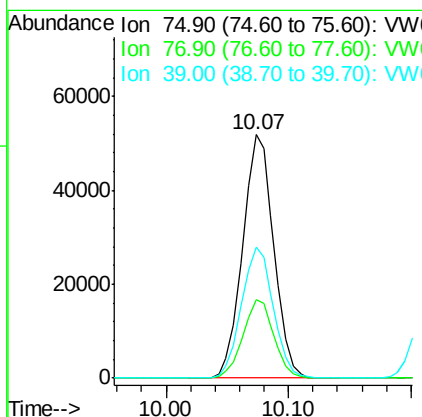
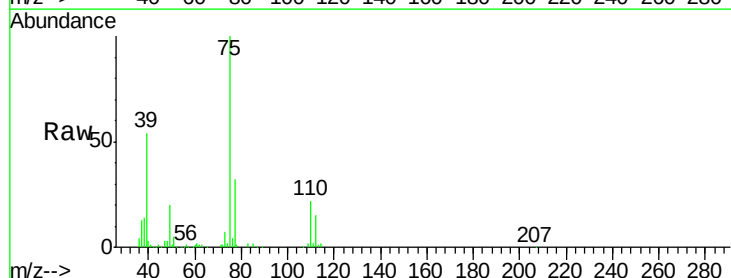
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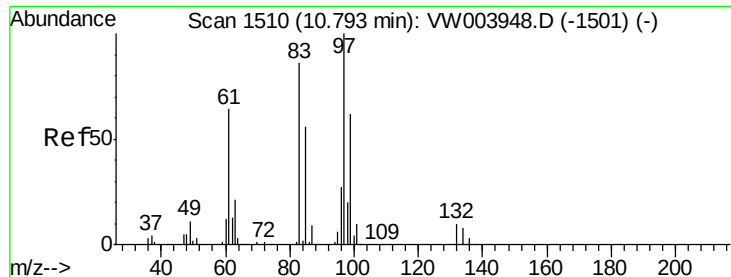


#54  
cis-1,3-Dichloropropene  
Concen: 20.30 ug/l  
RT: 10.07 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.4  | 25.4  | 38.2  |
| 39      | 53.7  | 43.0  | 64.6  |







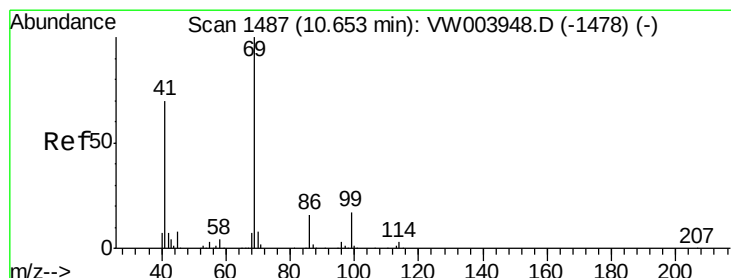
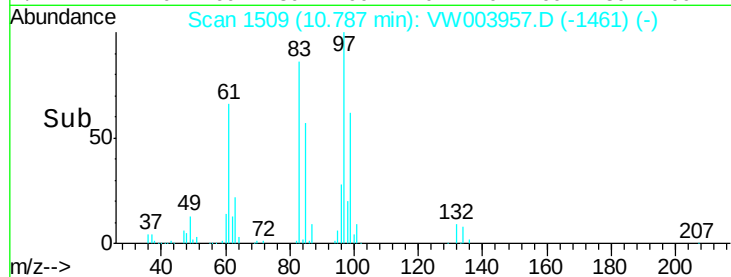
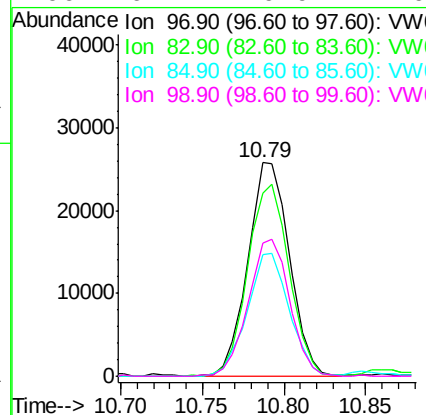
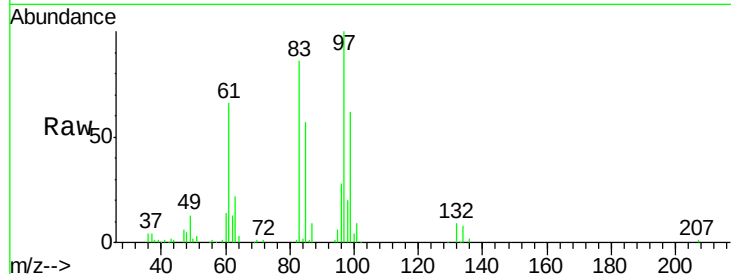
#55  
 1,1,2-Trichloroethane  
 Concen: 21.45 ug/l  
 RT: 10.79 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 45901 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 69.0  | 103.4 |
| 85       | 56.9  | 45.0  | 67.6  |
| 99       | 62.4  | 49.9  | 74.9  |

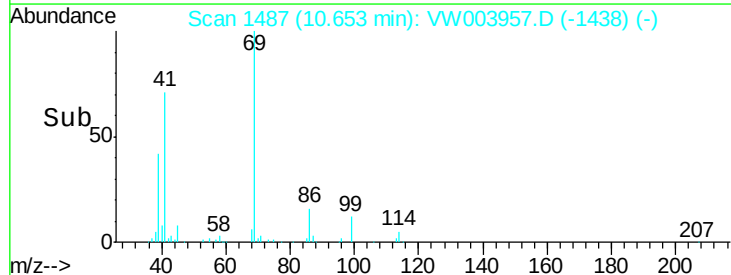
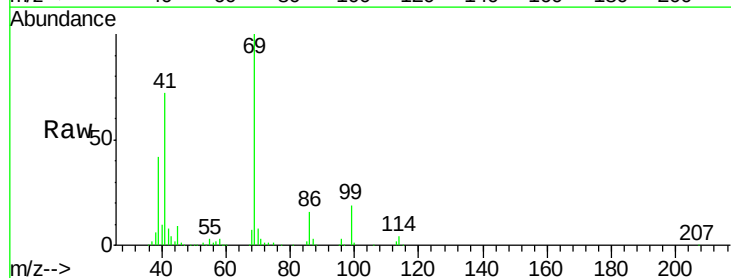
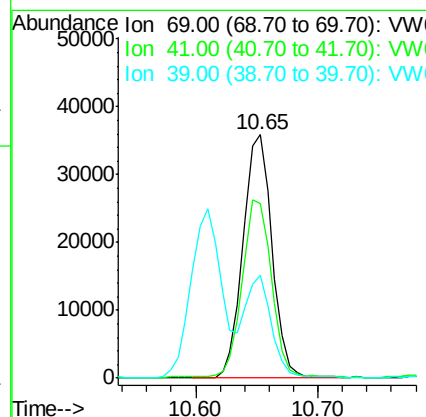
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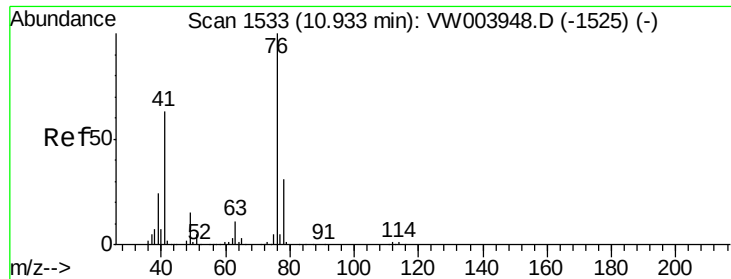
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 21.05 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 58899 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.7  | 56.5  | 84.7  |
| 39       | 37.1  | 30.2  | 45.4  |





#57

1,3-Dichloropropane

Concen: 21.79 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampleId :

VW0716SBS01

Tot Ion: 76 Resp: 81035

Ion Ratio Lower Upper

76 100

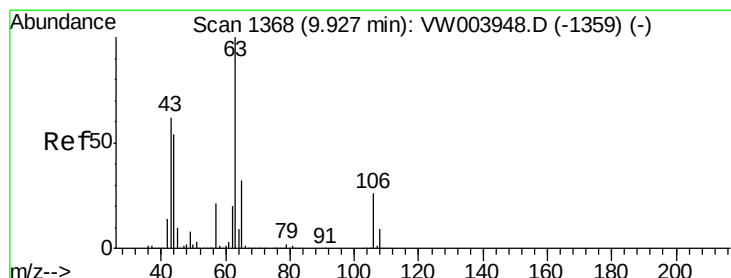
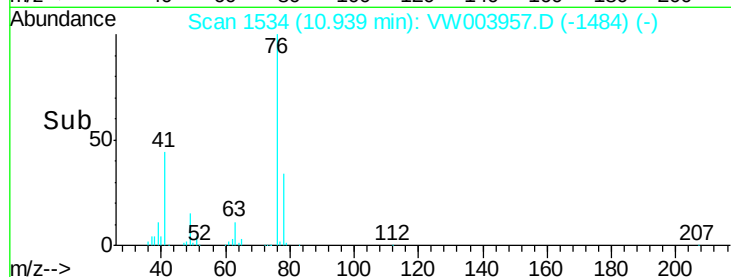
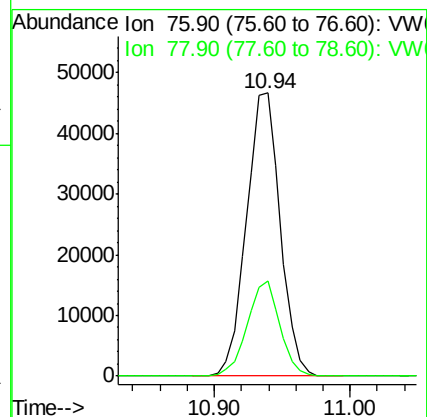
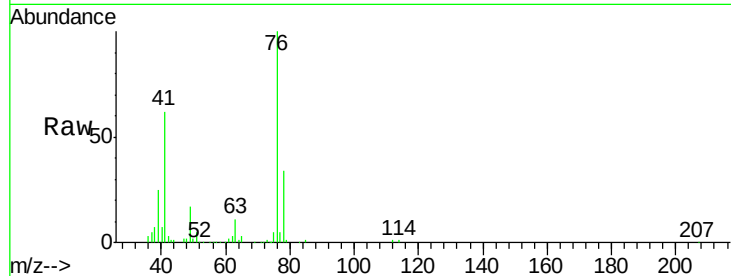
78 32.4 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 115.34 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003957.D

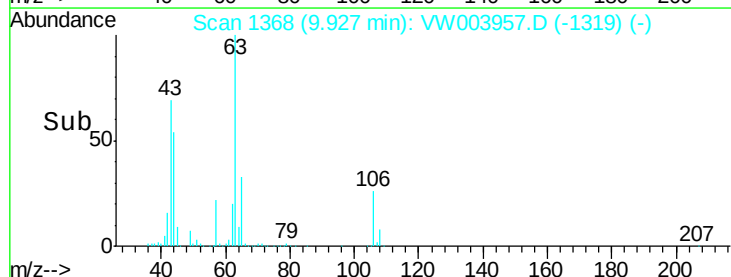
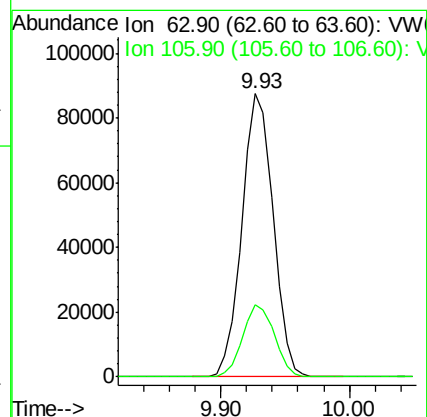
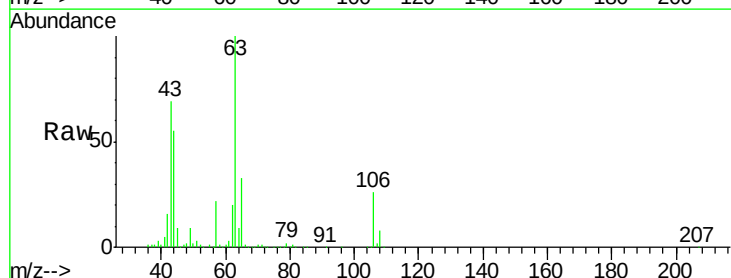
Acq: 16 Jul 2018 17:57

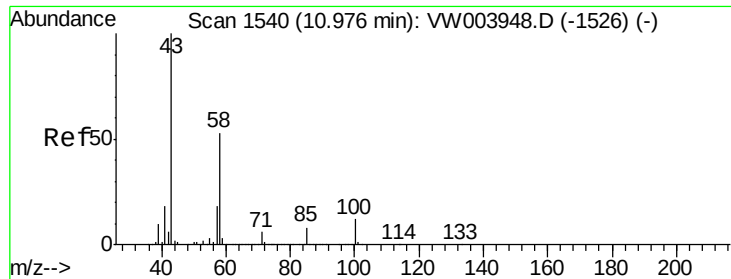
Tgt Ion: 63 Resp: 146435

Ion Ratio Lower Upper

63 100

106 25.9 21.2 31.8





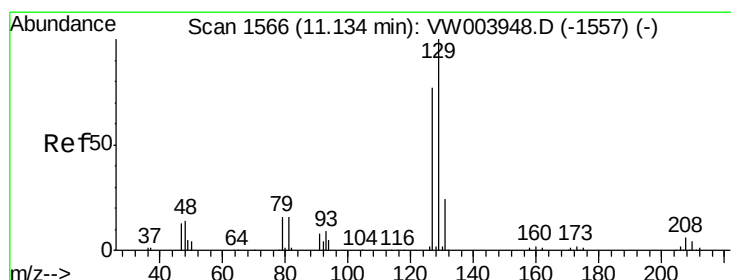
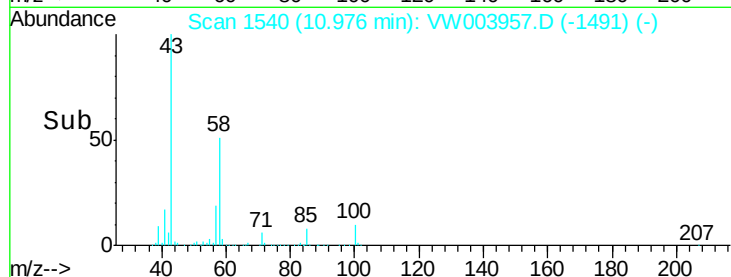
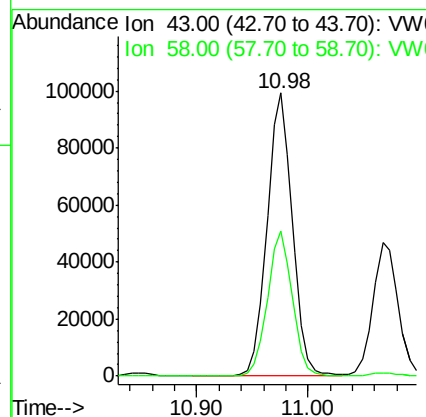
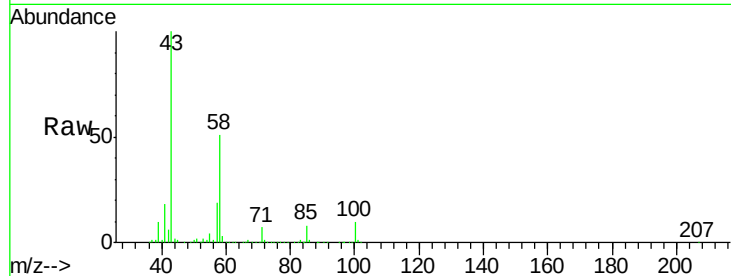
#59  
2-Hexanone  
Concen: 112.07 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

Tot Ion: 43 Resp: 157217  
Ion Ratio Lower Upper  
43 100  
58 50.4 26.0 78.0

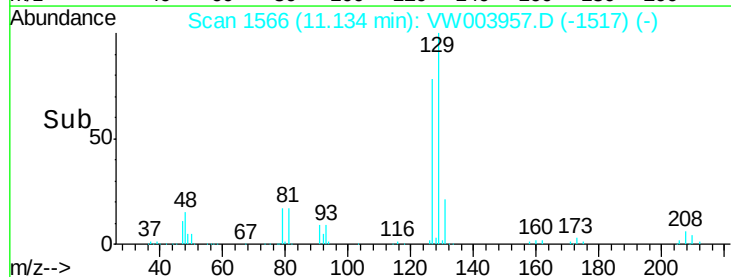
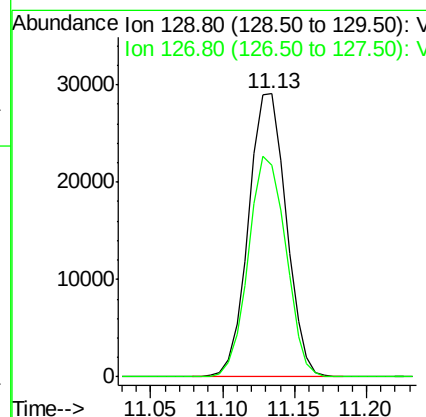
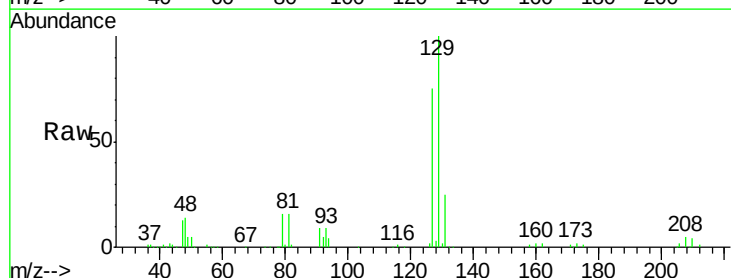
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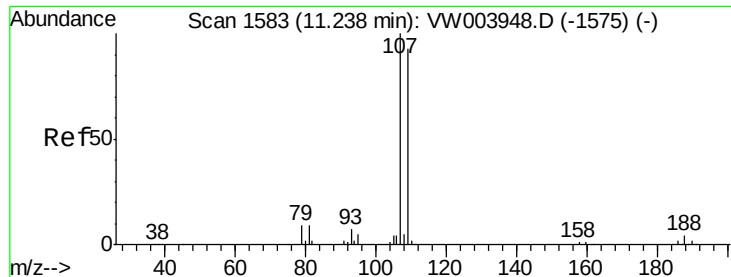
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#60  
Dibromochloromethane  
Concen: 21.12 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Tgt Ion: 129 Resp: 52647  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.1 117.3





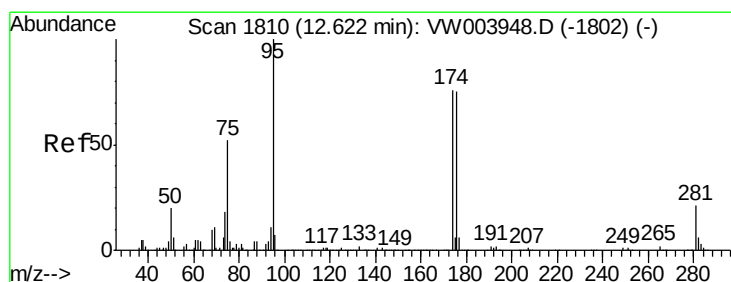
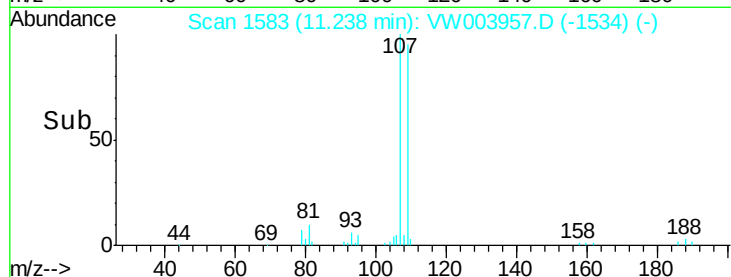
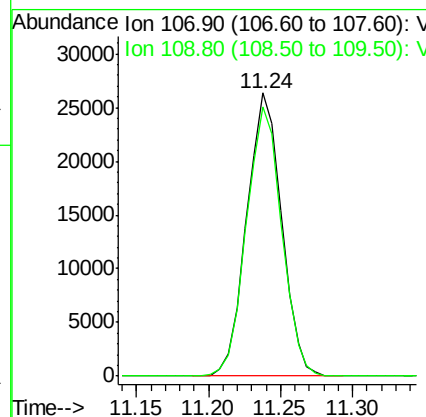
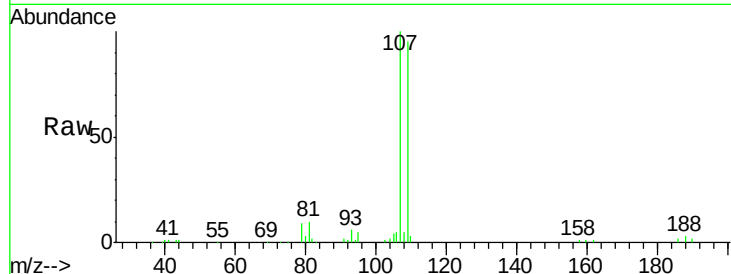
#61  
 1,2-Dibromoethane  
 Concen: 21.69 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

Tot Ion: 107 Resp: 44162  
 Ion Ratio Lower Upper  
 107 100  
 109 96.2 74.3 111.5

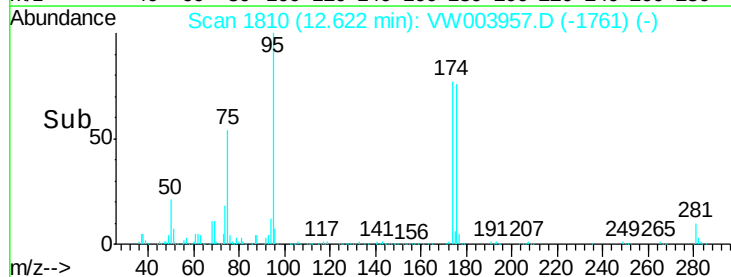
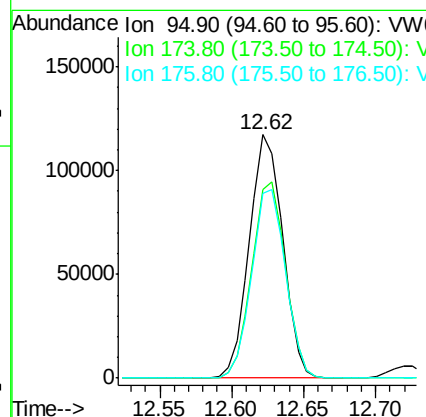
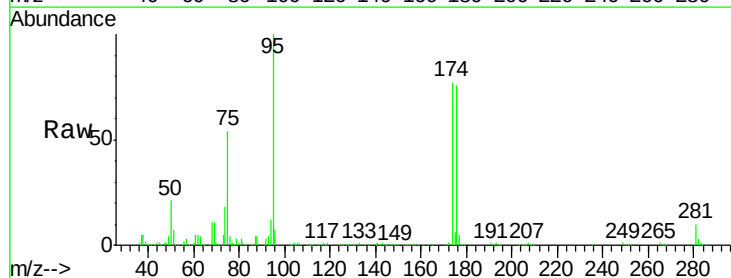
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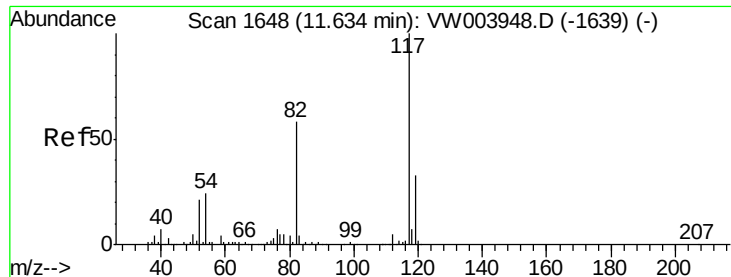
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#62  
 4-Bromofluorobenzene  
 Concen: 52.15 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Tgt Ion: 95 Resp: 188450  
 Ion Ratio Lower Upper  
 95 100  
 174 81.1 0.0 160.2  
 176 78.5 0.0 155.8





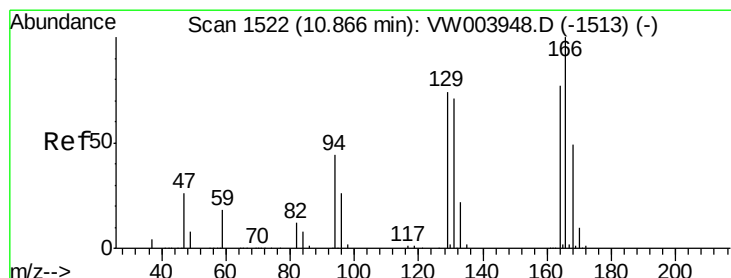
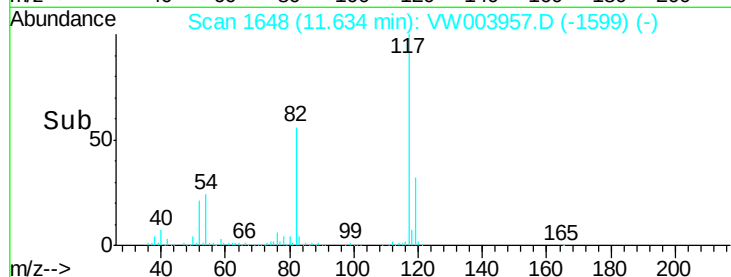
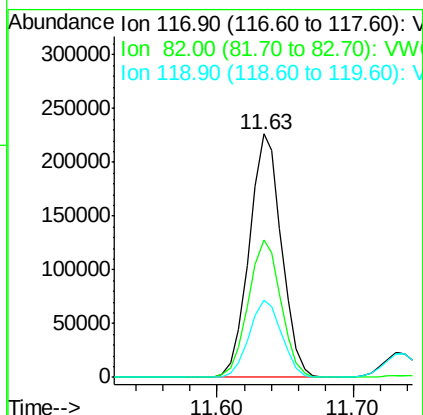
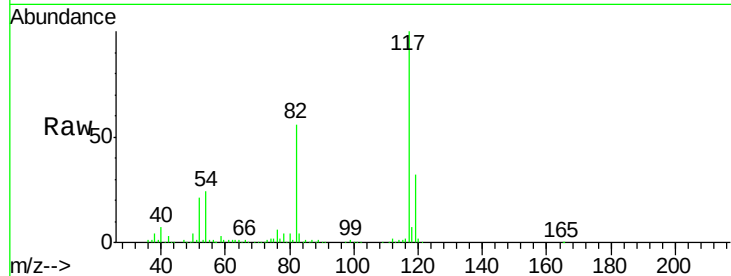
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.5  | 46.5  | 69.7  |
| 119     | 31.9  | 26.2  | 39.2  |

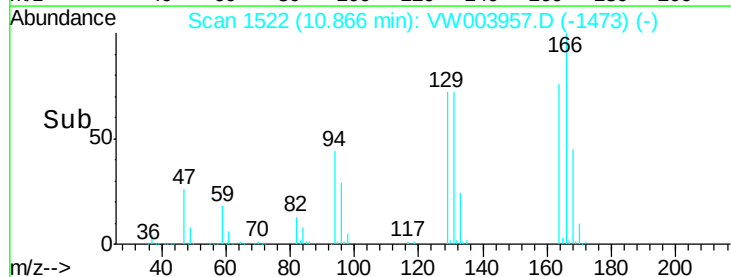
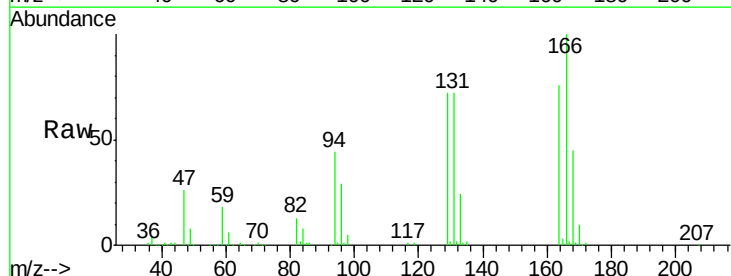
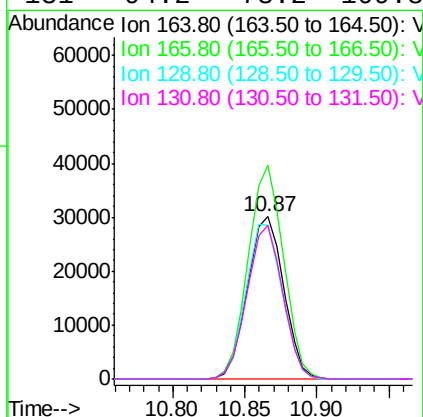
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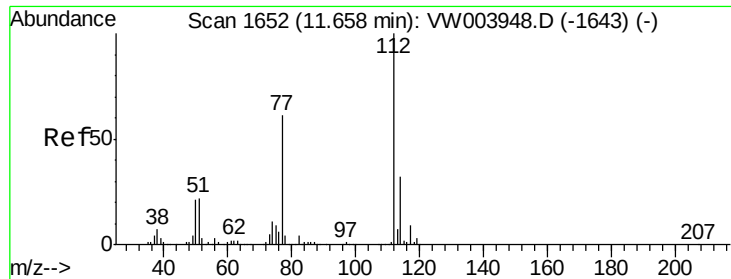
apatel  
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#64  
Tetrachloroethene  
Concen: 20.35 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.4 | 103.5 | 155.3 |
| 129     | 94.8  | 76.8  | 115.2 |
| 131     | 94.2  | 73.2  | 109.8 |





#65

Chlorobenzene

Concen: 20.36 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampled :

VW0716SBS01

Tot Ion:112 Resp: 162439

Ion Ratio Lower Upper

112 100

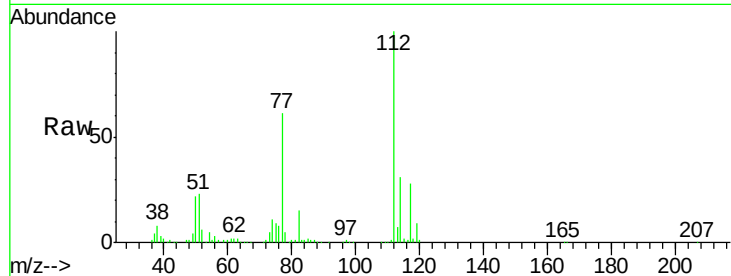
114 31.1 25.2 37.8

Manual Integrations

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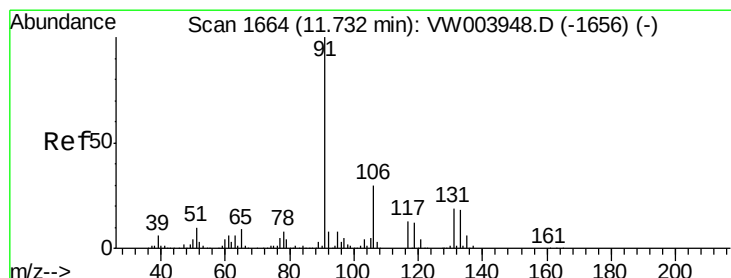
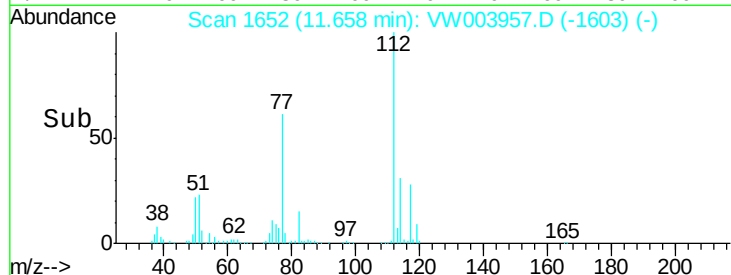
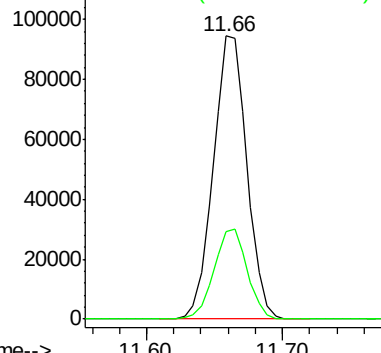
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.35 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

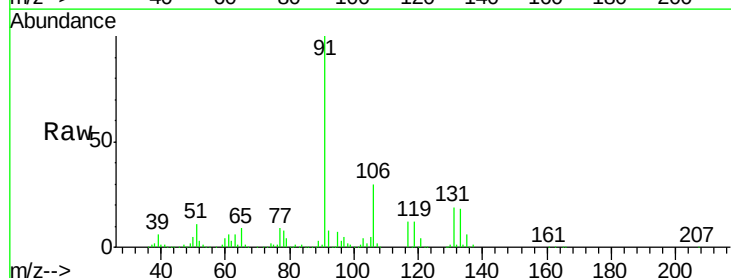
Tgt Ion:131 Resp: 56409

Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.8

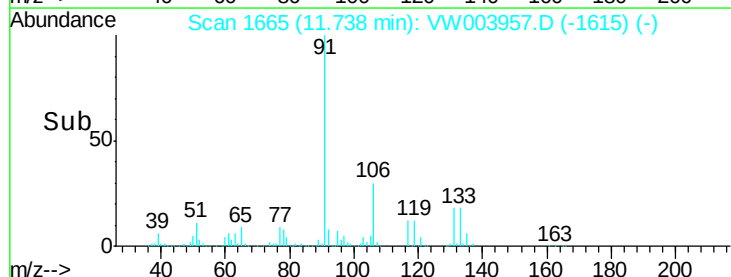
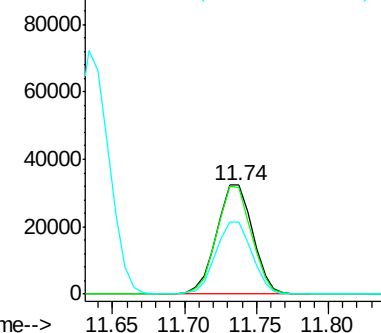
119 66.1 32.5 97.5

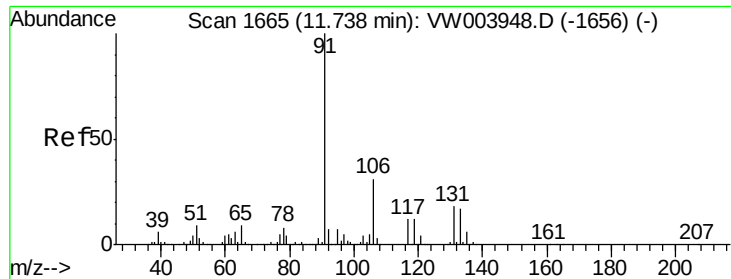


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





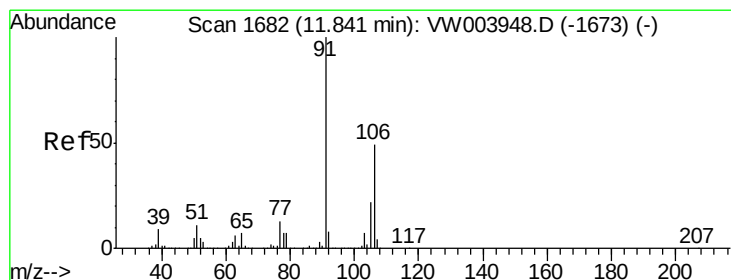
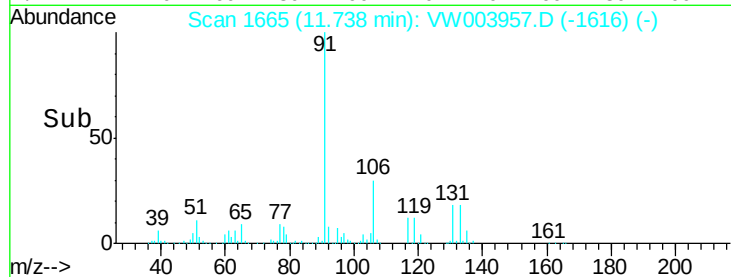
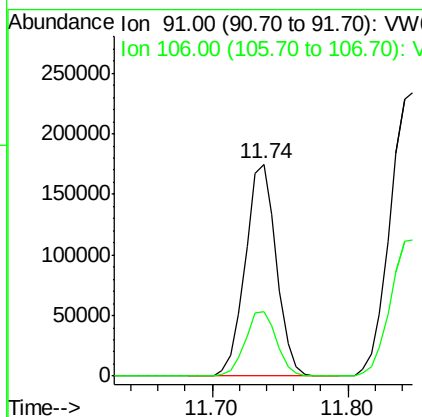
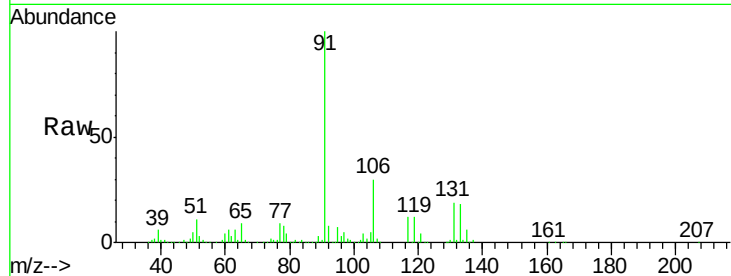
#67  
Ethyl Benzene  
Concen: 19.95 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0716SBS01

Tot Ion: 91 Resp: 279557  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.0 37.4

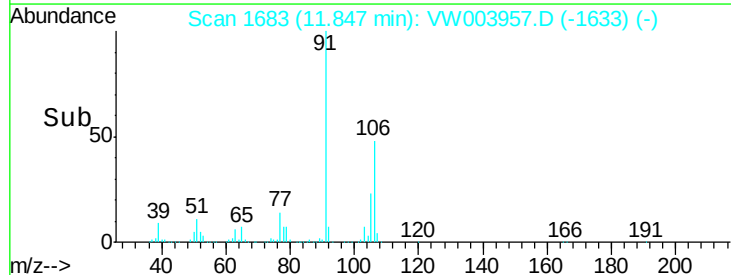
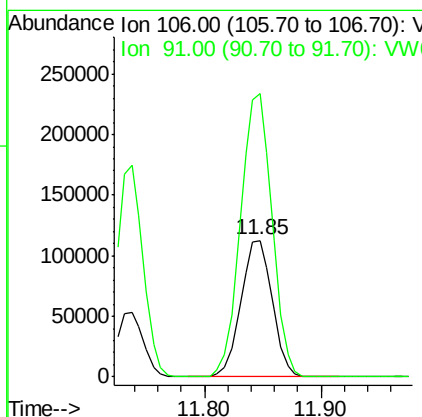
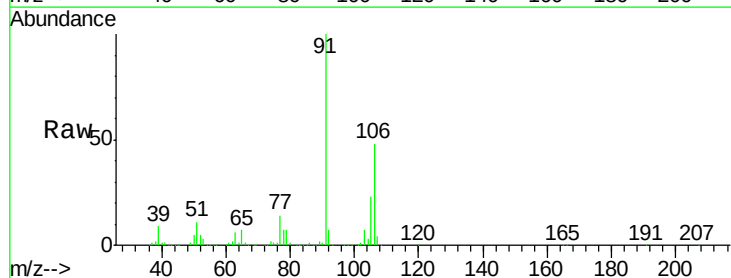
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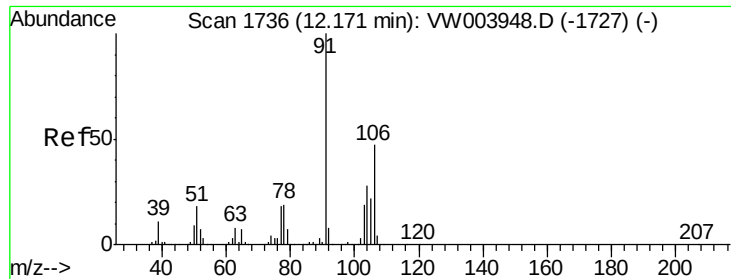
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#68  
m/p-Xylenes  
Concen: 39.58 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Tgt Ion: 106 Resp: 212012  
Ion Ratio Lower Upper  
106 100  
91 207.7 164.2 246.2





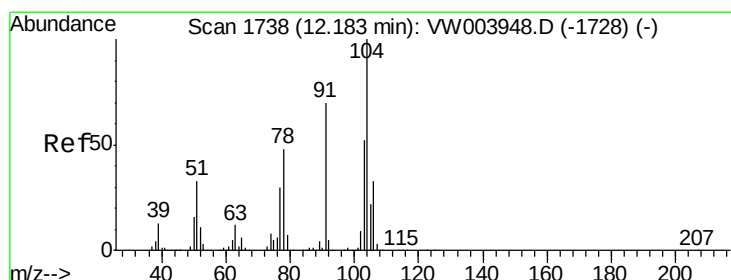
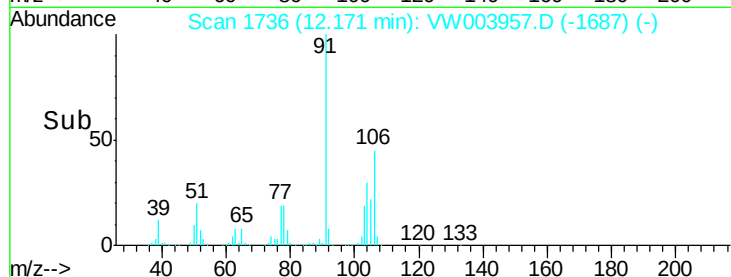
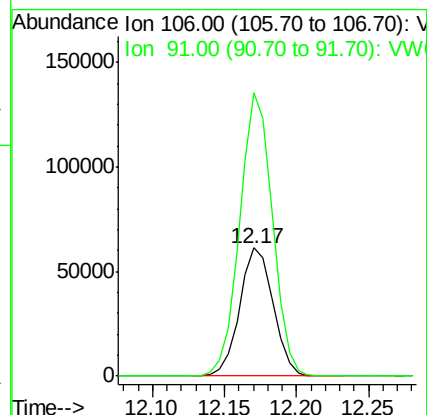
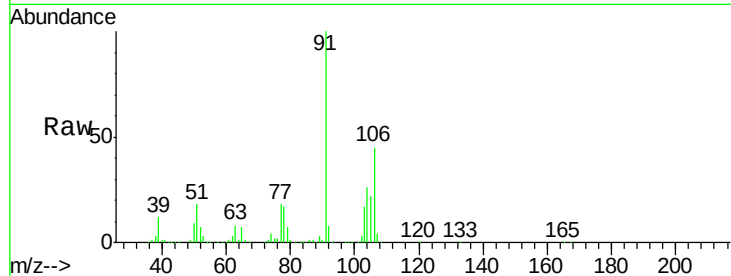
#69  
o-Xylene  
Concen: 20.00 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

Tot Ion:106 Resp: 99381  
Ion Ratio Lower Upper  
106 100  
91 215.4 107.5 322.6

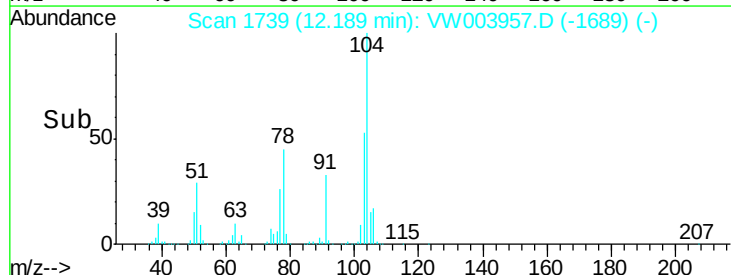
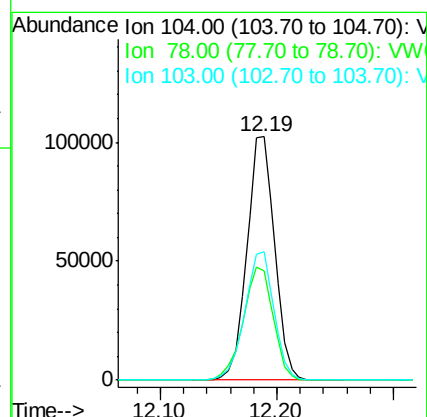
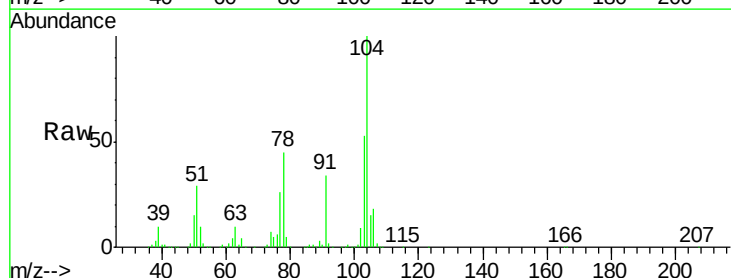
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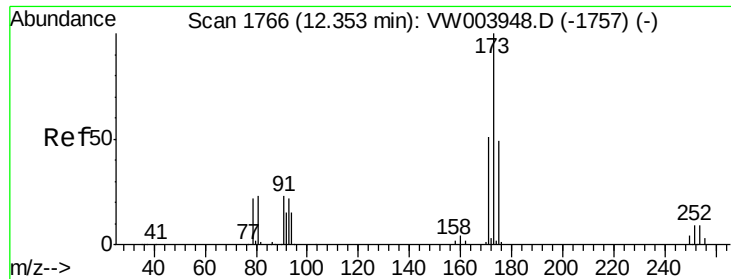


#70  
Styrene  
Concen: 20.56 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Tgt Ion:104 Resp: 170650  
Ion Ratio Lower Upper  
104 100  
78 50.3 41.0 61.4  
103 55.5 44.6 67.0







#71

Bromoform

Concen: 20.57 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

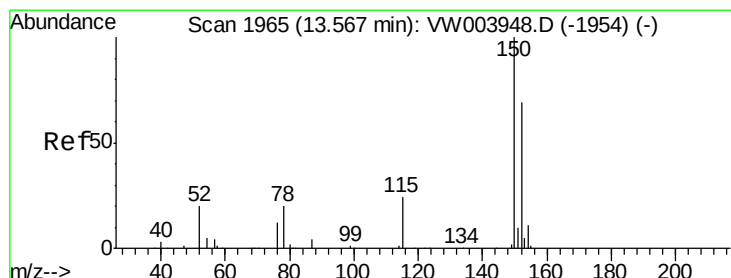
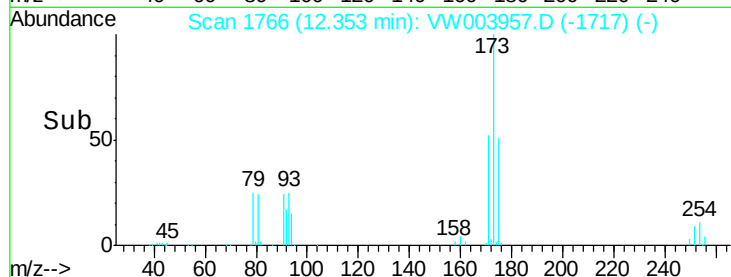
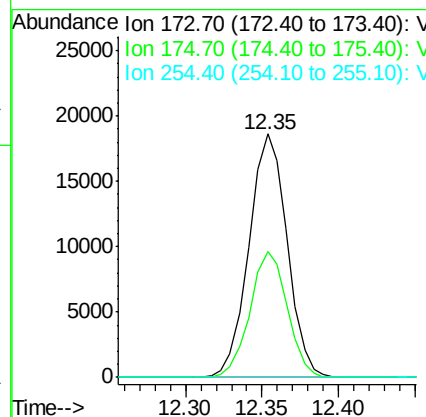
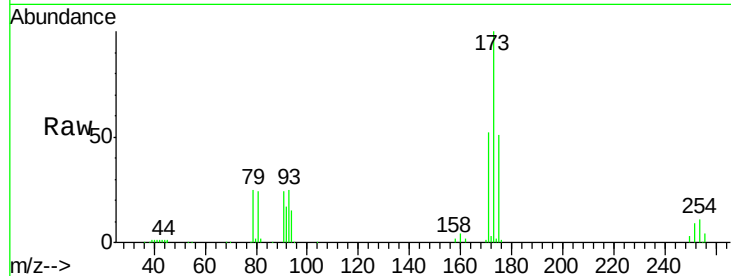
ClientSampleId :

VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.5  | 24.4  | 73.2  |
| 254     | 0.1   | 0.1   | 0.1   |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

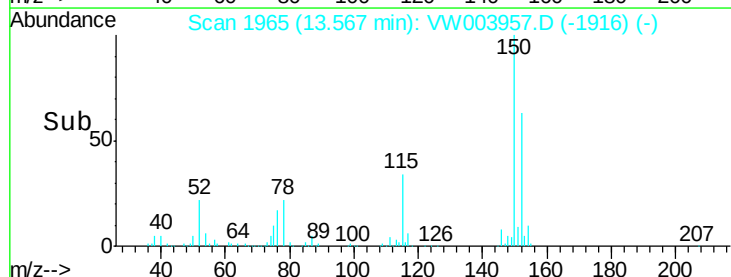
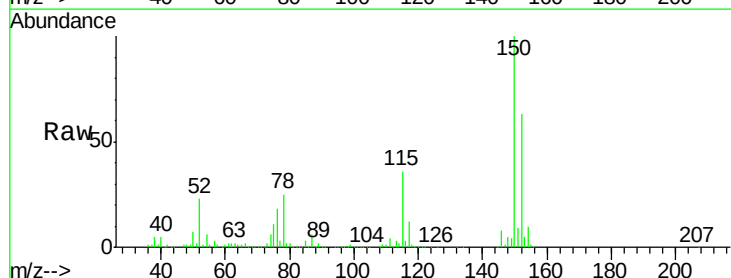
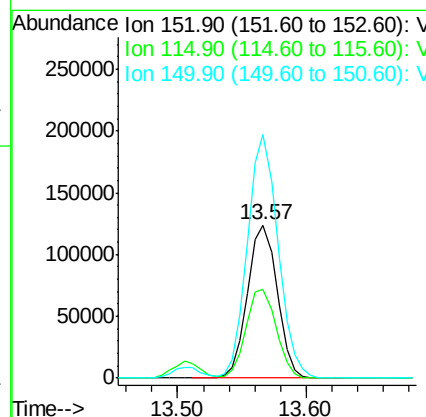
RT: 13.57 min Scan# 1965

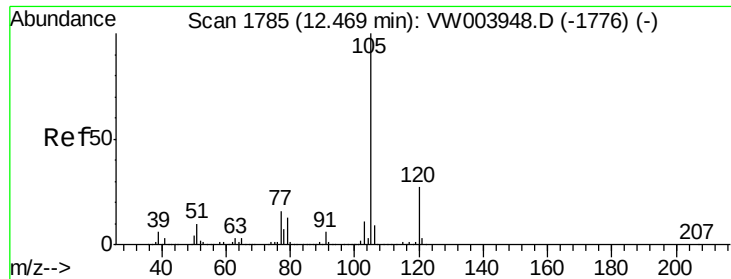
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.3  | 29.2  | 87.6  |
| 150     | 164.1 | 0.0   | 345.2 |





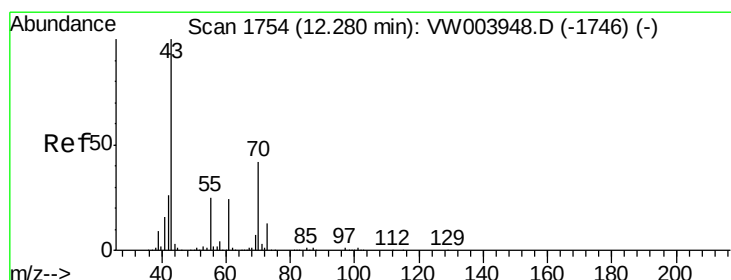
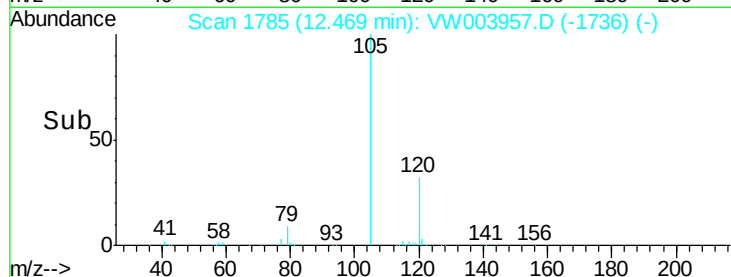
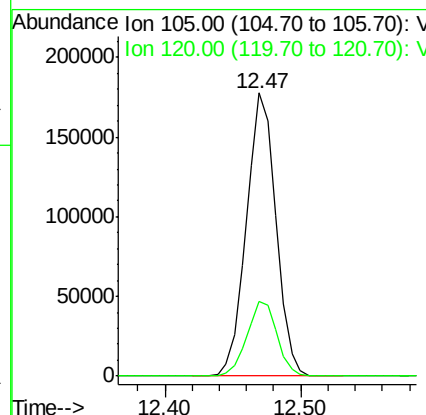
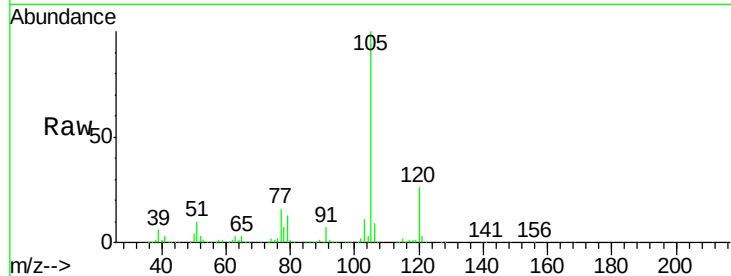
#73  
Isopropylbenzene  
Concen: 19.43 ug/l  
RT: 12.47 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 13.2  | 39.6  |

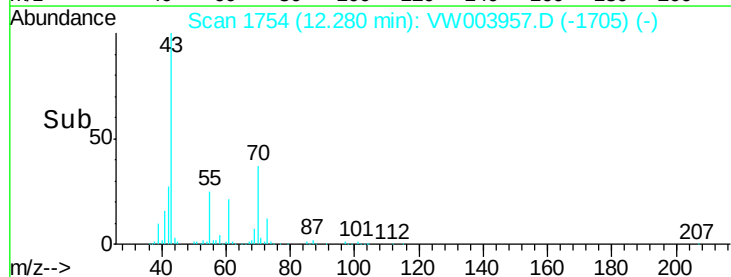
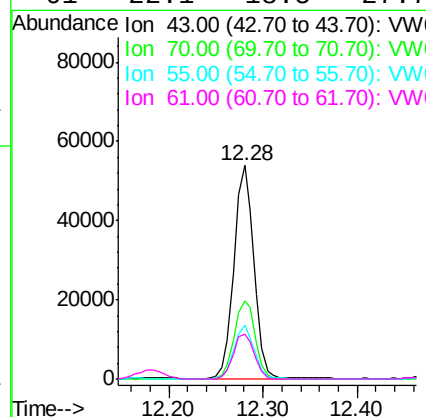
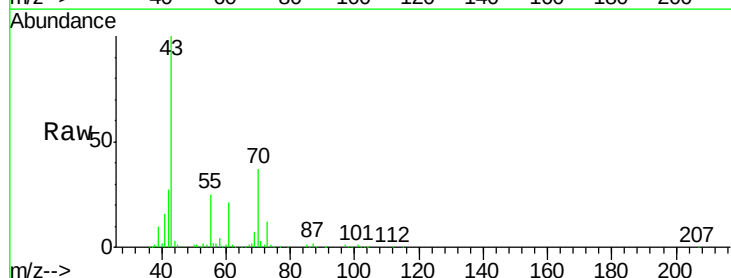
Manual Integrations  
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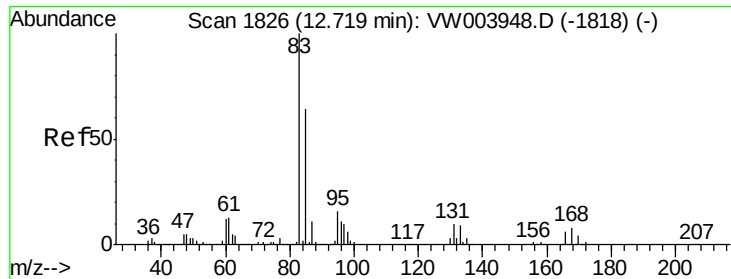
apatel  
7/17/2018 10:31:54 AM



#74  
N-ethyl acetate  
Concen: 21.84 ug/l  
RT: 12.28 min Scan# 1754  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 39.0  | 31.6  | 47.4  |
| 55      | 25.4  | 20.0  | 30.0  |
| 61      | 22.1  | 18.5  | 27.7  |





#75

1,1,2,2-Tetrachloroethane

Concen: 21.40 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

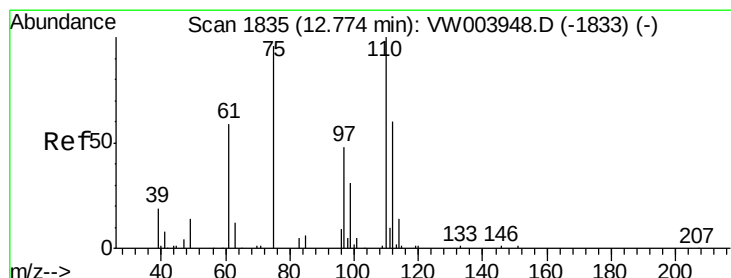
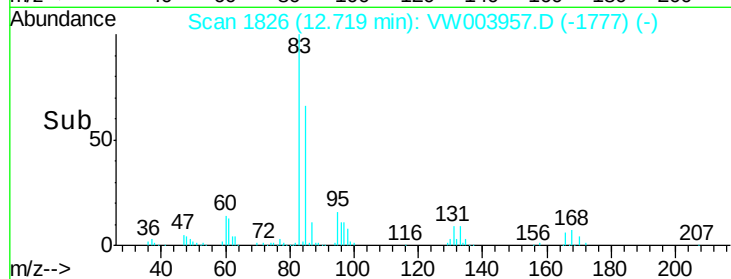
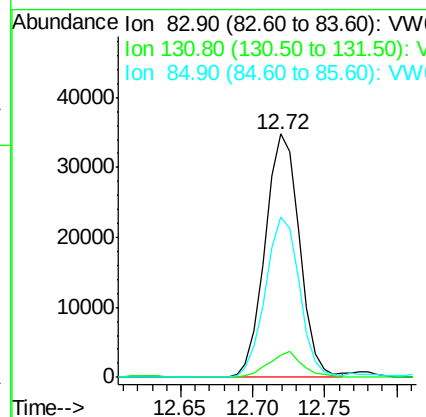
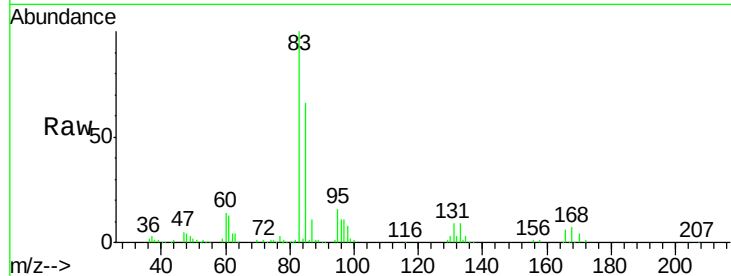
ClientSampleId :

VW0716SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 57578 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.3   | 15.8  |
| 85        | 65.5  | 32.2  | 96.6  |

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#76

1,2,3-Trichloropropane

Concen: 24.56 ug/l m

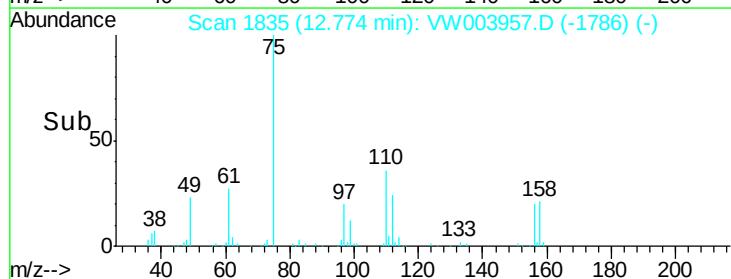
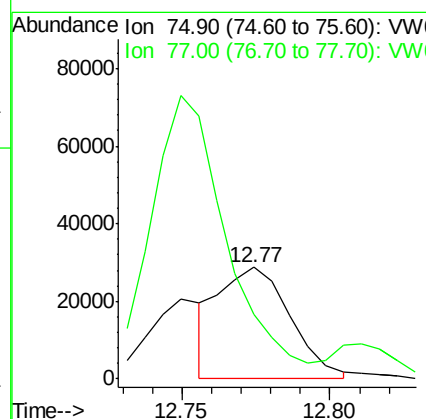
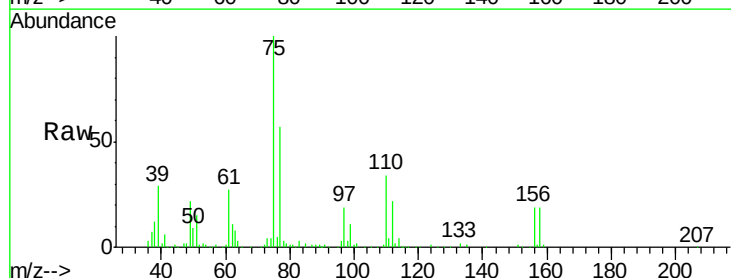
RT: 12.77 min Scan# 1835

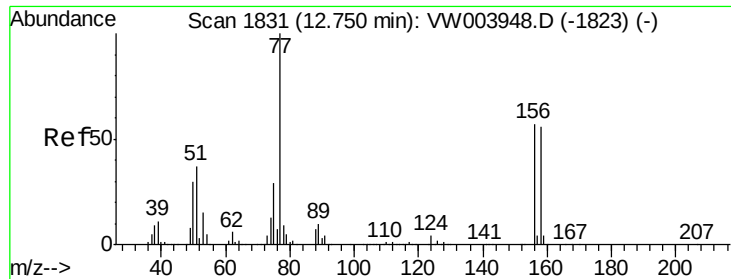
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 48013 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.16 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

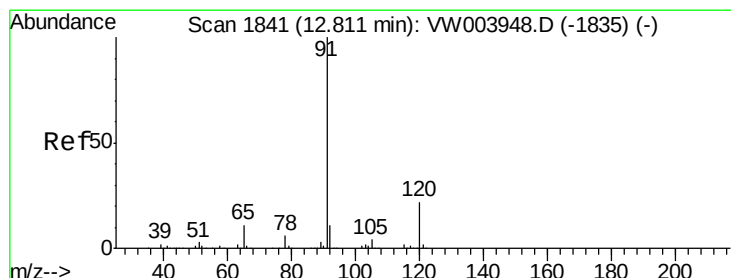
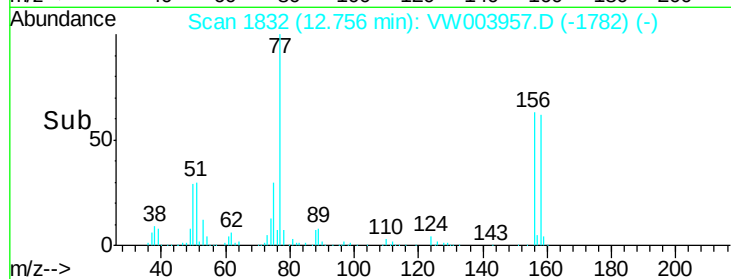
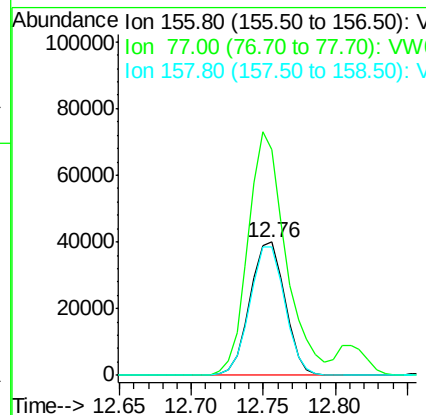
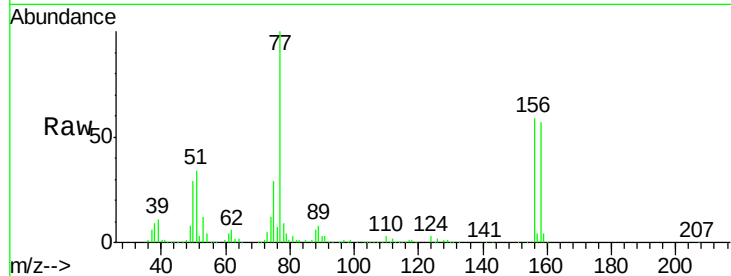
ClientSampleId :

VW0716SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 67116 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 196.3 | 96.2  | 288.6 |
| 158       | 97.0  | 48.5  | 145.5 |

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#78

n-propylbenzene

Concen: 19.83 ug/l

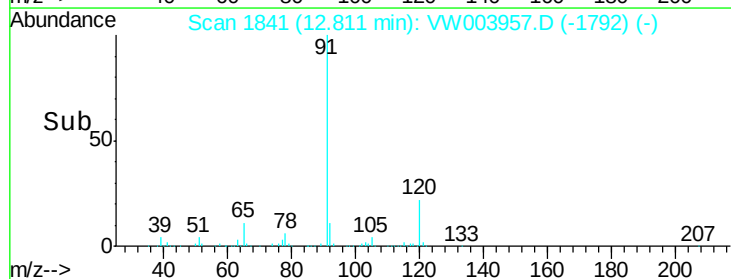
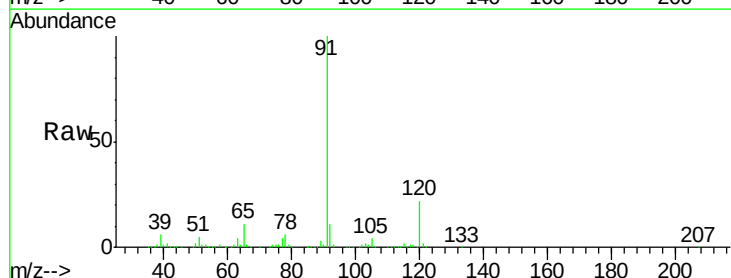
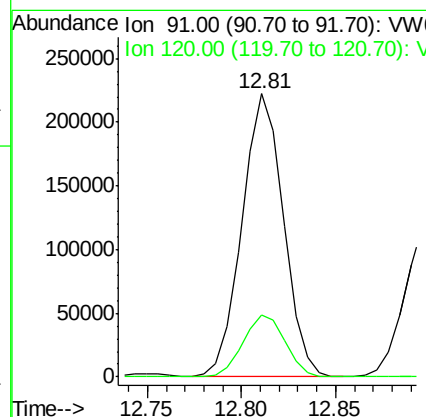
RT: 12.81 min Scan# 1841

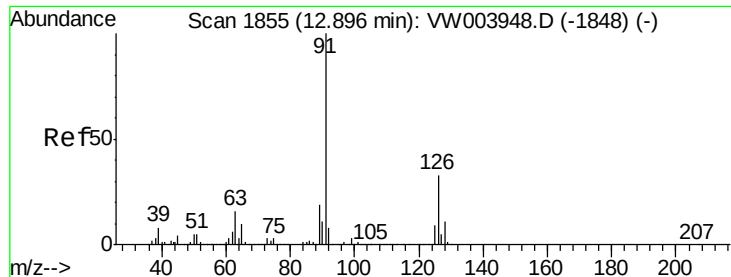
Delta R.T. -0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 338515 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.3  | 11.2  | 33.6   |





#79

2-Chlorotoluene

Concen: 20.16 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

ClientSampled :

VW0716SBS01

Tot Ion: 91 Resp: 194087

Ion Ratio Lower Upper

91 100

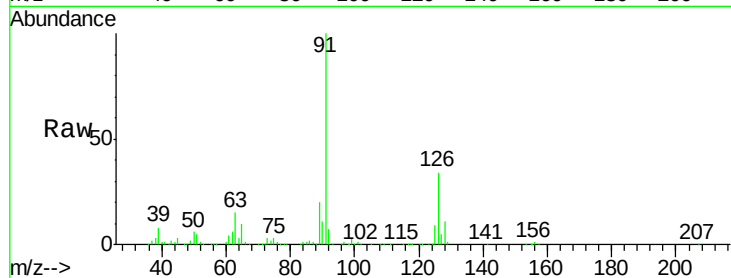
126 34.1 17.0 51.0

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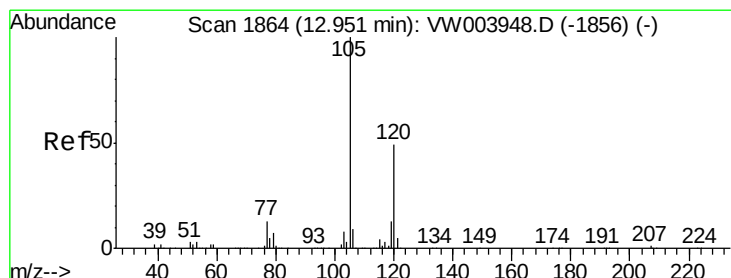
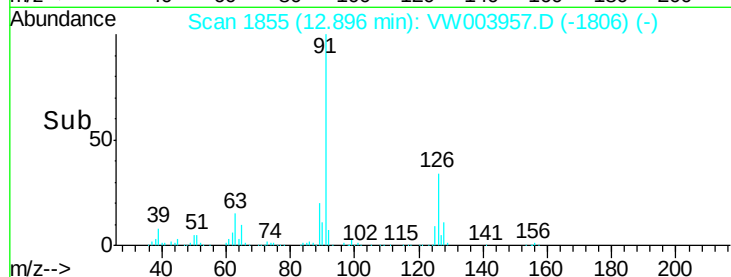
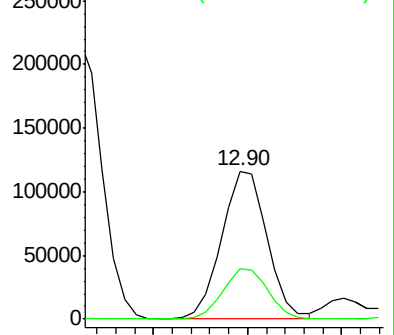
apatel

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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: 19.92 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003957.D

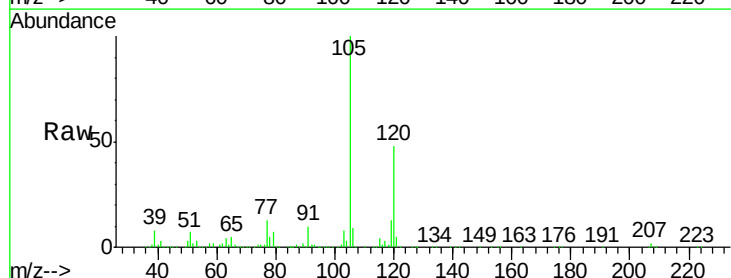
Acq: 16 Jul 2018 17:57

Tgt Ion:105 Resp: 233203

Ion Ratio Lower Upper

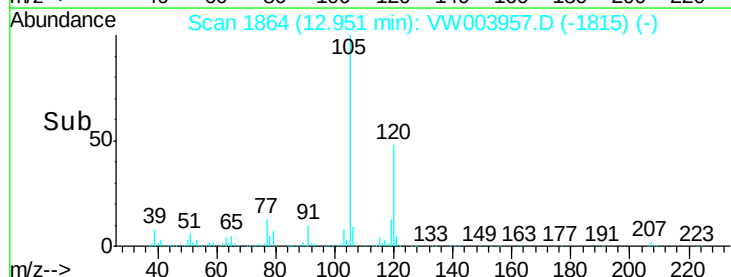
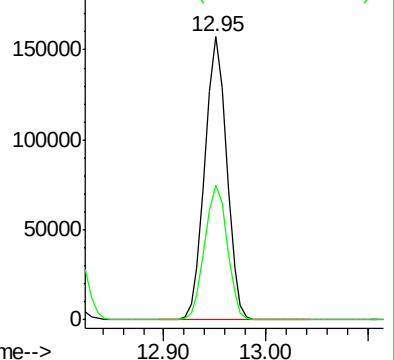
105 100

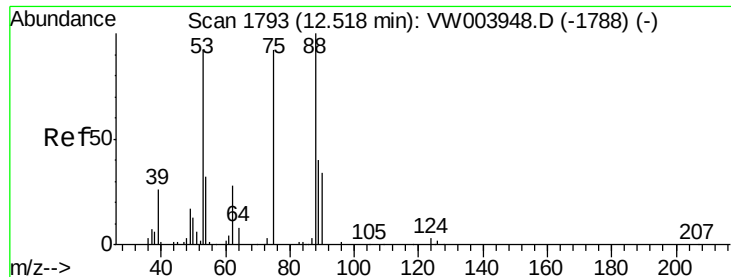
120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





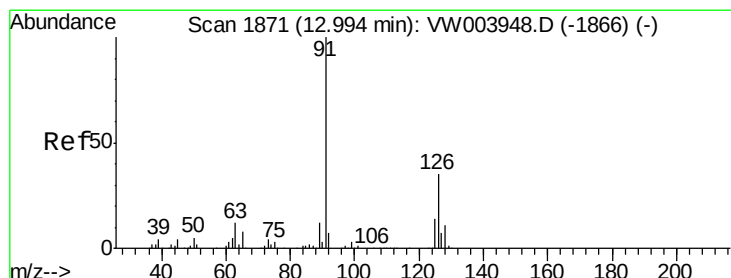
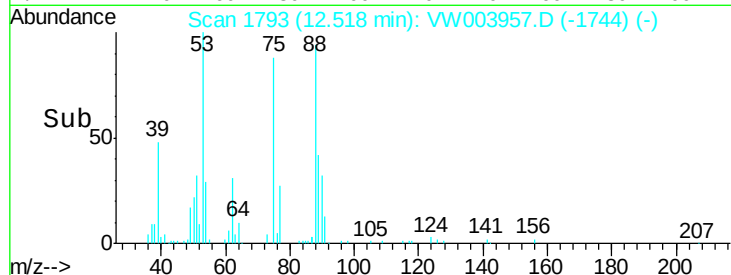
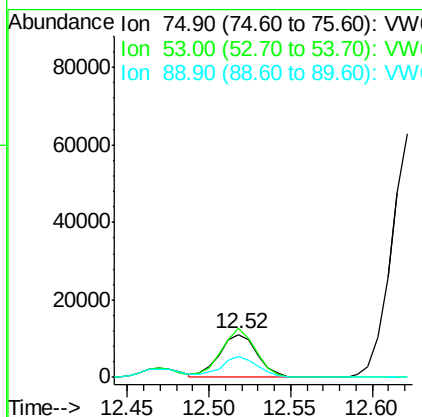
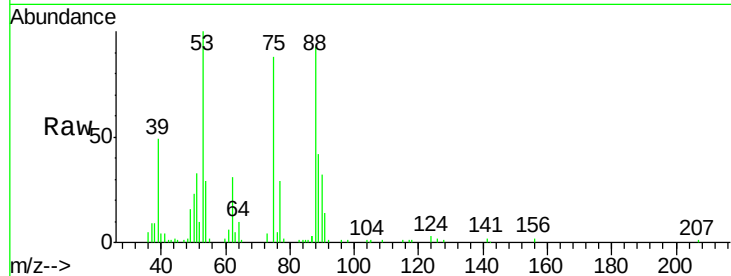
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.51 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.1 | 77.6  | 116.4 |
| 89      | 47.0  | 36.6  | 54.8  |

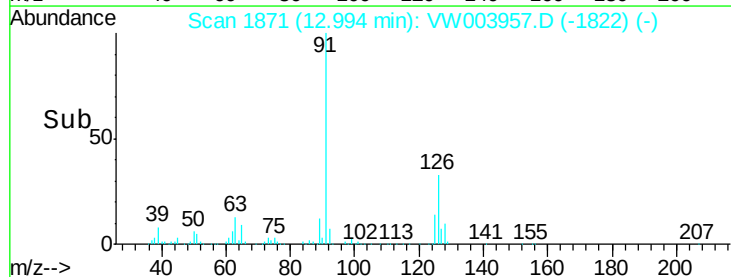
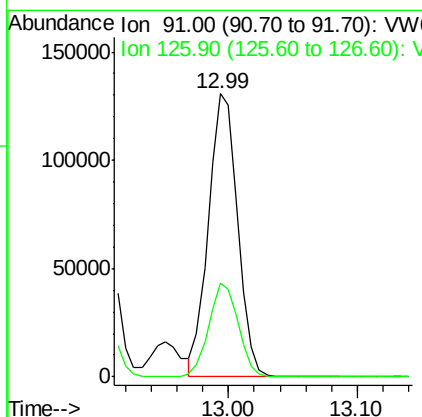
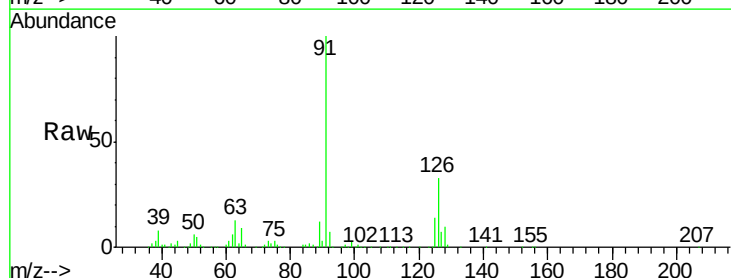
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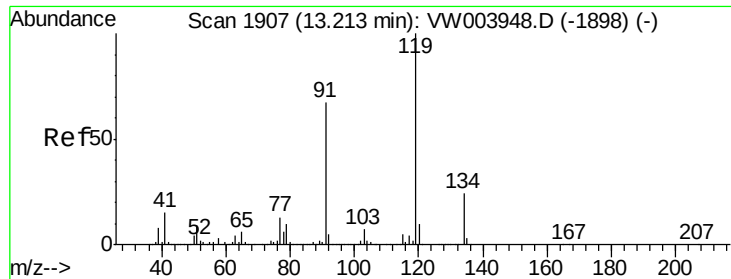
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#82  
4-Chlorotoluene  
Concen: 20.03 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VW003957.D  
Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.6  | 16.7  | 50.0  |





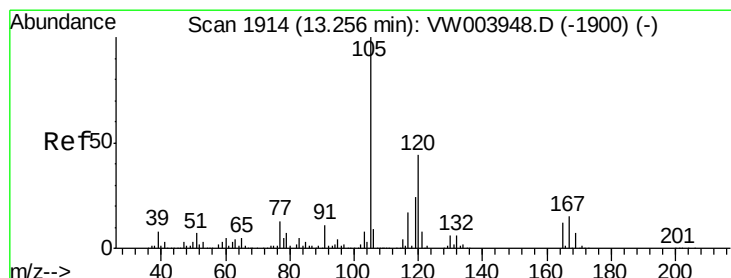
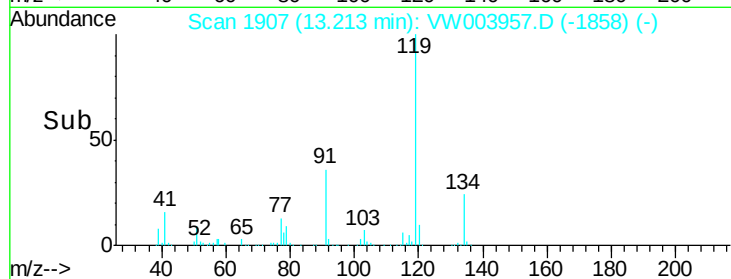
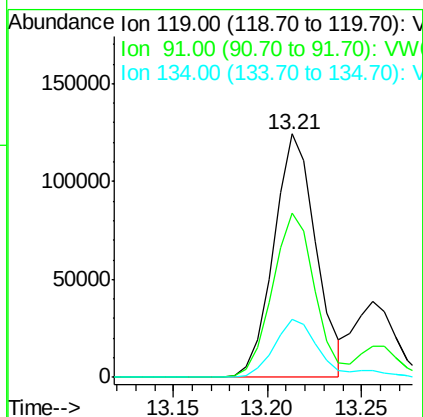
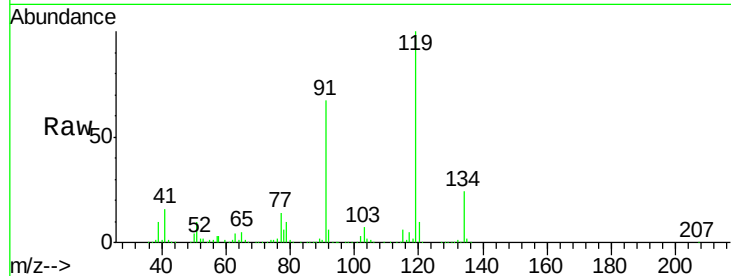
#83  
 tert-Butylbenzene  
 Concen: 19.61 ug/l  
 RT: 13.21 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 192719 |       |       |
| 91      | 68.4  |        | 33.2  | 99.6  |
| 134     | 26.4  |        | 13.0  | 38.9  |

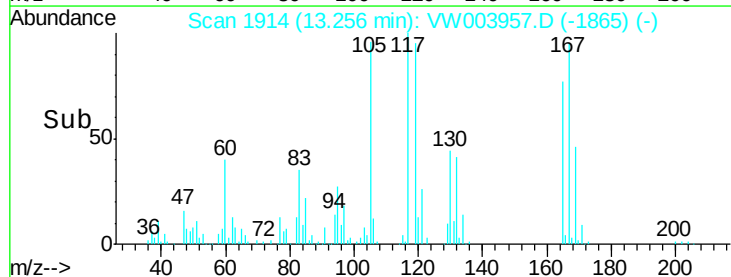
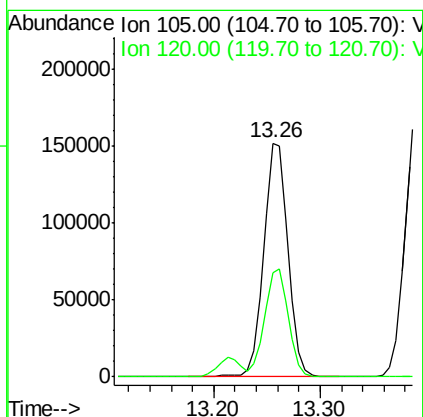
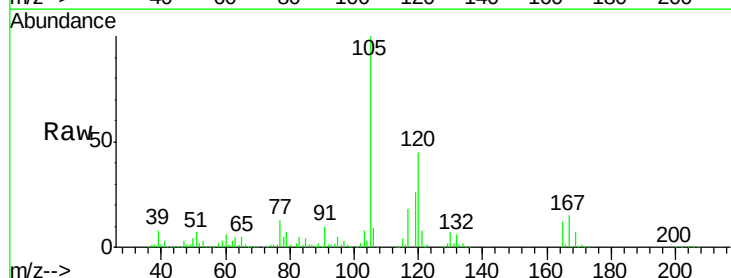
Manual Integrations  
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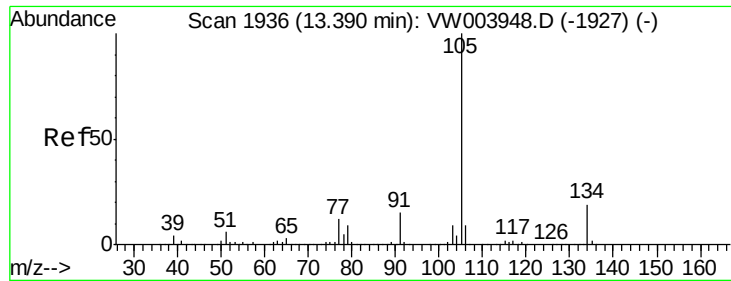
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.06 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 241608 |       |       |
| 120     | 45.1  |        | 22.1  | 66.1  |





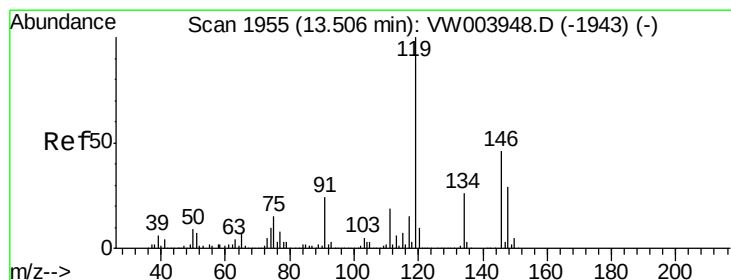
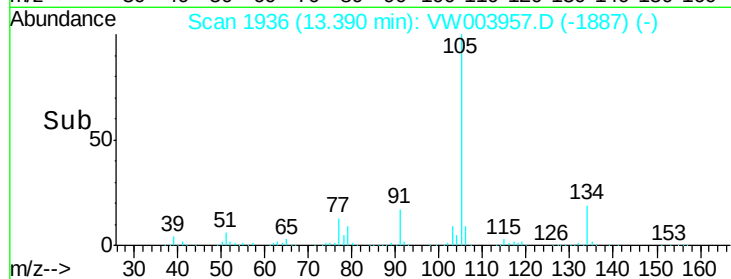
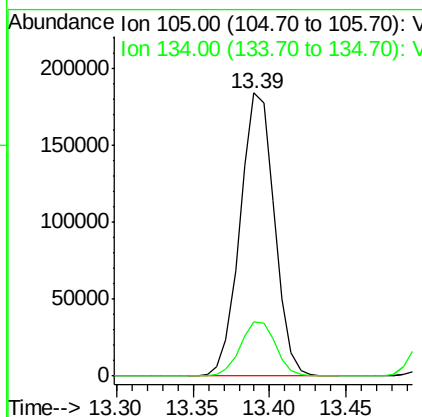
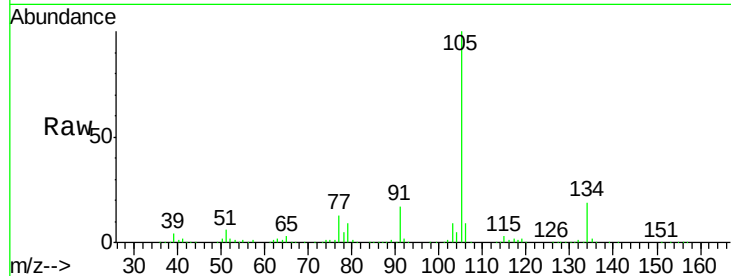
#85  
 sec-Butylbenzene  
 Concen: 19.61 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.9  | 9.8   | 29.4  |

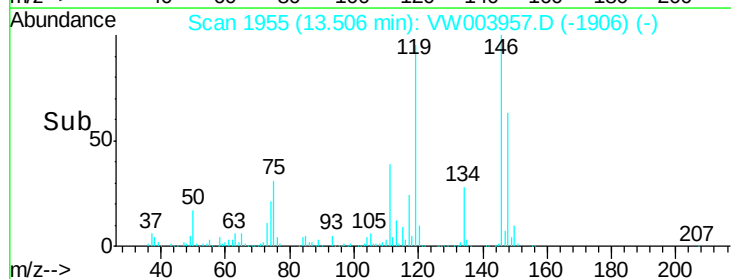
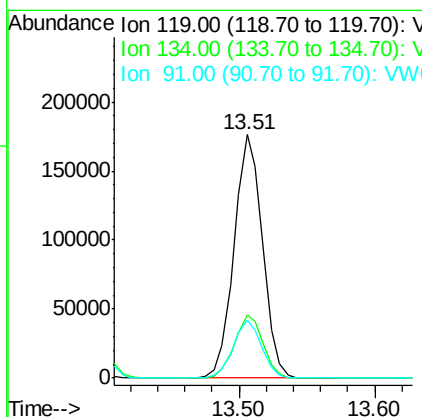
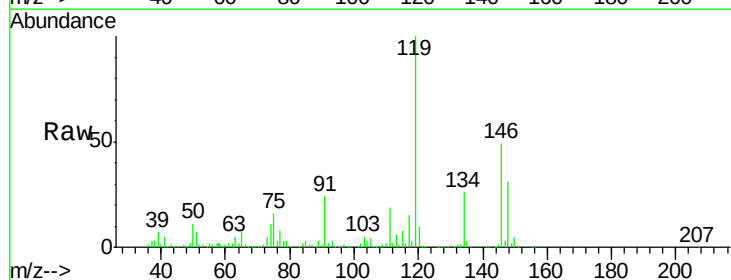
Manual Integrations  
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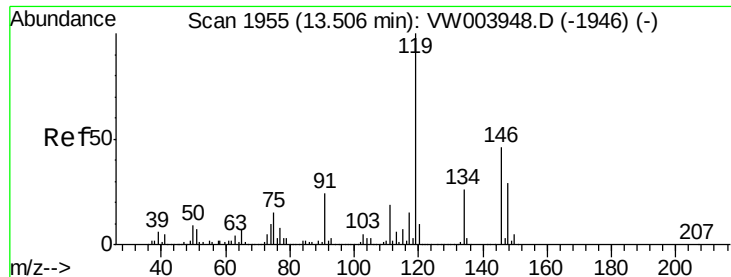


#86  
 p-Isopropyltoluene  
 Concen: 19.88 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.0  | 13.0  | 38.9  |
| 91      | 23.6  | 11.8  | 35.3  |







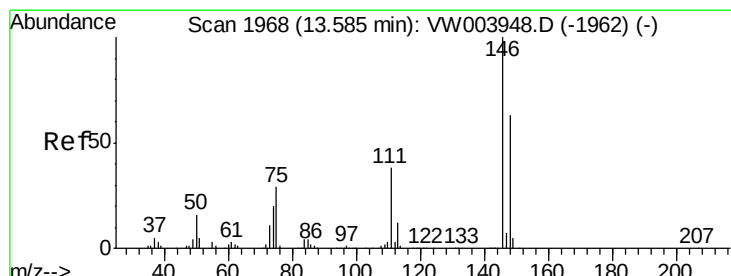
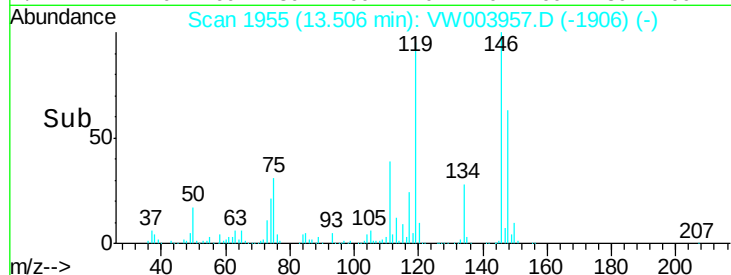
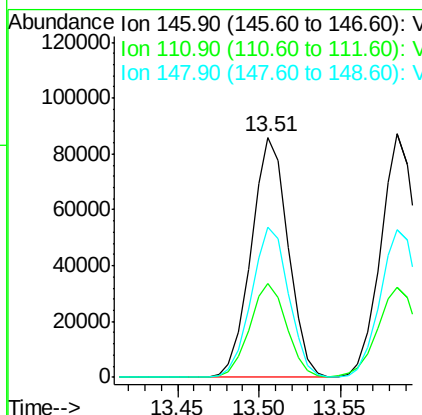
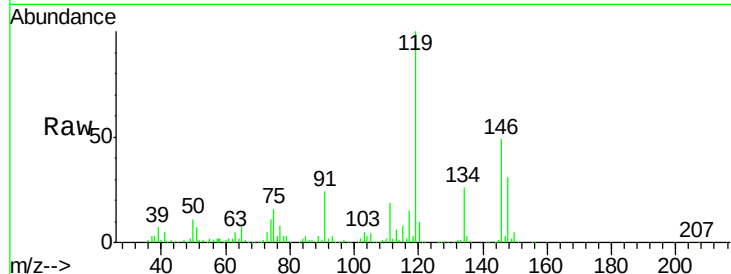
#87  
 1,3-Dichlorobenzene  
 Concen: 20.35 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 135324 |       |       |
| 111     | 39.3  | 19.9   | 59.6  |       |
| 148     | 63.1  | 31.9   | 95.5  |       |

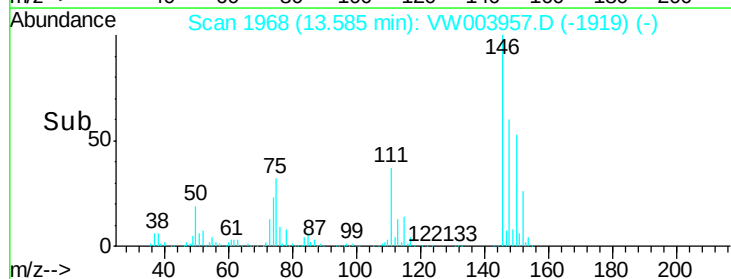
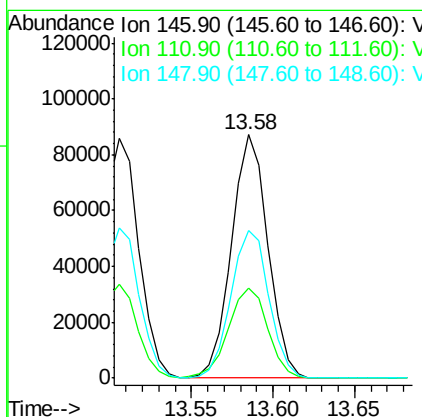
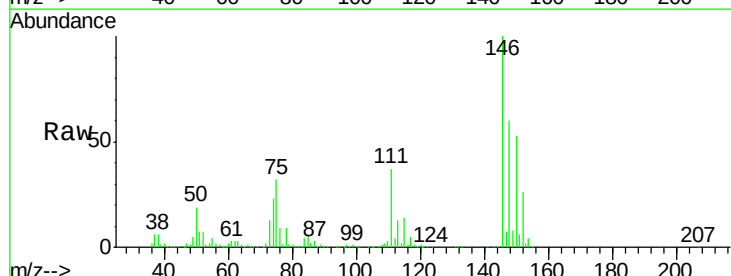
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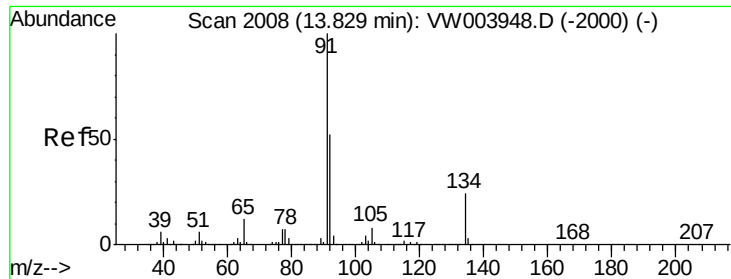
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.36 ug/l  
 RT: 13.58 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 135737 |       |       |
| 111     | 40.0  | 19.6   | 58.7  |       |
| 148     | 63.5  | 32.3   | 96.8  |       |





#89

n-Butylbenzene

Concen: 19.41 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

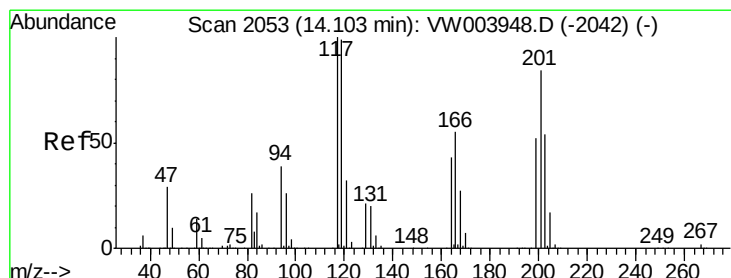
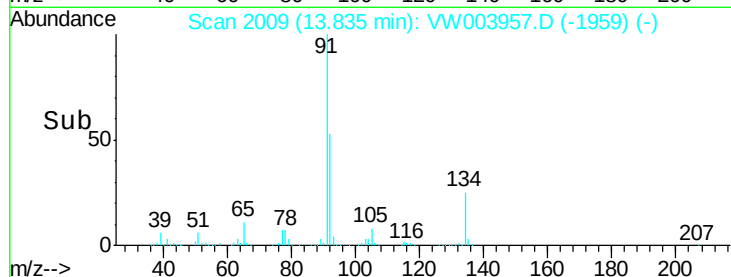
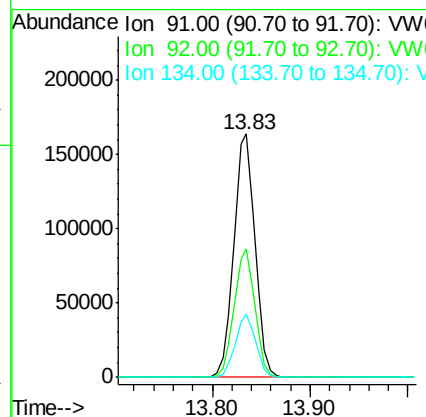
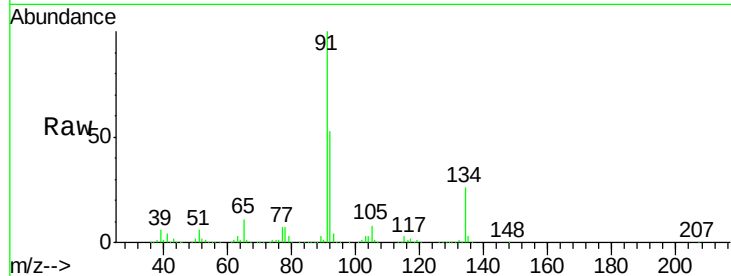
ClientSampleId :

VW0716SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 244156 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 51.6  | 26.1  | 78.3   |
| 134       | 25.0  | 12.4  | 37.4   |

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#90

Hexachloroethane

Concen: 19.53 ug/l

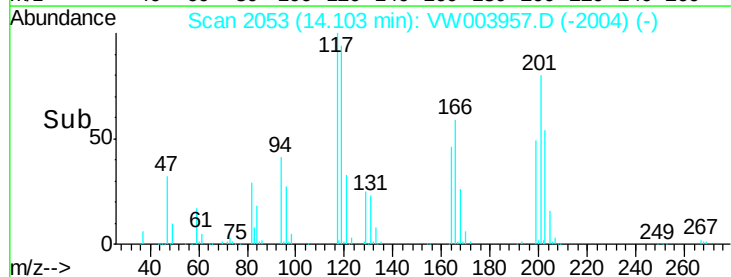
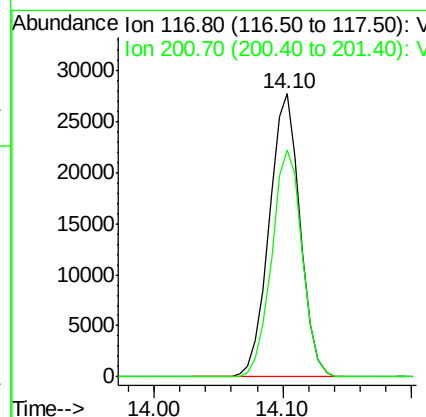
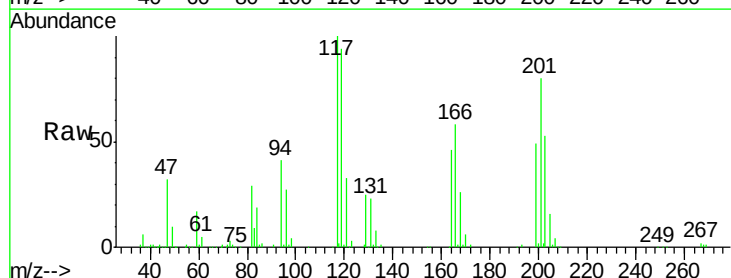
RT: 14.10 min Scan# 2053

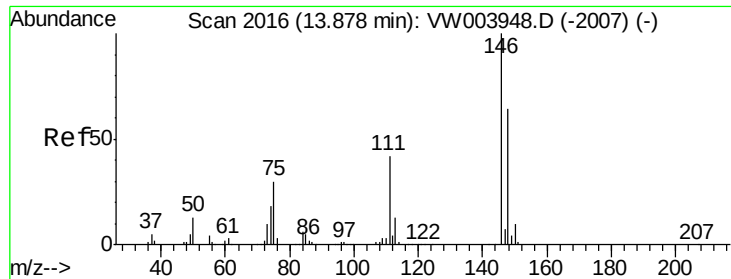
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 46055 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 79.5  | 40.3  | 120.9 |





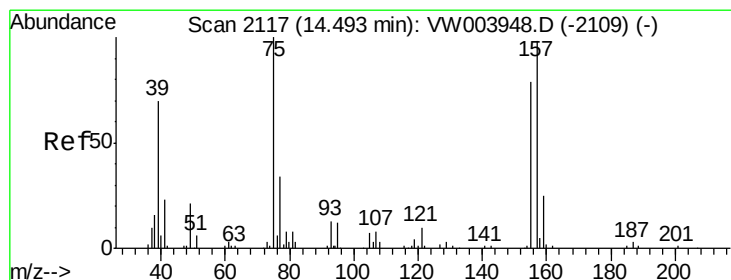
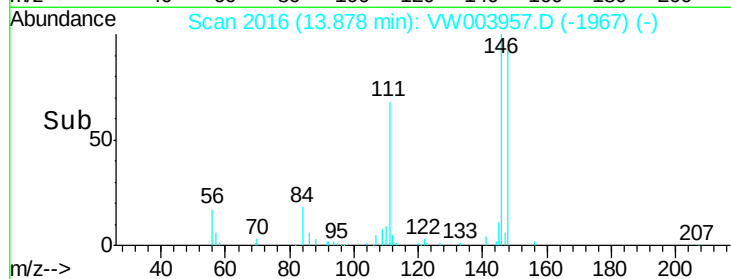
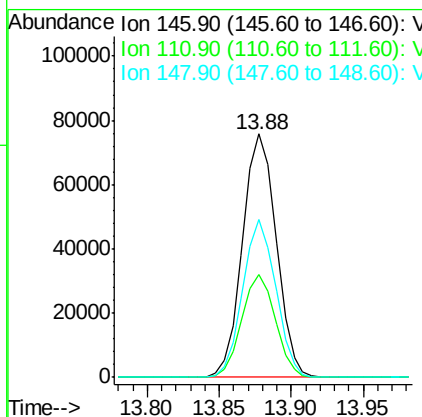
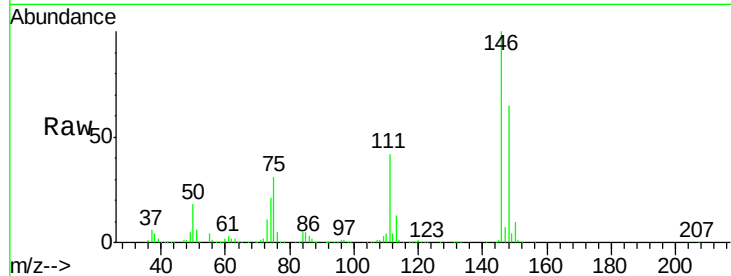
#91  
 1,2-Dichlorobenzene  
 Concen: 20.77 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0716SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 20.7  | 62.1  |
| 148     | 63.3  | 32.0  | 96.2  |

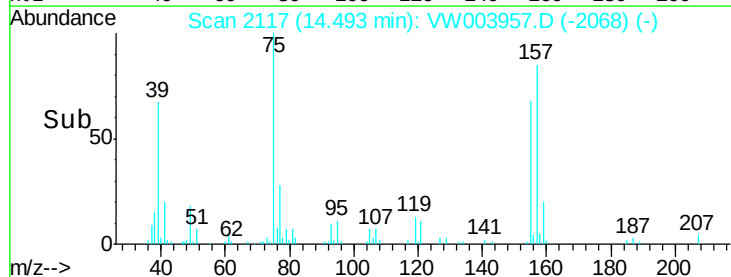
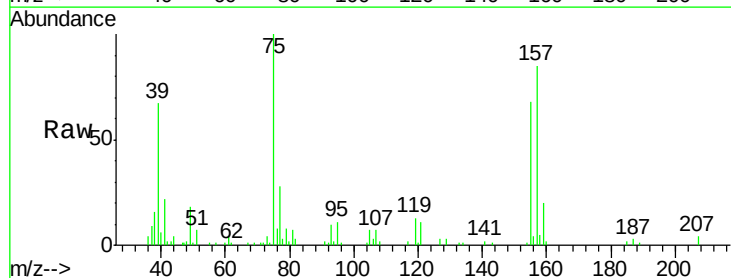
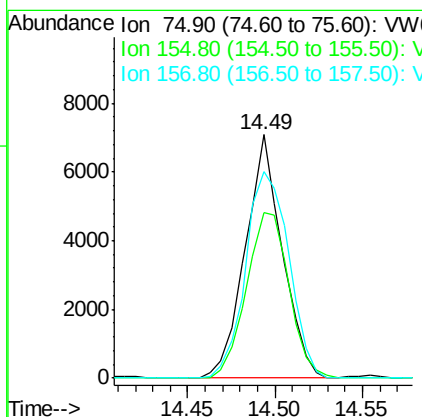
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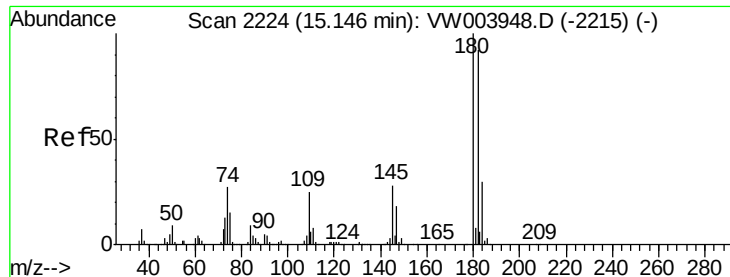
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.74 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VW003957.D  
 Acq: 16 Jul 2018 17:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.1  | 39.4  | 118.1 |
| 157     | 98.9  | 51.8  | 155.4 |





#93

1,2,4-Trichlorobenzene

Concen: 21.36 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

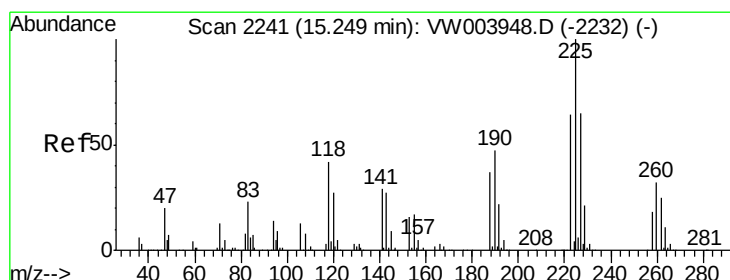
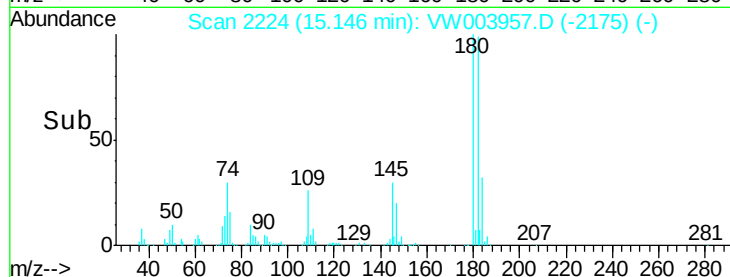
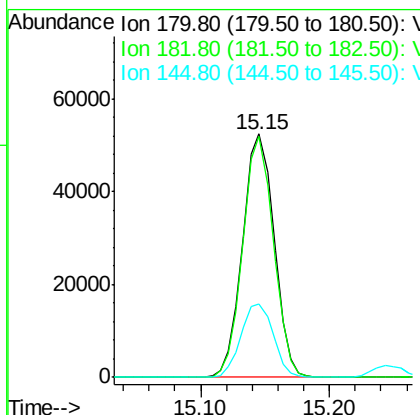
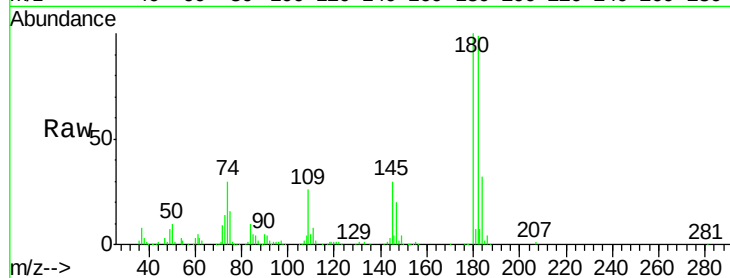
ClientSampled :

VW0716SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 88881 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.1  | 46.9  | 140.8 |
| 145       | 31.0  | 15.0  | 45.0  |

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#94

Hexachlorobutadiene

Concen: 19.61 ug/l

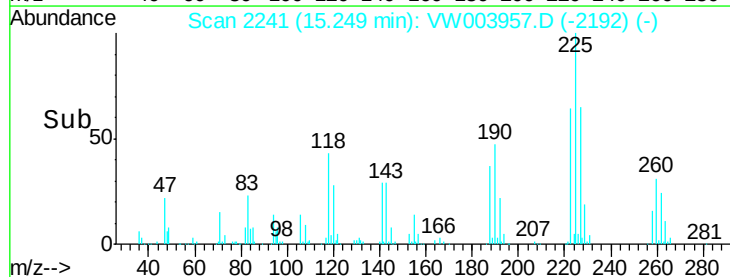
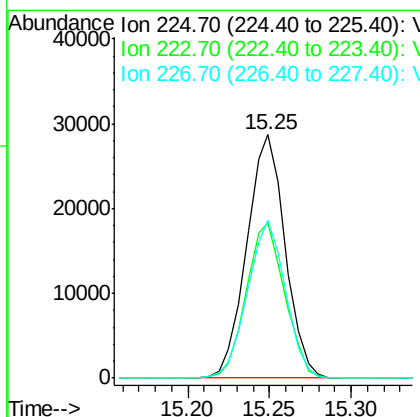
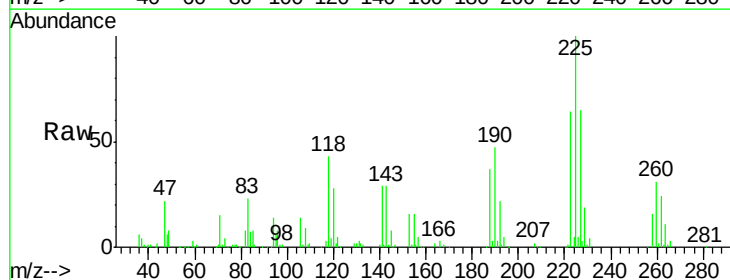
RT: 15.25 min Scan# 2241

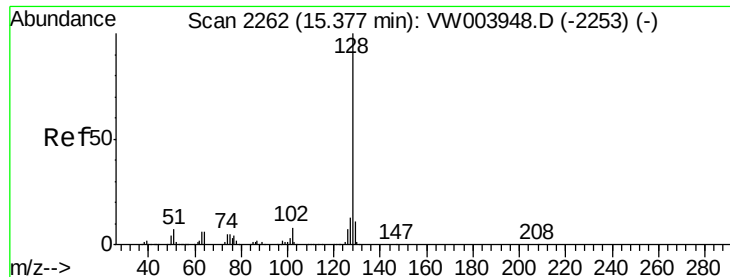
Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 46843 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.8  | 32.0  | 96.2  |
| 227       | 64.4  | 32.3  | 96.9  |





#95

Naphthalene

Concen: 22.55 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

Instrument :

MSVOA\_W

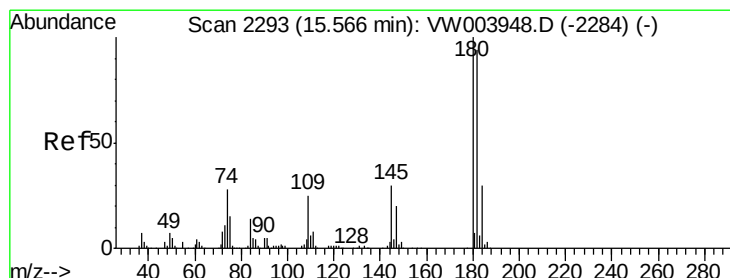
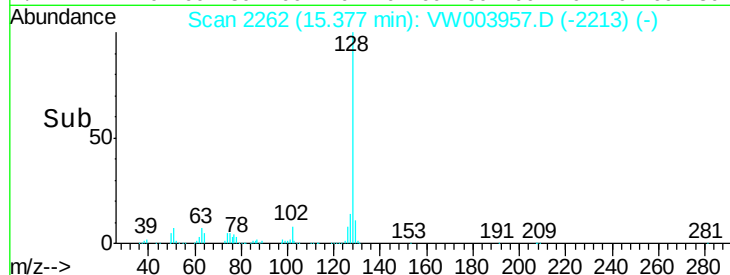
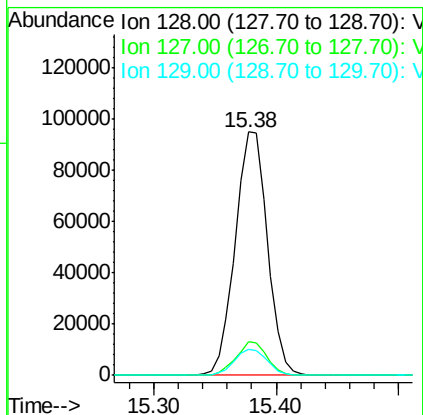
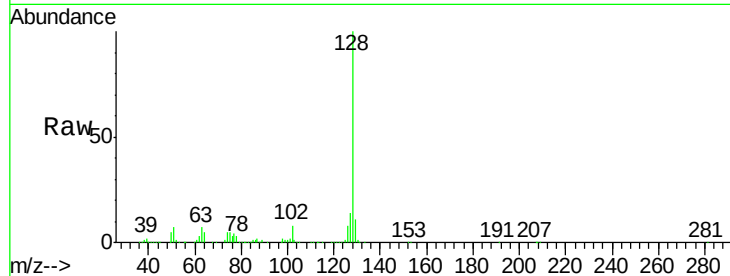
ClientSampleId :

VW0716SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 173207 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.7  | 16.1   |
| 129       | 10.9  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 21.53 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003957.D

Acq: 16 Jul 2018 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 79323 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.3  | 47.5  | 142.6 |
| 145       | 31.4  | 15.8  | 47.4  |

