

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\  
 Data File : VW004317.D  
 Acq On : 29 Jul 2018 16:56  
 Operator : SY/AP  
 Sample : VW0730SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBSD01

Manual Integrations  
 APPROVED

apatel  
 7/30/2018 10:32:57 AM

Quant Time: Jul 30 04:55:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 30 02:37:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 163579   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 237368   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 211557   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 119440   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 80235    | 48.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.26%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 75806    | 50.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.06% |      |
| 50) Toluene-d8            | 10.33  | 98  | 291932   | 49.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.48%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 104211   | 49.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.84%  |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 18162  | 31.46  | ug/l   | 95     |
| 3) Chloromethane              | 2.21 | 50  | 29324  | 36.32  | ug/l   | 90     |
| 4) Vinyl Chloride             | 2.36 | 62  | 41255  | 28.50  | ug/l   | 96     |
| 5) Bromomethane               | 2.77 | 94  | 22473  | 22.62  | ug/l   | 98     |
| 6) Chloroethane               | 2.92 | 64  | 18877  | 20.30  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 18836  | 18.92  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.67 | 74  | 20460  | 28.43  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.05 | 101 | 35325  | 22.79  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.26 | 142 | 44223  | 19.00  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.18 | 59  | 11810  | 106.22 | ug/l # | 82     |
| 12) 1,1-Dichloroethene        | 4.02 | 96  | 36914  | 23.85  | ug/l   | 93     |
| 13) Acrolein                  | 3.89 | 56  | 11058  | 110.43 | ug/l   | 97     |
| 14) Allyl chloride            | 4.65 | 41  | 37518  | 15.27  | ug/l # | 87     |
| 15) Acrylonitrile             | 5.37 | 53  | 30560  | 85.64  | ug/l   | 98     |
| 16) Acetone                   | 4.12 | 43  | 29286  | 80.08  | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.37 | 76  | 80447  | 16.61  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 14431  | 16.32  | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 53579  | 18.83  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.91 | 84  | 29703  | 17.80  | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 30615  | 18.25  | ug/l   | 90     |
| 22) Diisopropyl ether         | 6.31 | 45  | 75091  | 15.16  | ug/l # | 94     |
| 23) Vinyl Acetate             | 6.25 | 43  | 223203 | 77.67  | ug/l # | 92     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 51153  | 16.39  | ug/l   | 97     |
| 25) 2-Butanone                | 7.17 | 43  | 37157  | 81.08  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 32067  | 17.33  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 32839  | 18.48  | ug/l   | 93     |
| 28) Bromochloromethane        | 7.51 | 49  | 18091  | 16.18  | ug/l # | 67     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 23496  | 76.16  | ug/l # | 87     |
| 30) Chloroform                | 7.67 | 83  | 56487  | 18.54  | ug/l   | 96     |
| 31) Cyclohexane               | 7.95 | 56  | 44041  | 15.63  | ug/l # | 84     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 47085  | 18.82  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 41632  | 17.53  | ug/l   | 96     |
| 37) Ethyl Acetate             | 7.26 | 43  | 16932  | 17.40  | ug/l # | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 46040  | 19.64  | ug/l   | 96     |

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 Sample : VW0730SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0730SBS01

Manual Integrations  
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apatel  
 7/30/2018 10:32:57 AM

Quant Time: Jul 30 04:55:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 30 02:37:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 50427    | 17.62  | ug/l   | 92       |
| 40) Benzene                    | 8.32  | 78   | 121472   | 18.18  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 9098     | 15.76  | ug/l # | 81       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 37906    | 19.85  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 32177    | 18.35  | ug/l   | 97       |
| 44) Trichloroethene            | 9.09  | 130  | 34839    | 19.32  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 27903    | 16.83  | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 15408    | 18.20  | ug/l   | 87       |
| 47) Bromodichloromethane       | 9.65  | 83   | 40821    | 19.01  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.44  | 41   | 15289    | 17.12  | ug/l   | 86       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 5022     | 391.37 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 83107    | 86.34  | ug/l   | 95       |
| 52) Toluene                    | 10.39 | 92   | 79581    | 18.97  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 42263    | 19.65  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 46267    | 18.46  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 23415    | 19.42  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 28349    | 19.42  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 38580    | 18.78  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 60286    | 92.99  | ug/l   | 90       |
| 59) 2-Hexanone                 | 10.98 | 43   | 56446    | 85.41  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 28903    | 20.03  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 21562    | 18.75  | ug/l   | 94       |
| 64) Tetrachloroethene          | 10.87 | 164  | 32327    | 20.86  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.66 | 112  | 87788    | 19.76  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 31845    | 20.32  | ug/l   | 95       |
| 67) Ethyl Benzene              | 11.74 | 91   | 146149   | 18.87  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.85 | 106  | 115667   | 38.81  | ug/l   | 97       |
| 69) o-Xylene                   | 12.17 | 106  | 55718    | 20.23  | ug/l   | 95       |
| 70) Styrene                    | 12.18 | 104  | 93571    | 20.11  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 18766    | 21.37  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 154341   | 18.64  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.28 | 43   | 28442    | 15.69  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 25330    | 17.46  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 17672m   | 16.21  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 39847    | 19.91  | ug/l   | 88       |
| 78) n-propylbenzene            | 12.81 | 91   | 178540   | 17.70  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 105152   | 18.22  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 136499   | 19.13  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 8112     | 17.32  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 114451   | 18.74  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 114868   | 19.33  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 141639   | 19.47  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 159813   | 18.41  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 146242   | 18.75  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 79298    | 19.80  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 75698    | 18.94  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 131855   | 18.11  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 26179    | 18.82  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 67881    | 18.93  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 5133     | 20.27  | ug/l   | 97       |

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Sample : VW0730SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBSD01

Manual Integrations  
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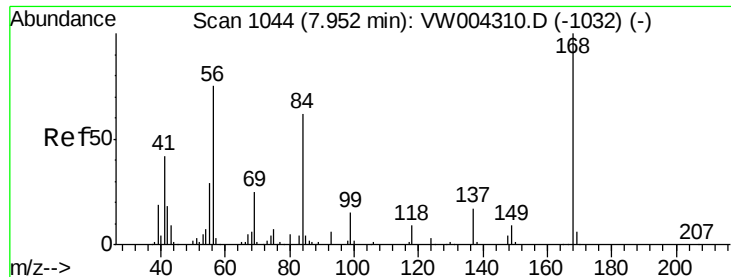
apatel  
7/30/2018 10:32:57 AM

Quant Time: Jul 30 04:55:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W073018S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 30 02:37:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 52447    | 20.83 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 31159    | 20.26 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 90143    | 20.81 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 45221    | 20.53 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBSD01

Tot Ion:168 Resp: 163579

Ion Ratio Lower Upper

168 100

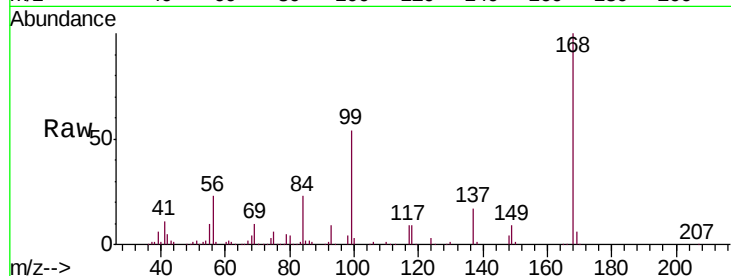
99 53.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

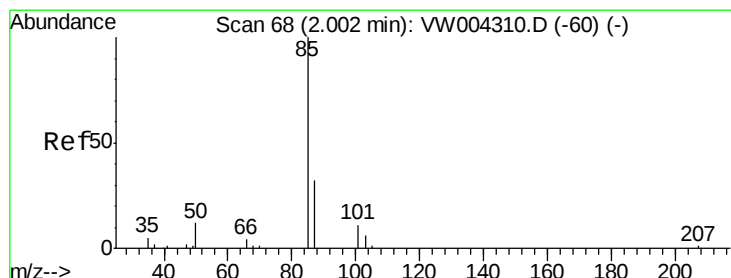
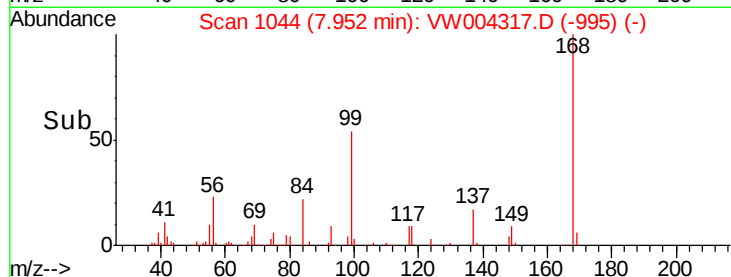
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 31.46 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004317.D

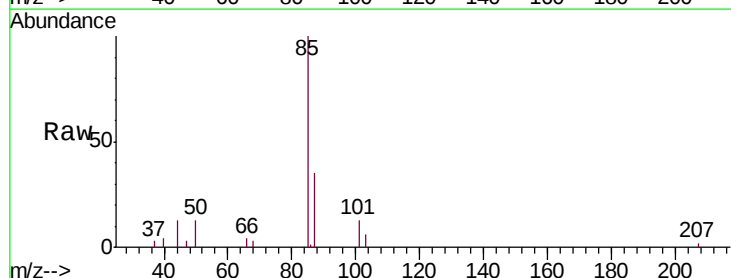
Acq: 29 Jul 2018 16:56

Tgt Ion: 85 Resp: 18162

Ion Ratio Lower Upper

85 100

87 34.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

4000

2000

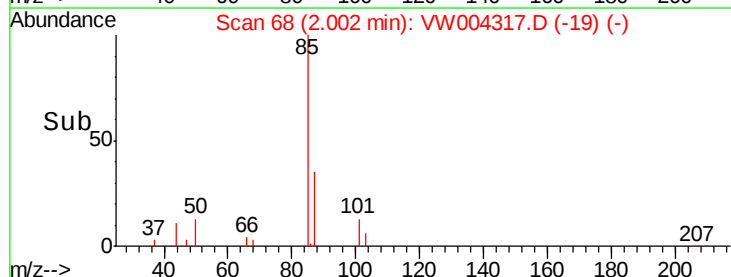
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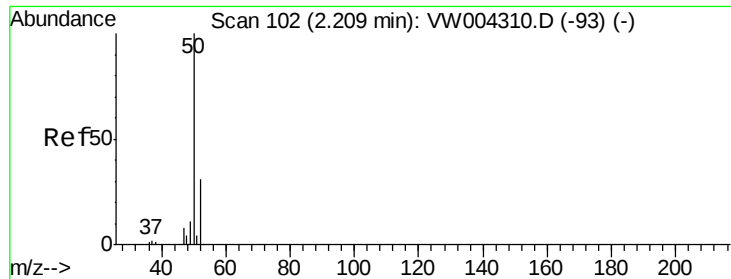
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 36.32 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBSD01

Tot Ion: 50 Resp: 29324

Ion Ratio Lower Upper

50 100

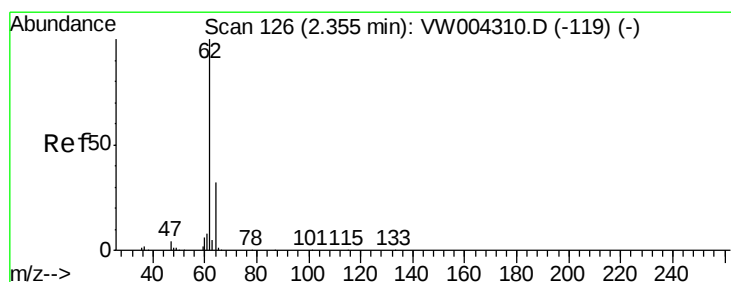
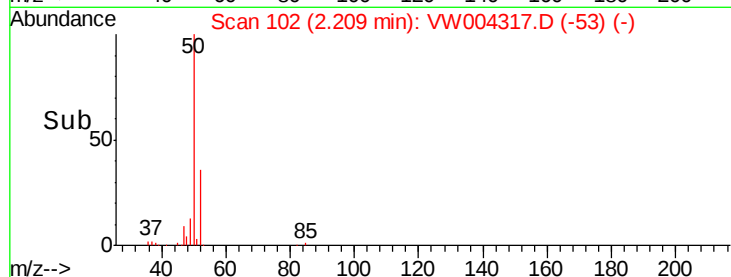
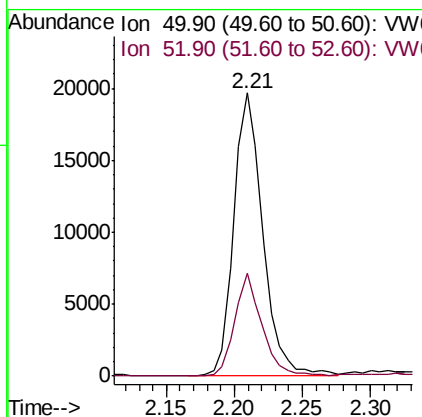
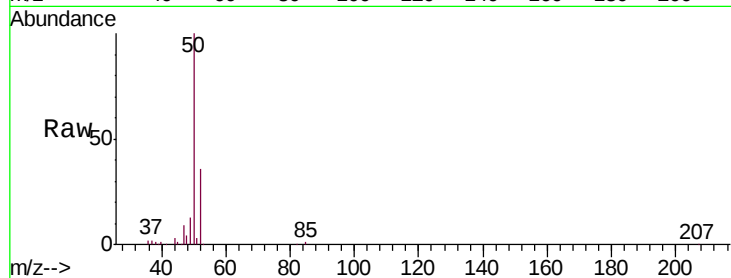
52 36.5 24.8 37.2

Manual Integrations

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7/30/2018 10:32:57 AM



#4

Vinyl Chloride

Concen: 28.50 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004317.D

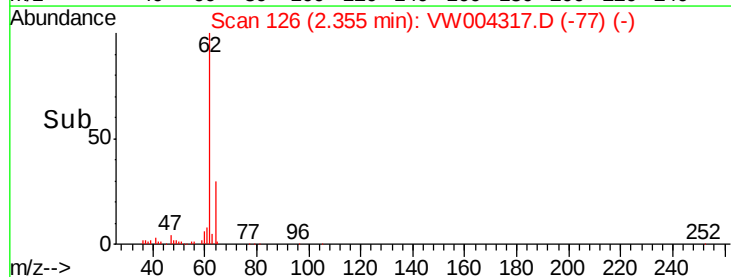
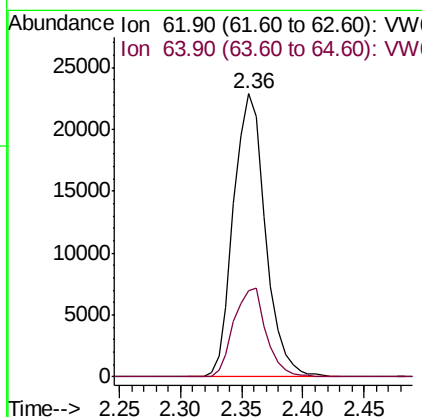
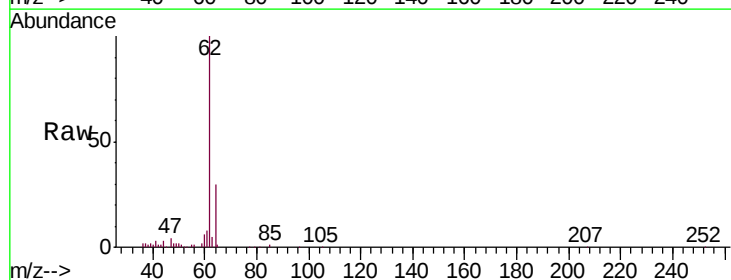
Acq: 29 Jul 2018 16:56

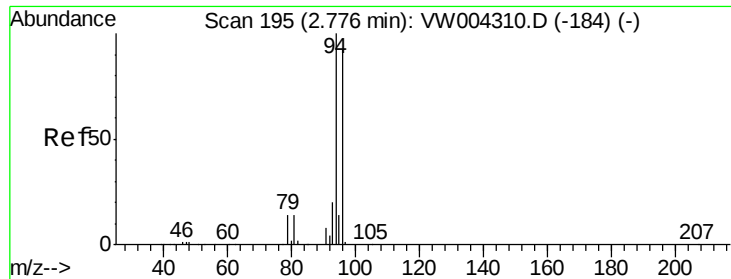
Tgt Ion: 62 Resp: 41255

Ion Ratio Lower Upper

62 100

64 30.4 25.9 38.9





#5

Bromomethane

Concen: 22.62 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 94 Resp: 22473

Ion Ratio Lower Upper

94 100

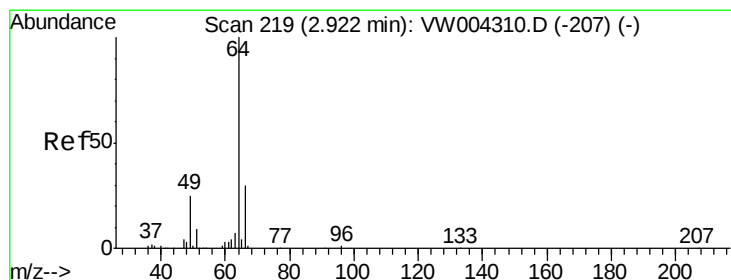
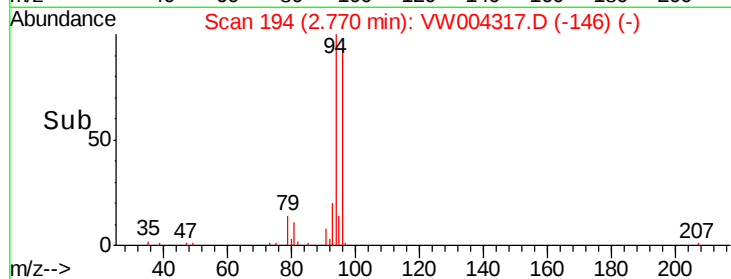
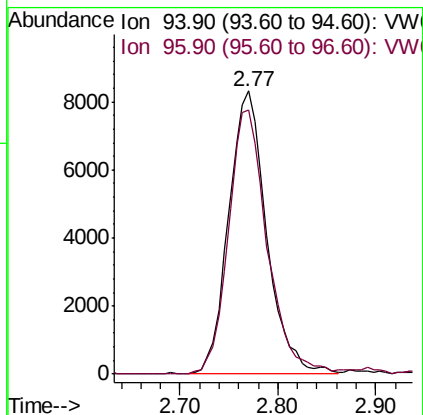
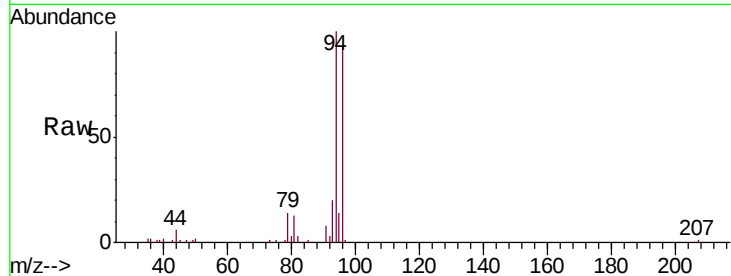
96 93.4 73.3 109.9

Manual Integrations

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7/30/2018 10:32:57 AM



#6

Chloroethane

Concen: 20.30 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004317.D

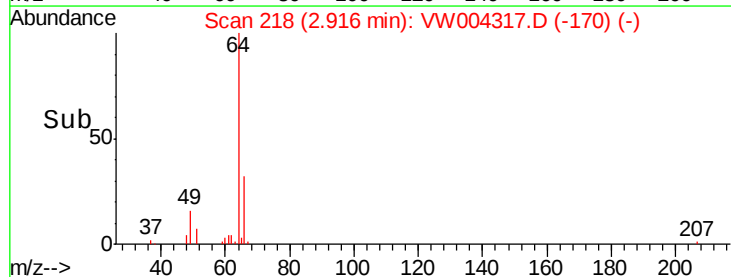
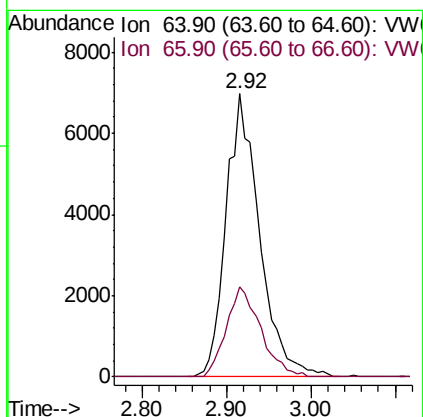
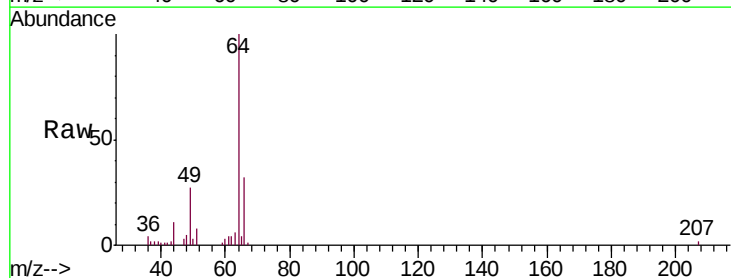
Acq: 29 Jul 2018 16:56

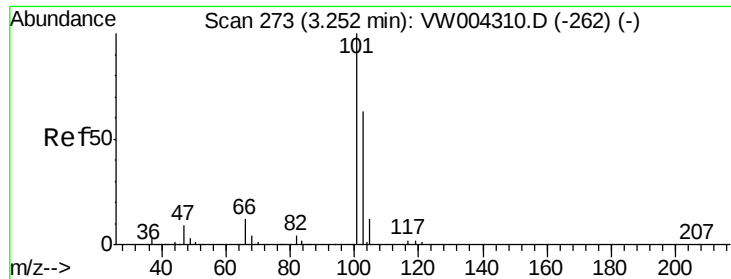
Tgt Ion: 64 Resp: 18877

Ion Ratio Lower Upper

64 100

66 31.9 23.7 35.5





#7

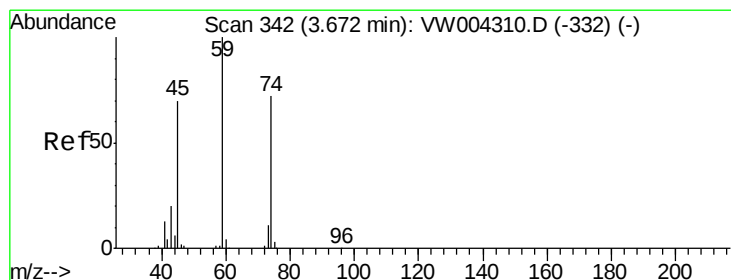
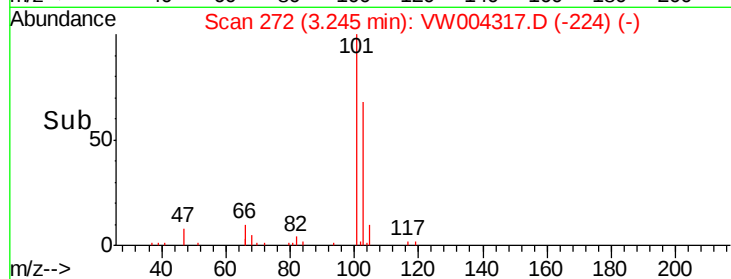
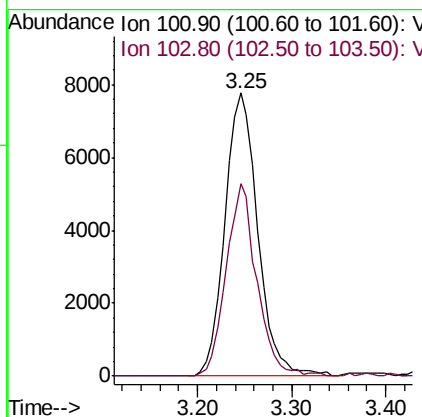
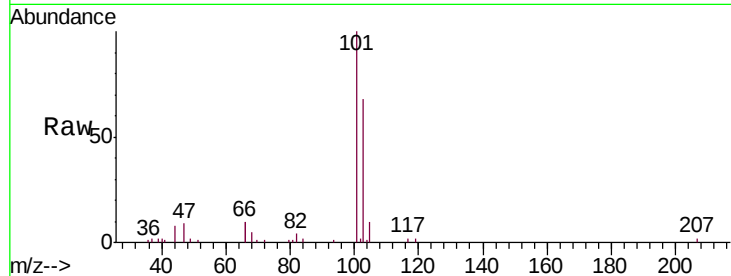
Trichlorofluoromethane  
 Concen: 18.92 ug/l  
 RT: 3.25 min Scan# 272  
 Delta R.T. -0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 68.2  | 50.8  | 76.2  |

Manual Integrations  
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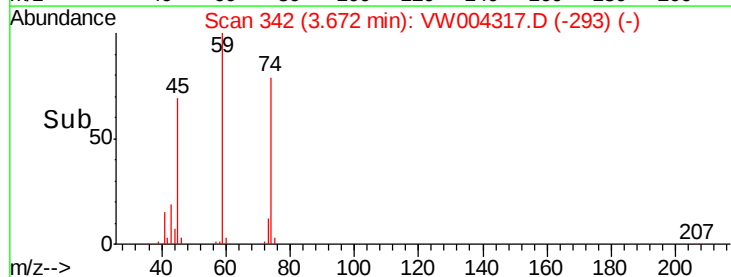
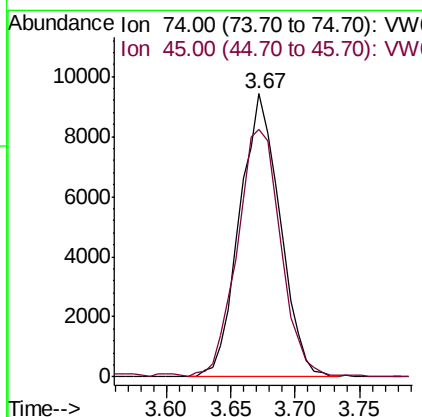
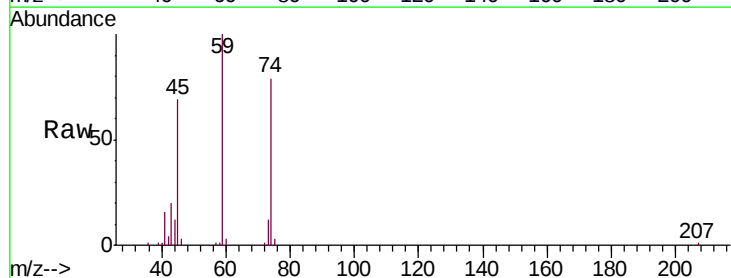
apatel  
 7/30/2018 10:32:57 AM

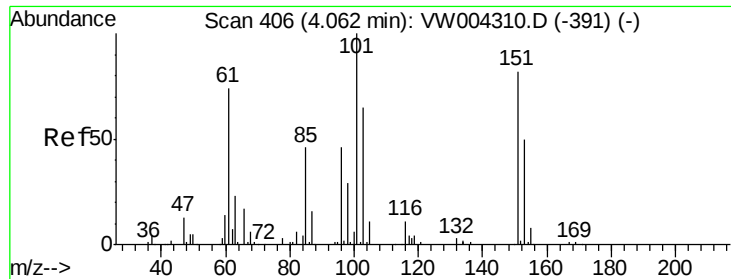


#8

Diethyl Ether  
 Concen: 28.43 ug/l  
 RT: 3.67 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.5  | 49.4  | 148.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.79 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

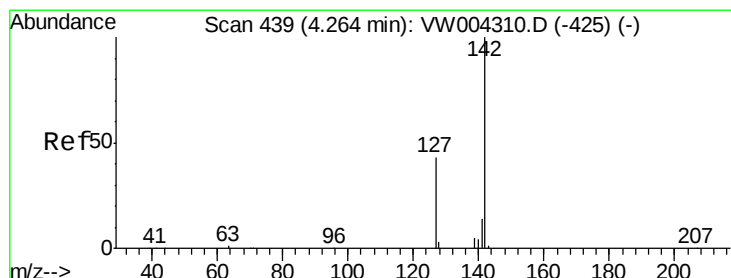
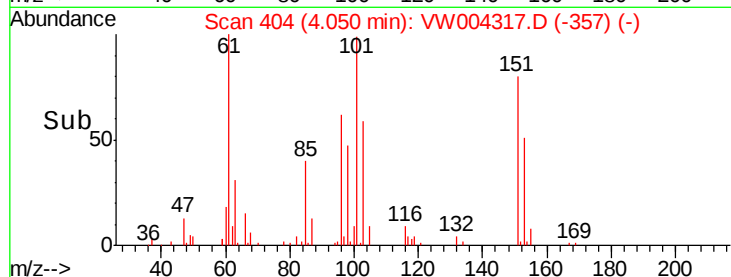
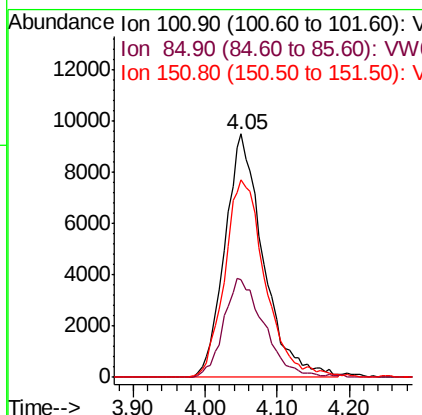
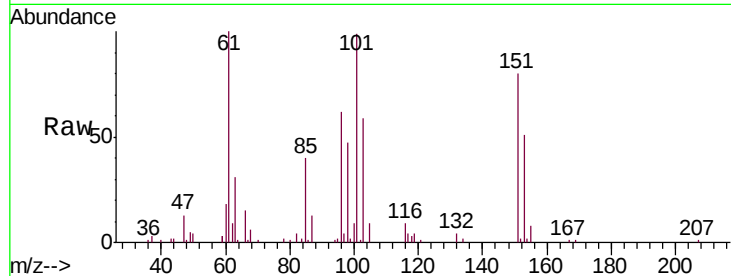
ClientSampleId :

VW0730SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 35325 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.5  | 35.5  | 53.3  |
| 151       | 85.7  | 64.6  | 97.0  |

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#10

Methyl Iodide

Concen: 19.00 ug/l

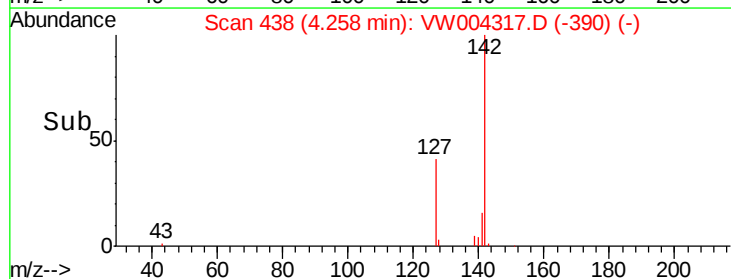
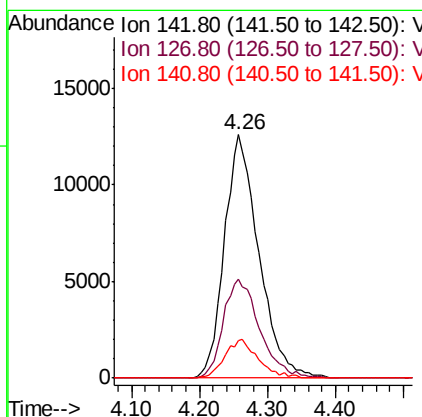
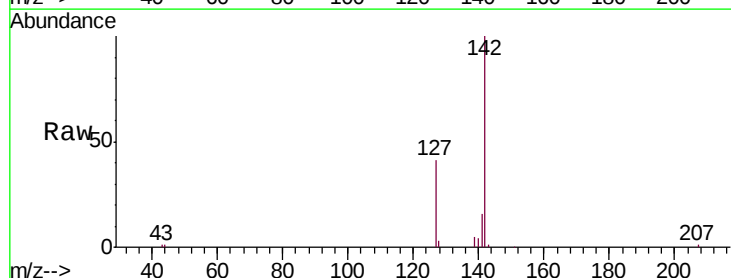
RT: 4.26 min Scan# 438

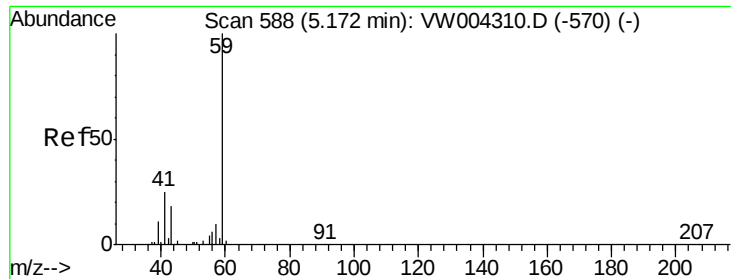
Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 44223 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.8  | 34.6  | 52.0  |
| 141       | 15.5  | 11.5  | 17.3  |





#11

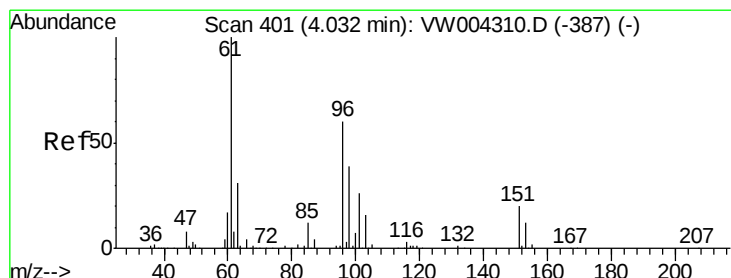
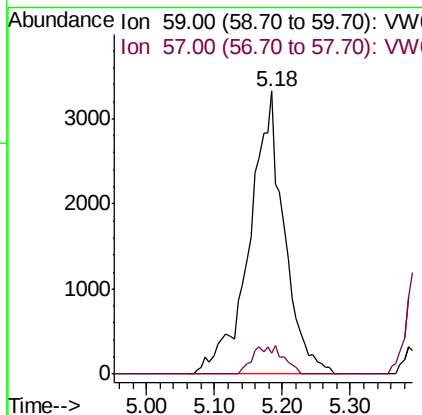
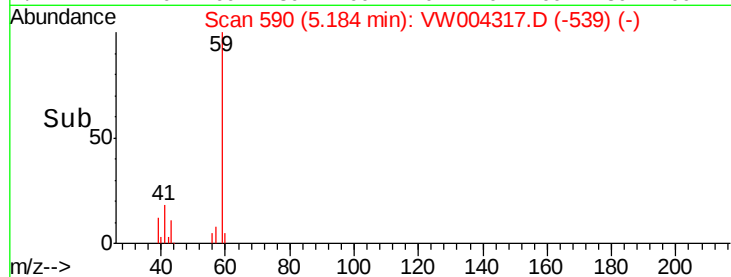
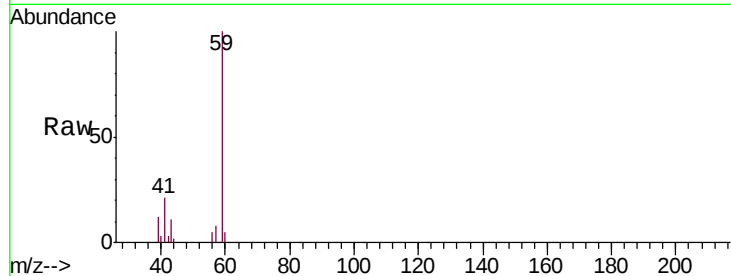
Tert butyl alcohol  
Concen: 106.22 ug/l  
RT: 5.18 min Scan# 590  
Delta R.T. 0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion   | 59  | Resp  | 11810 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 59        | 100 |       |       |
| 57        | 3.7 | 8.4   | 12.6# |

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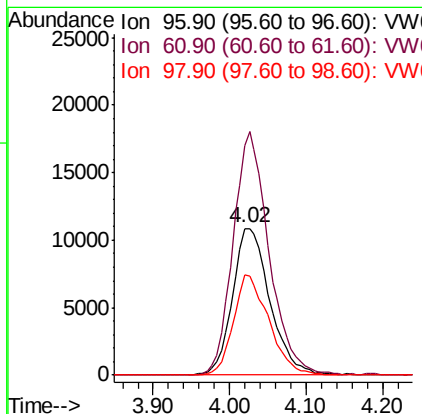
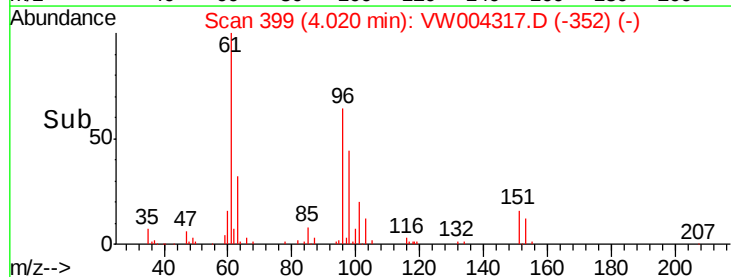
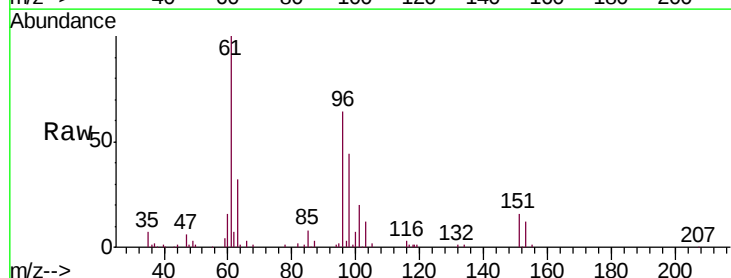
apatel  
7/30/2018 10:32:57 AM

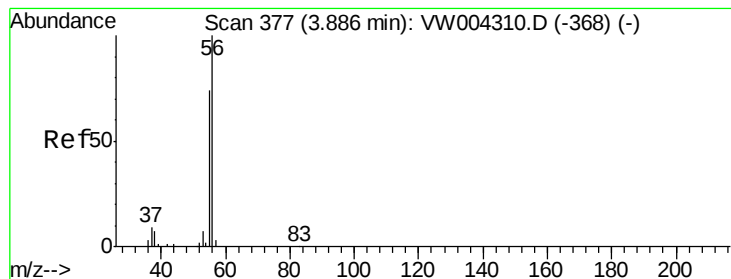


#12

1,1-Dichloroethene  
Concen: 23.85 ug/l  
RT: 4.02 min Scan# 399  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion   | 96    | Resp  | 36914 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 96        | 100   |       |       |
| 61        | 156.5 | 133.4 | 200.0 |
| 98        | 68.4  | 51.9  | 77.9  |





#13

Acrolein

Concen: 110.43 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 56 Resp: 11058

Ion Ratio Lower Upper

56 100

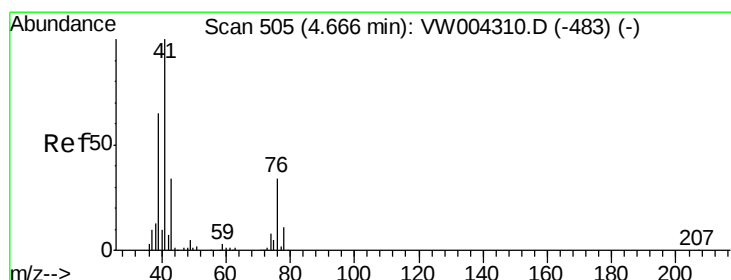
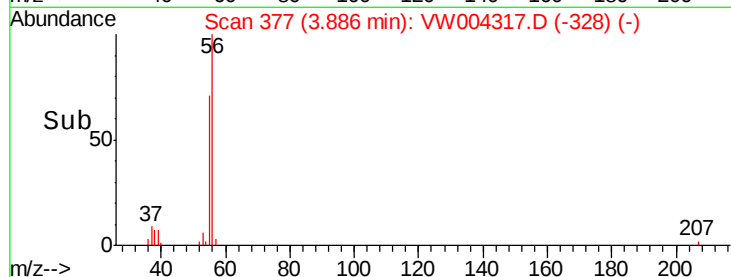
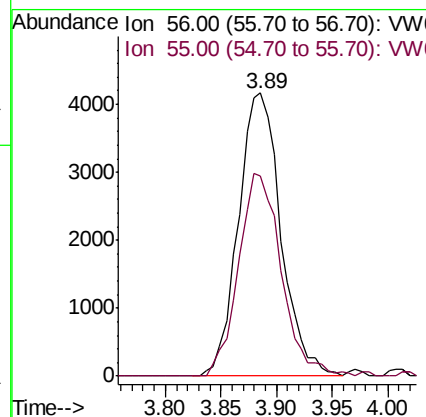
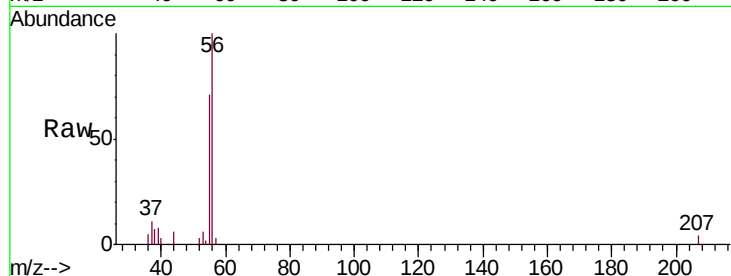
55 71.9 59.4 89.2

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#14

Allyl chloride

Concen: 15.27 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

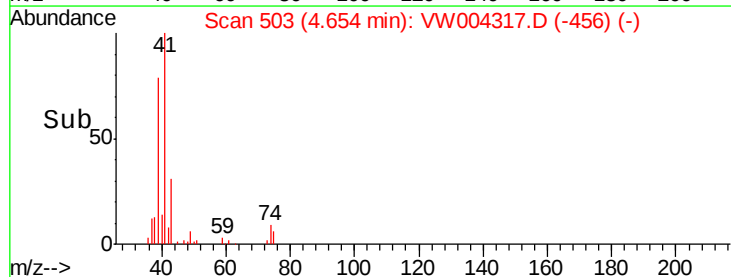
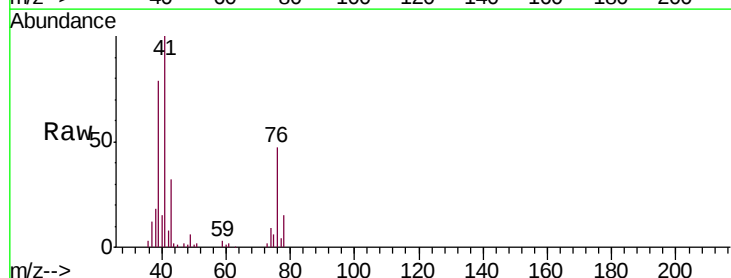
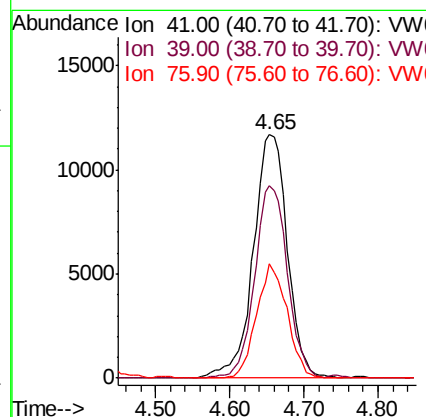
Tgt Ion: 41 Resp: 37518

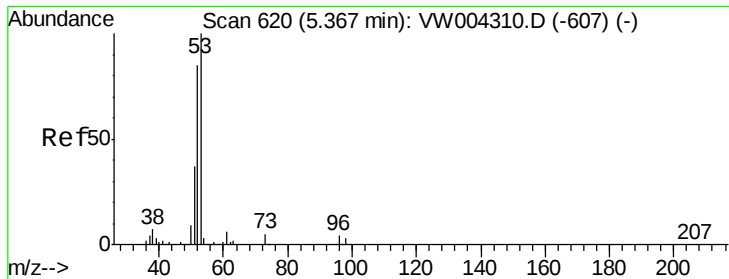
Ion Ratio Lower Upper

41 100

39 75.8 52.3 78.5

76 42.0 27.3 40.9#





#15

Acrylonitrile

Concen: 85.64 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

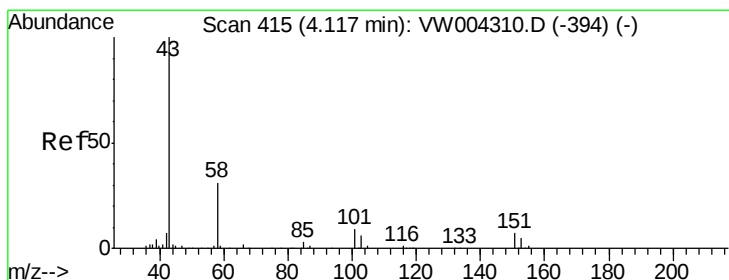
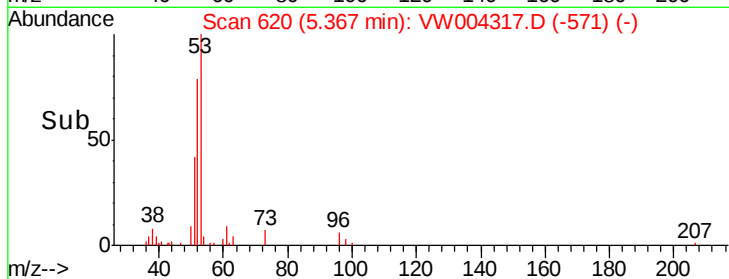
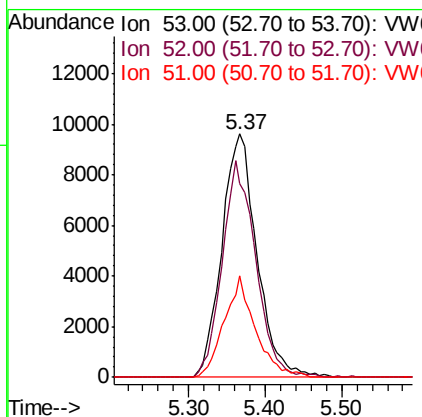
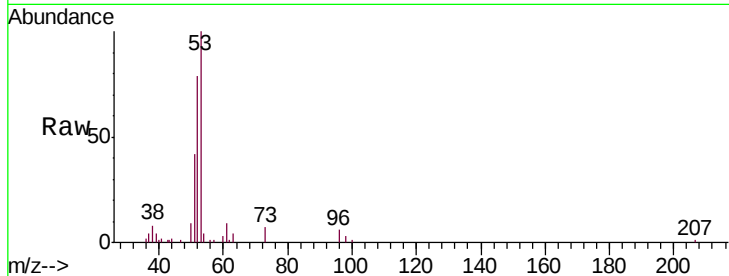
ClientSampleId :

VW0730SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 30560 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.6  | 65.7  | 98.5  |
| 51       | 37.0  | 29.2  | 43.8  |

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#16

Acetone

Concen: 80.08 ug/l

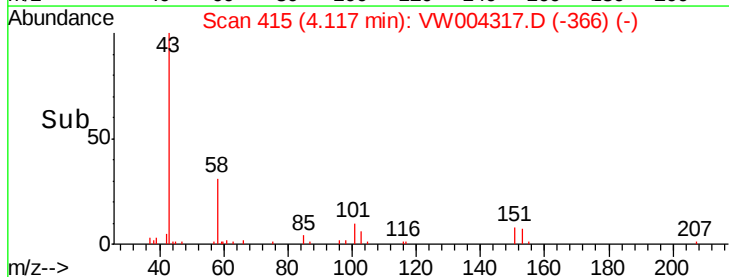
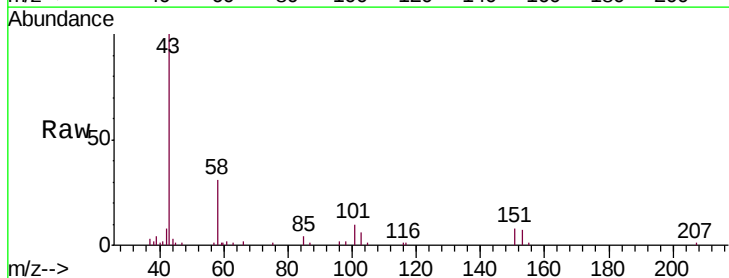
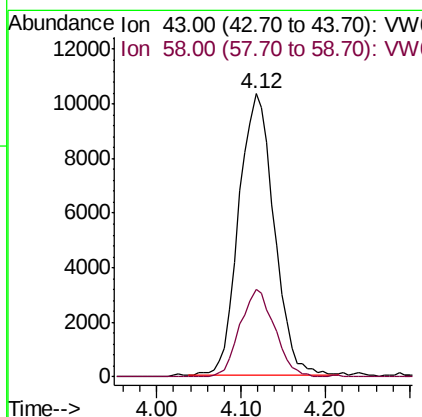
RT: 4.12 min Scan# 415

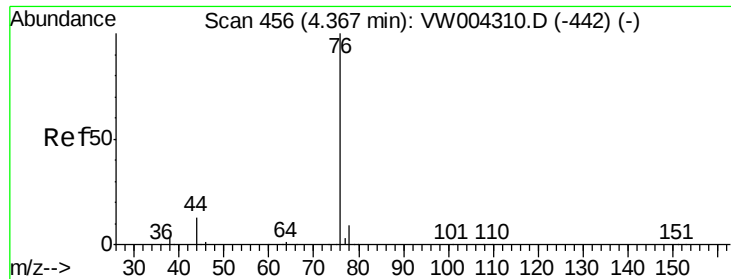
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 29286 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.1  | 24.8  | 37.2  |





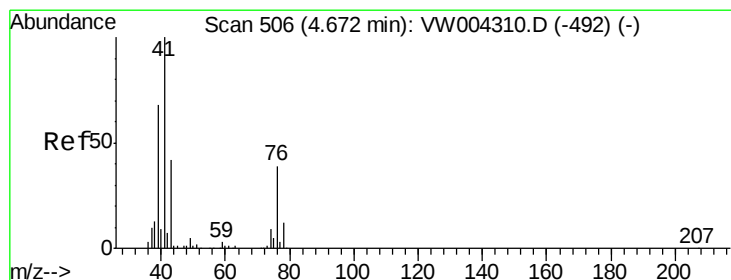
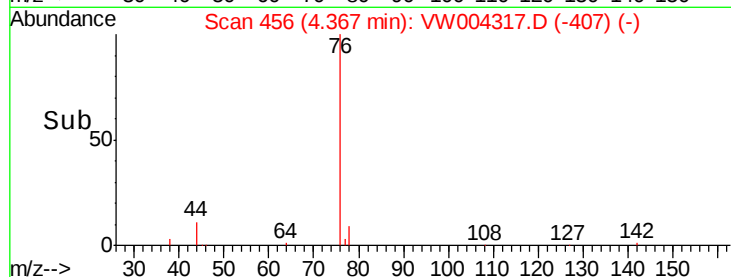
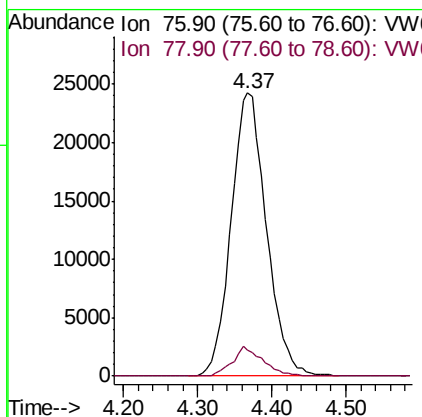
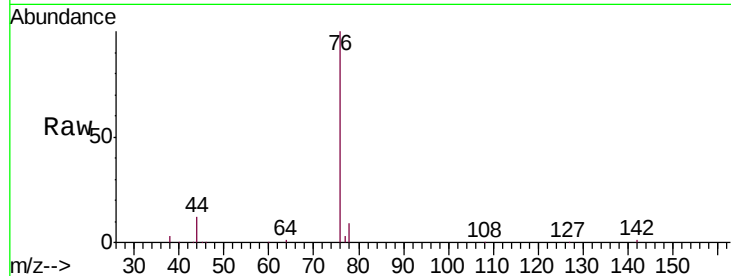
#17  
Carbon Disulfide  
Concen: 16.61 ug/l  
RT: 4.37 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.4   | 11.0  |

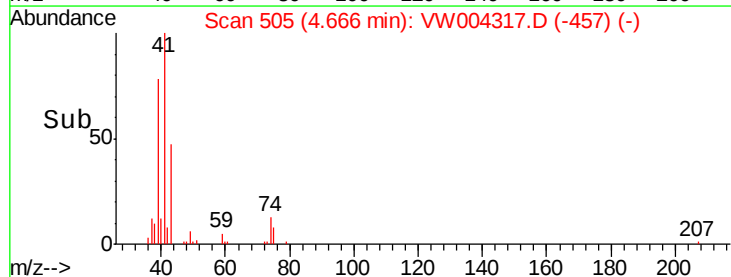
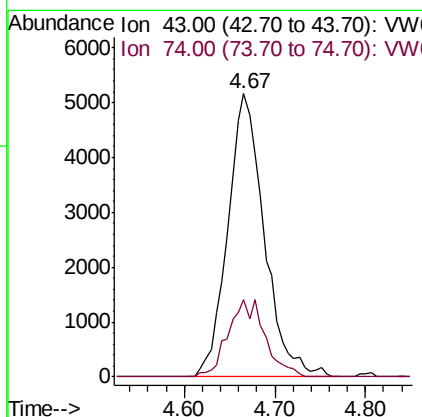
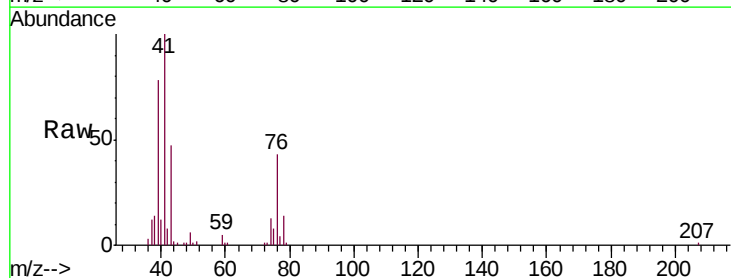
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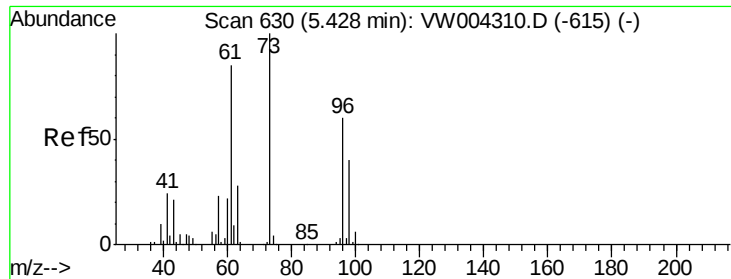
apatel  
7/30/2018 10:32:57 AM



#18  
Methyl Acetate  
Concen: 16.32 ug/l  
RT: 4.67 min Scan# 505  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.6  | 17.8  | 26.6# |





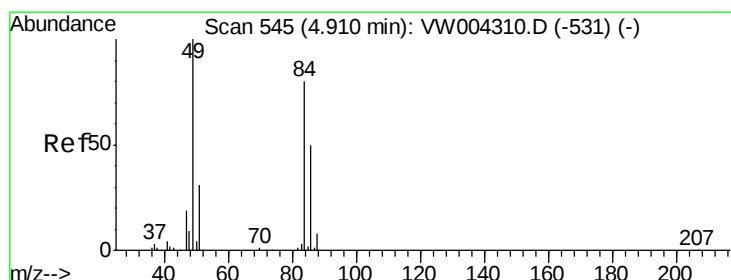
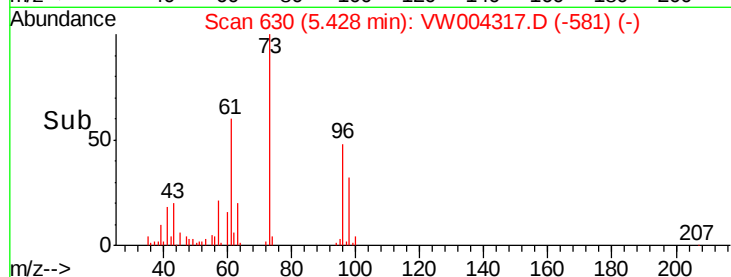
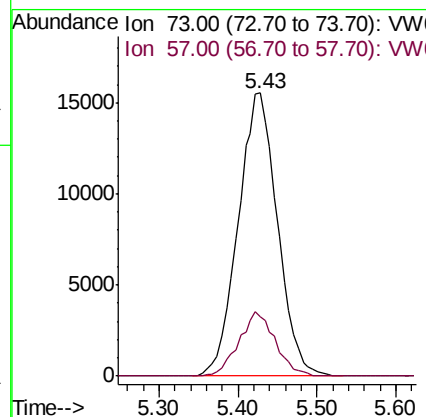
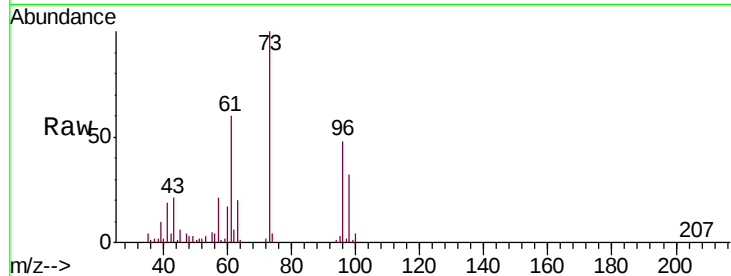
#19  
Methvl tert-butvl Ether  
Concen: 18.83 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

Tot Ion: 73 Resp: 53579  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.4 27.6

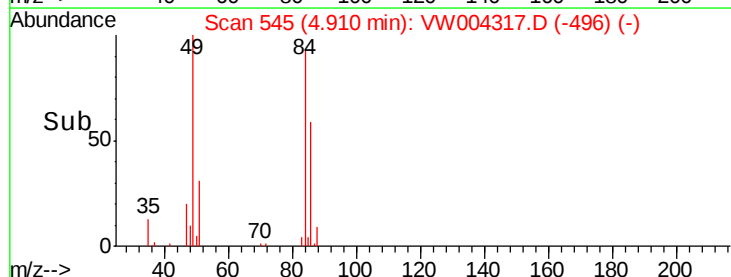
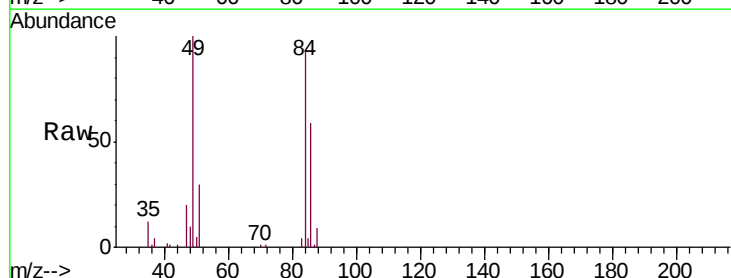
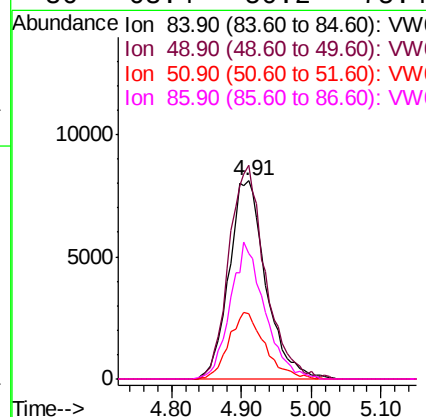
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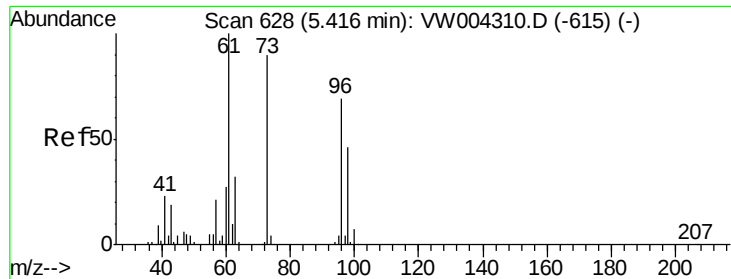
apatel  
7/30/2018 10:32:57 AM



#20  
Methylene Chloride  
Concen: 17.80 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Tgt Ion: 84 Resp: 29703  
Ion Ratio Lower Upper  
84 100  
49 107.8 100.5 150.7  
51 32.9 30.9 46.3  
86 63.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 18.25 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

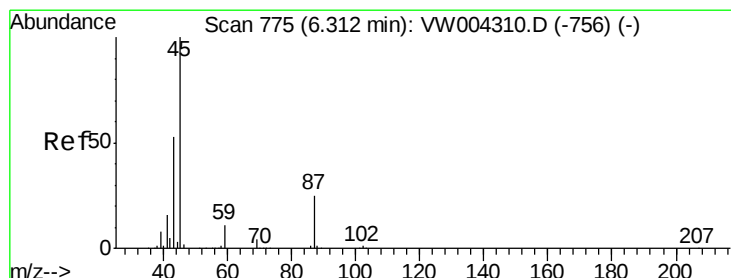
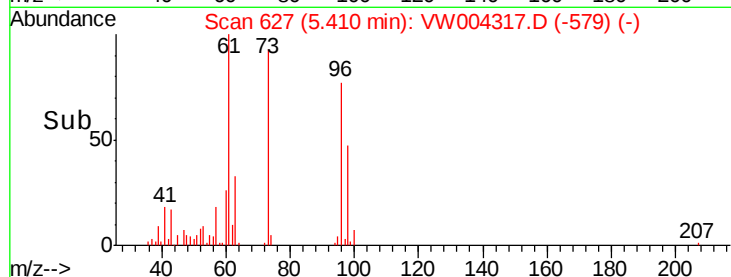
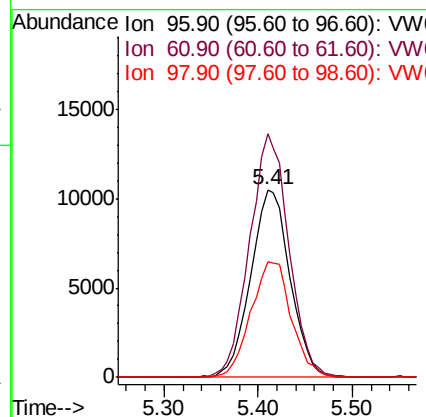
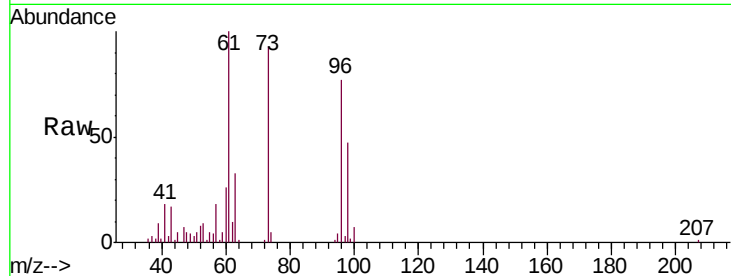
ClientSampleId :

VW0730SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 30615 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.0 | 116.2 | 174.2 |
| 98       | 61.6  | 52.9  | 79.3  |

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7/30/2018 10:32:57 AM



#22

Diisopropyl ether

Concen: 15.16 ug/l

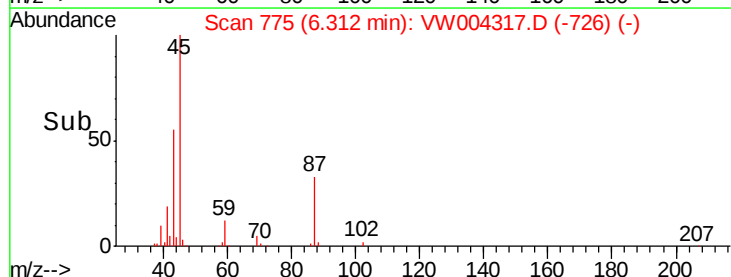
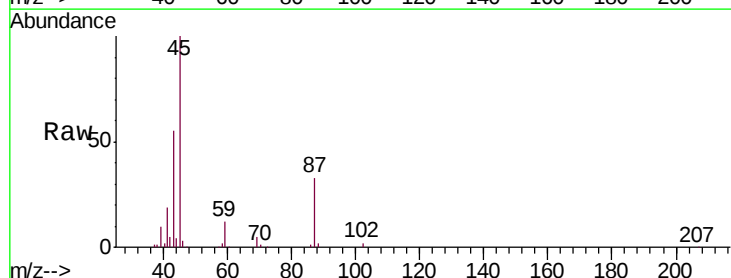
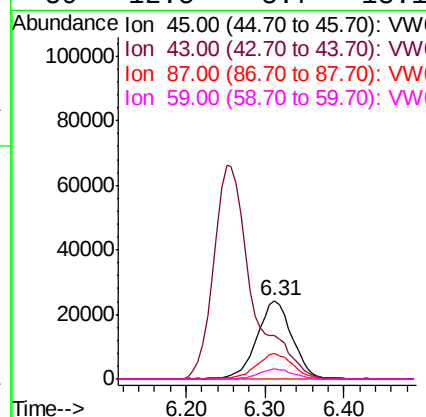
RT: 6.31 min Scan# 775

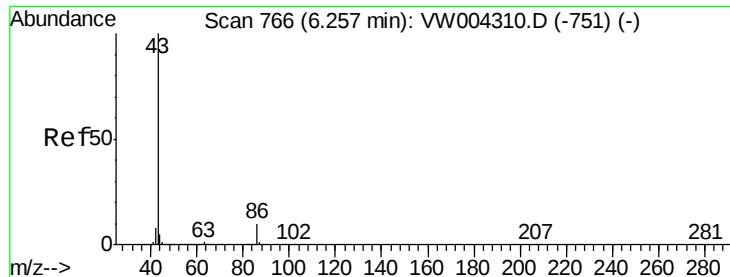
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 75091 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 54.3  | 42.3  | 63.5  |
| 87       | 32.5  | 19.9  | 29.9# |
| 59       | 12.5  | 8.7   | 13.1  |





#23

Vinyl Acetate

Concen: 77.67 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 43 Resp: 223203

Ion Ratio Lower Upper

43 100

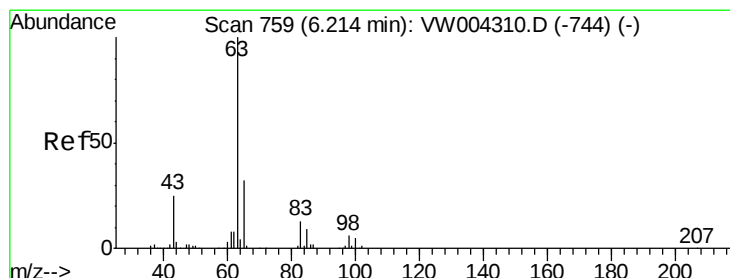
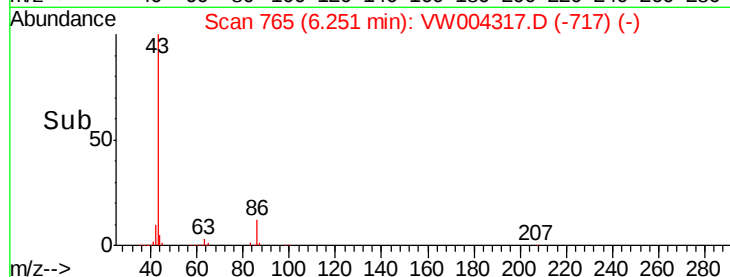
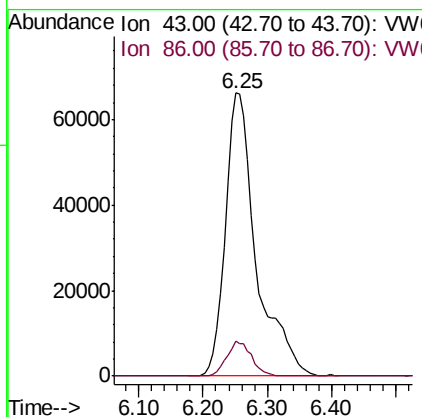
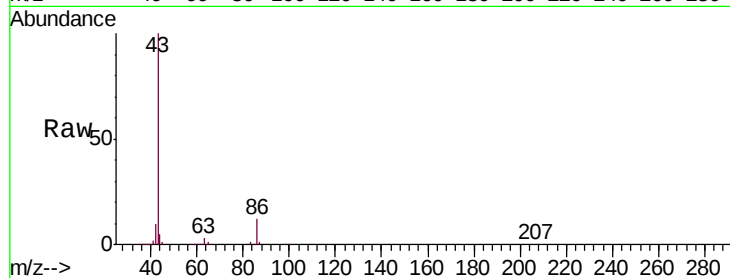
86 12.5 7.7 11.5#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.39 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

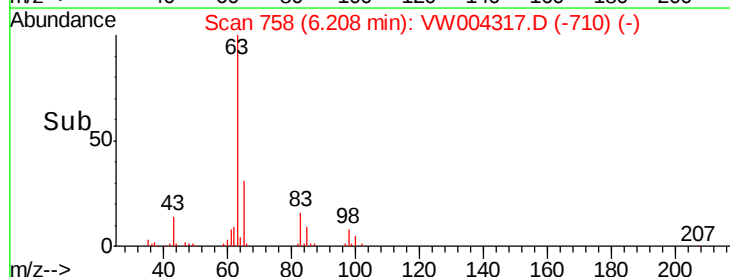
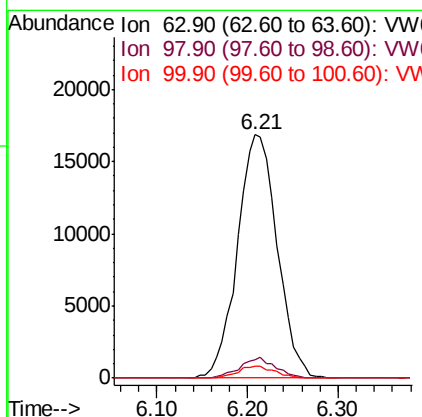
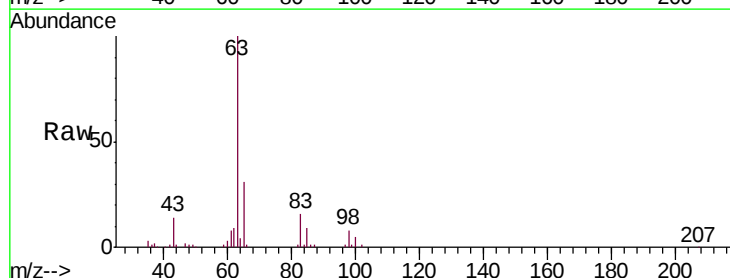
Tgt Ion: 63 Resp: 51153

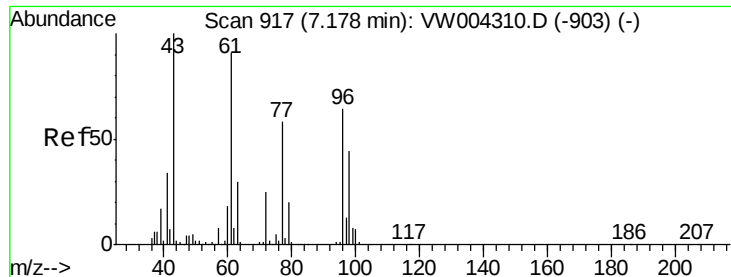
Ion Ratio Lower Upper

63 100

98 7.7 3.2 9.6

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 81.08 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 43 Resp: 37157

Ion Ratio Lower Upper

43 100

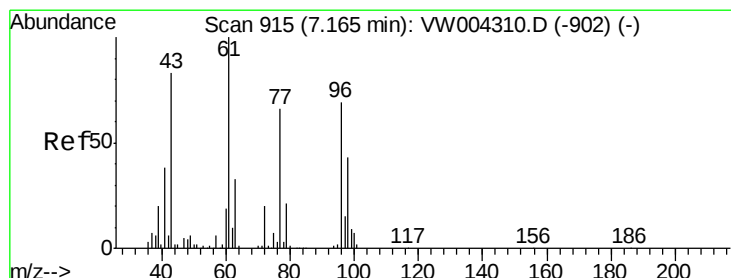
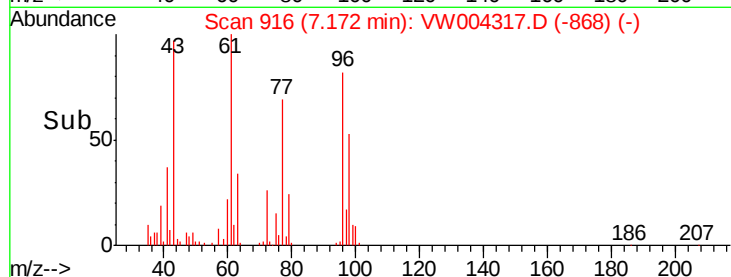
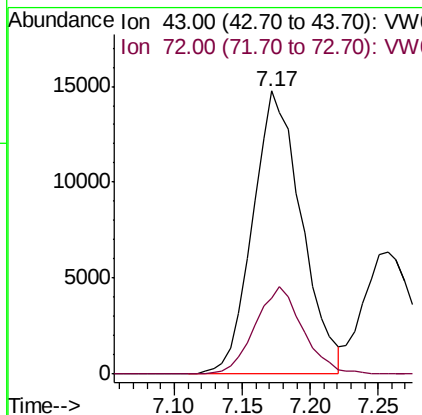
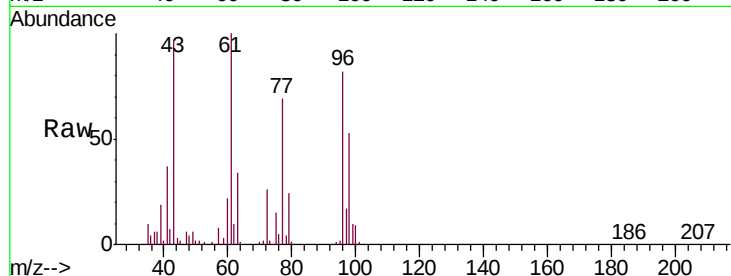
72 26.9 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.33 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004317.D

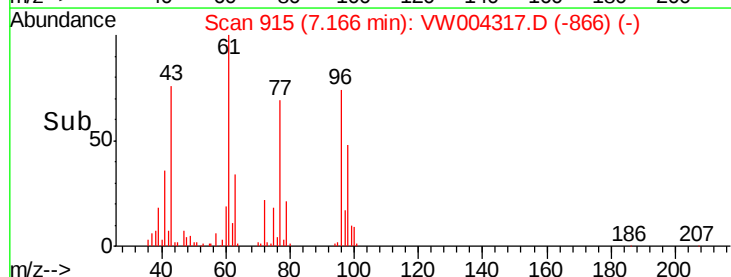
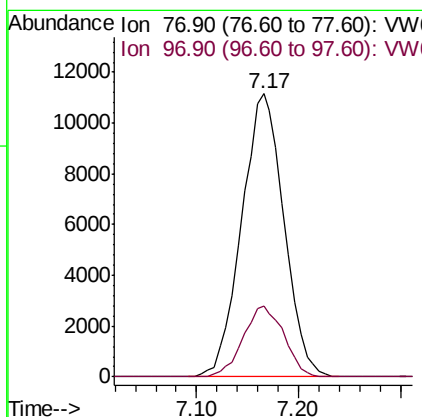
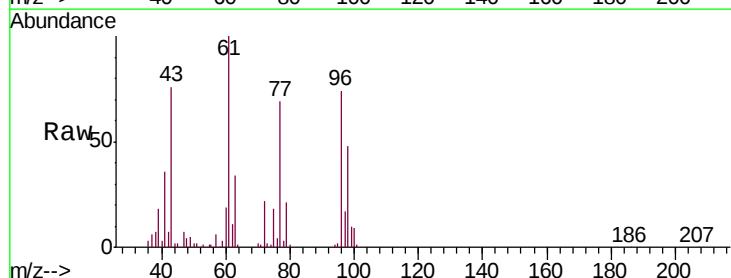
Acq: 29 Jul 2018 16:56

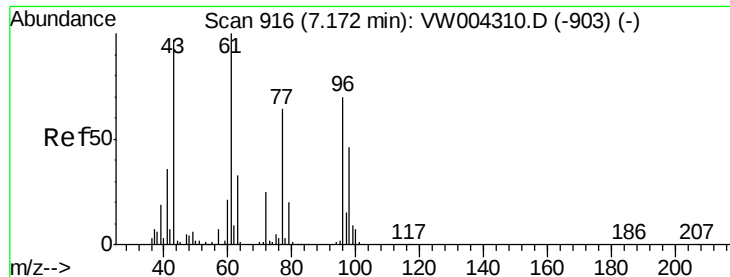
Tgt Ion: 77 Resp: 32067

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

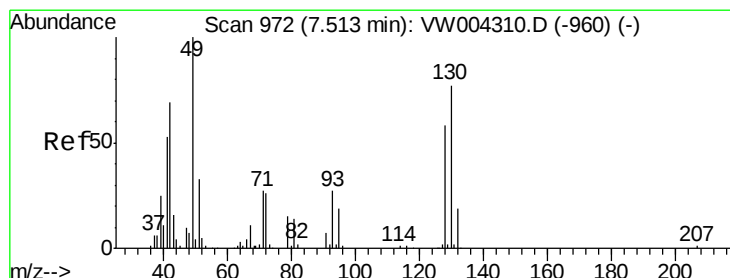
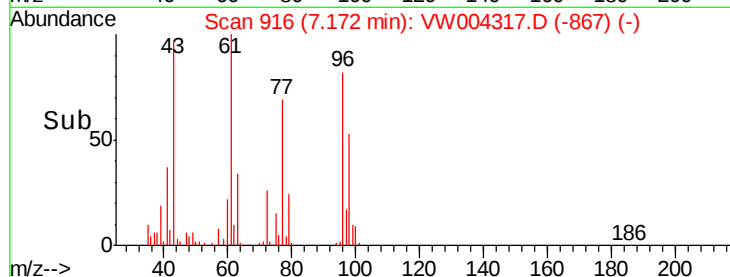
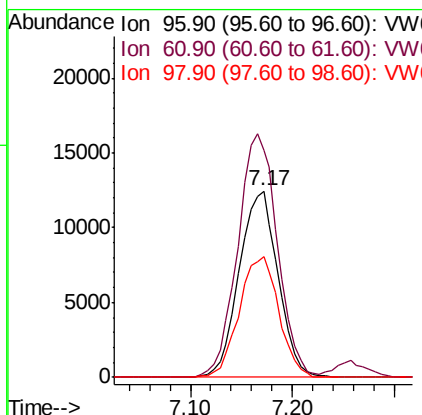
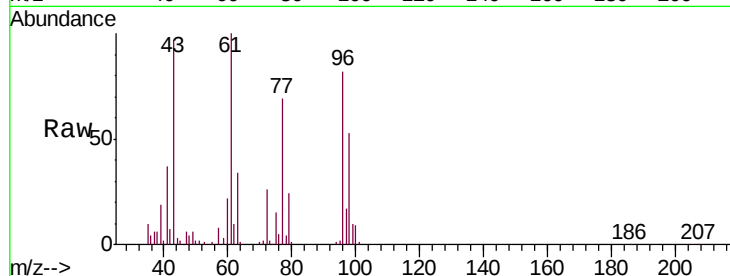
cis-1,2-Dichloroethene  
Concen: 18.48 ug/l  
RT: 7.17 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.1 | 0.0   | 292.0 |
| 98      | 66.2  | 0.0   | 129.6 |

Manual Integrations  
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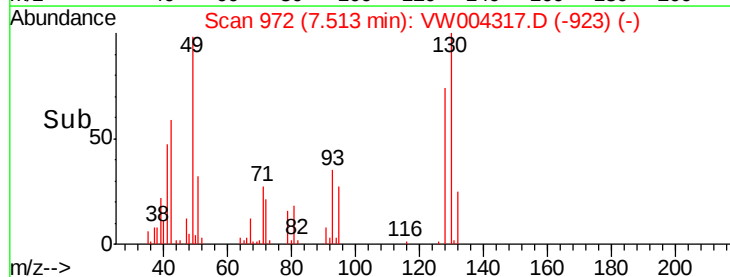
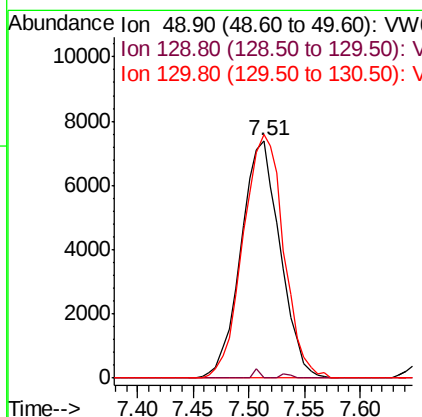
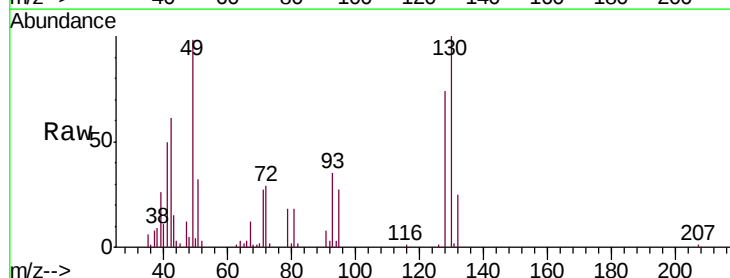
apatel  
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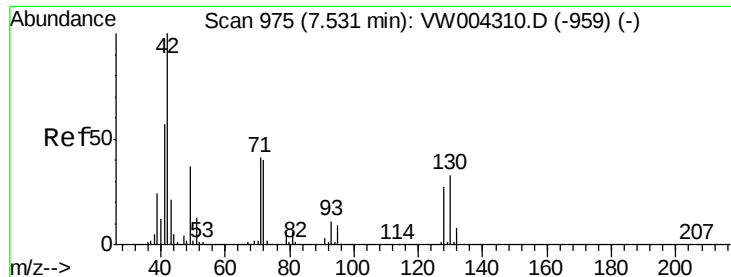


#28

Bromochloromethane  
Concen: 16.18 ug/l  
RT: 7.51 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.6   | 0.0   | 4.6   |
| 130     | 106.4 | 61.5  | 92.3# |





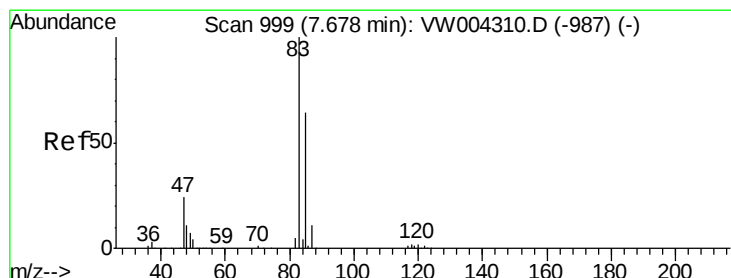
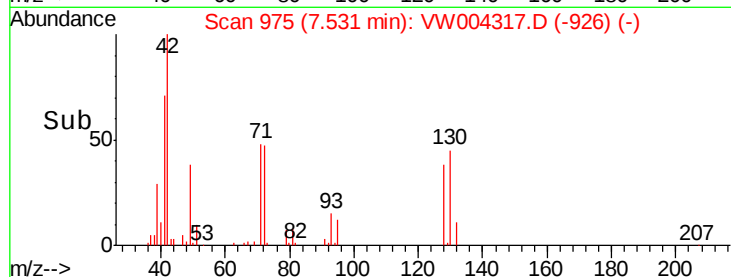
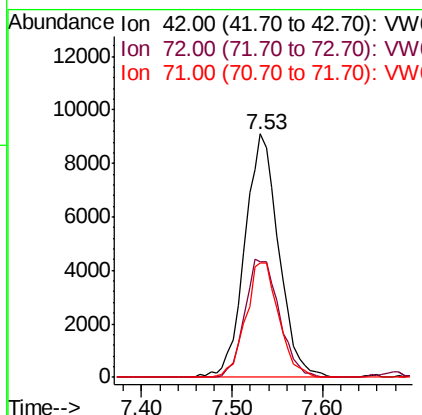
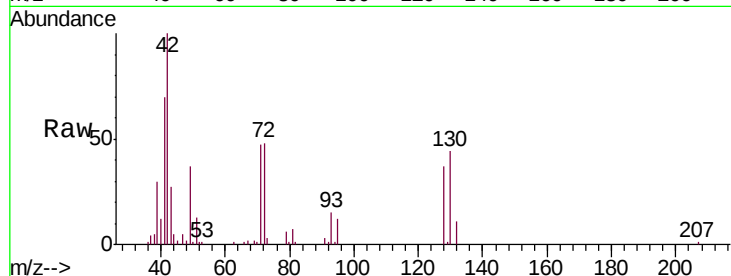
#29  
Tetrahydrofuran  
Concen: 76.16 ug/l  
RT: 7.53 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.5  | 32.6  | 48.8# |
| 71      | 45.9  | 31.3  | 46.9  |

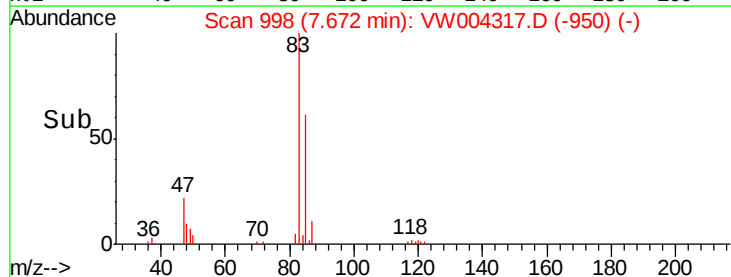
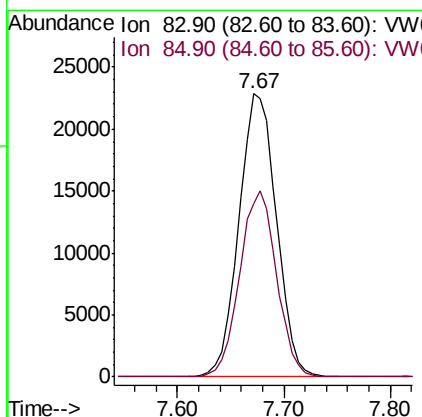
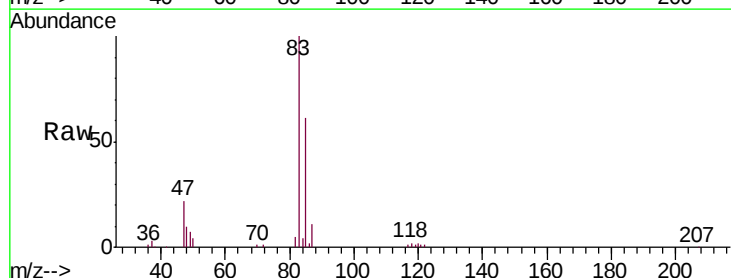
Manual Integrations  
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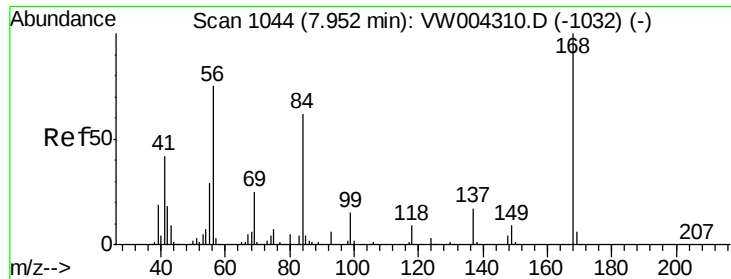
apatel  
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#30  
Chloroform  
Concen: 18.54 ug/l  
RT: 7.67 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.4  | 51.5  | 77.3  |





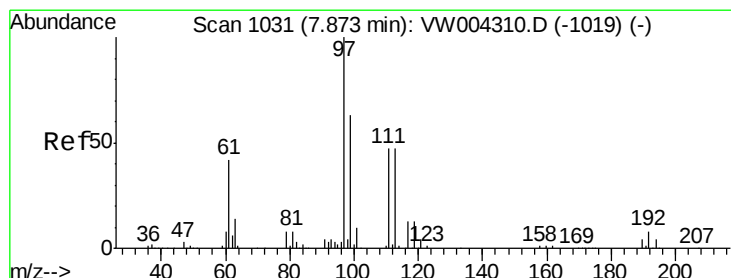
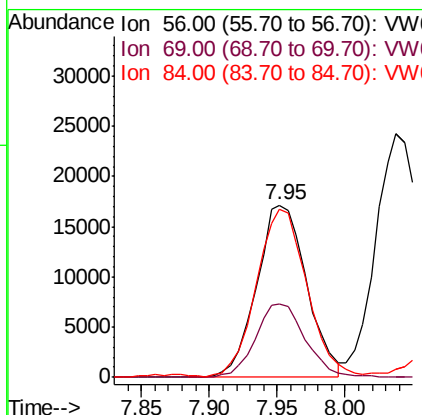
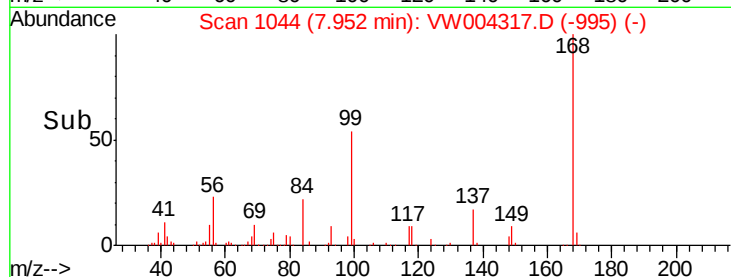
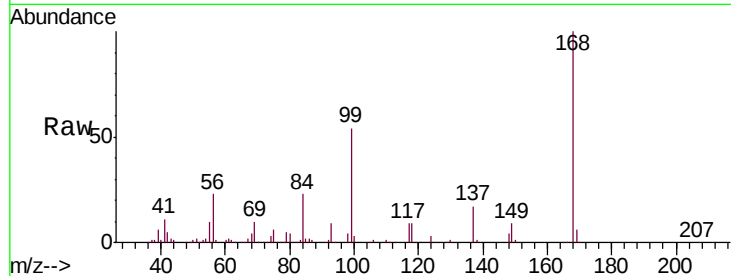
#31  
Cyclohexane  
Concen: 15.63 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 42.5  | 26.3  | 39.5# |
| 84      | 96.3  | 66.2  | 99.4  |

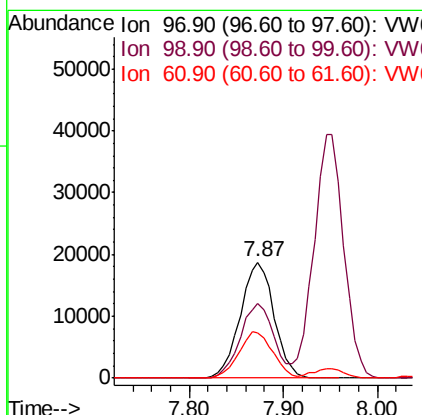
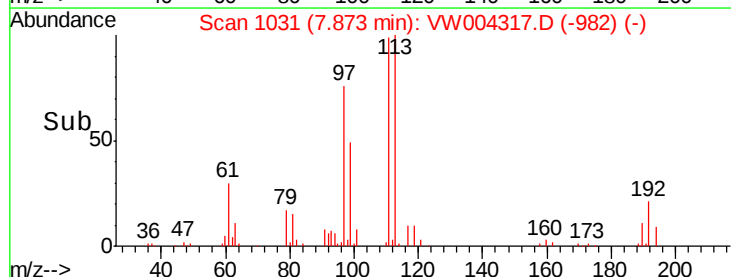
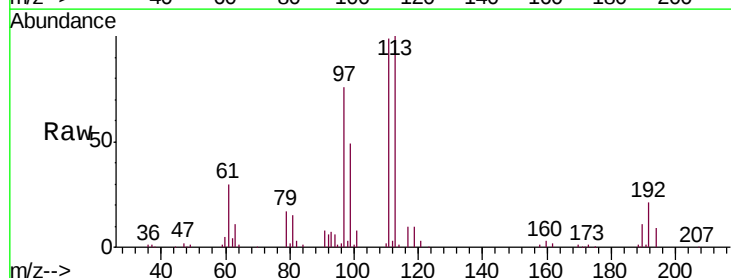
Manual Integrations  
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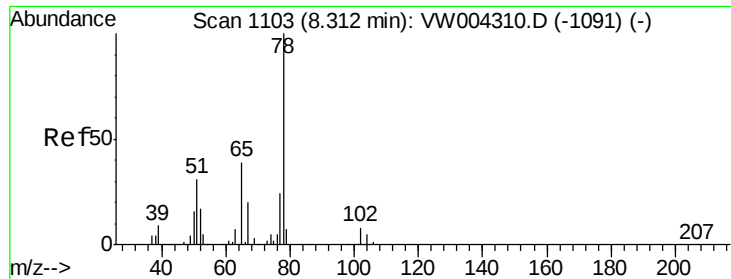
apatel  
7/30/2018 10:32:57 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.82 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.7  | 51.7  | 77.5  |
| 61      | 40.2  | 34.8  | 52.2  |





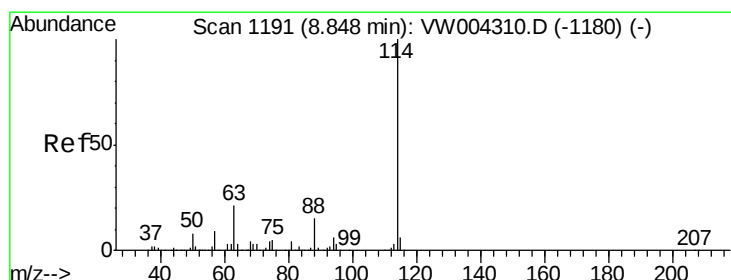
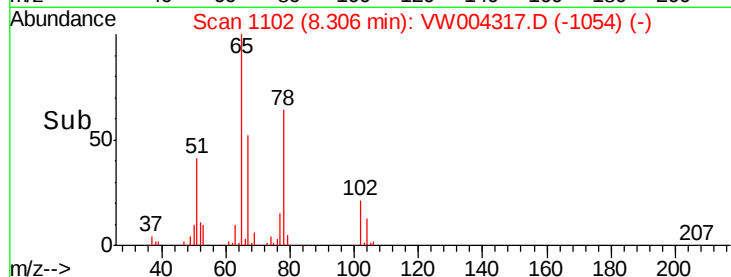
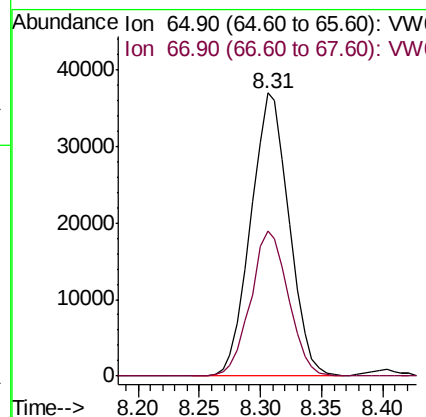
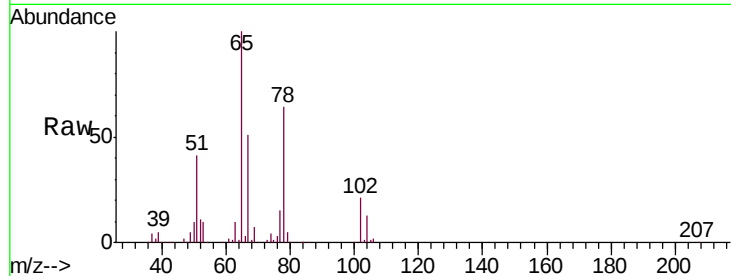
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.63 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 50.9  |      | 0.0   | 106.4 |

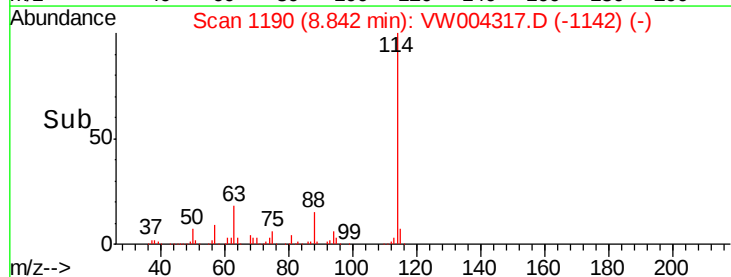
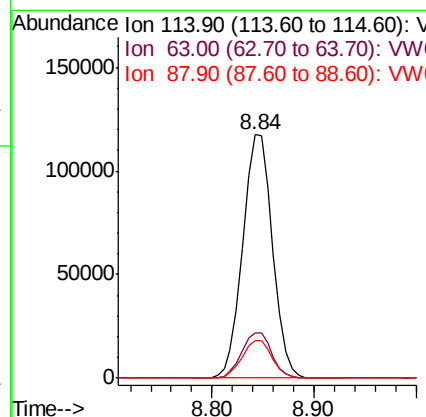
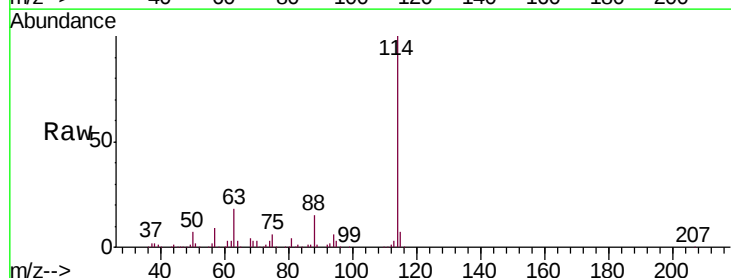
Manual Integrations  
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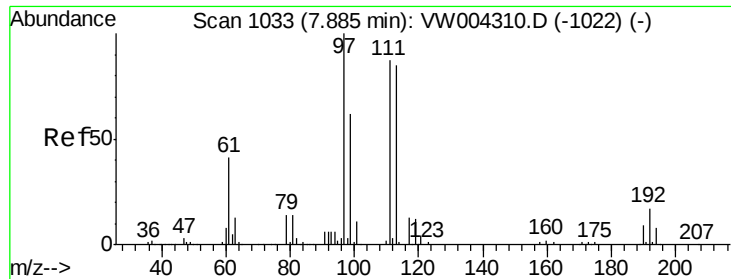
apatel  
 7/30/2018 10:32:57 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.84 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 18.4  |      | 0.0   | 41.4  |
| 88      | 15.4  |      | 0.0   | 30.6  |





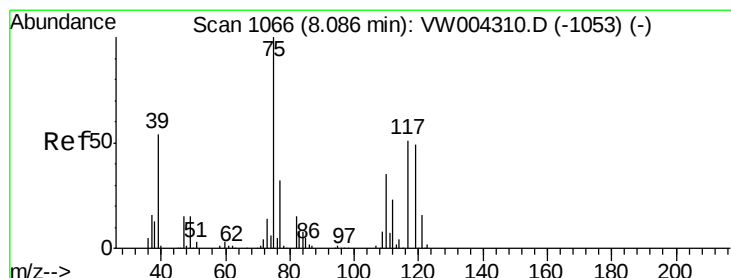
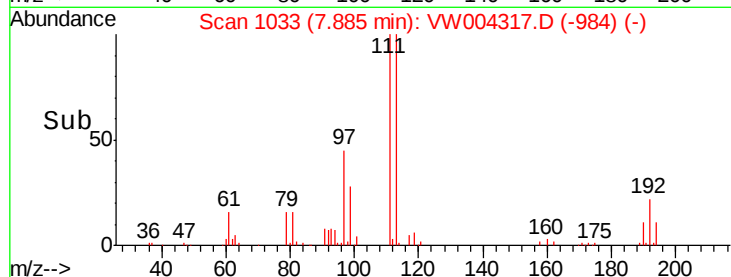
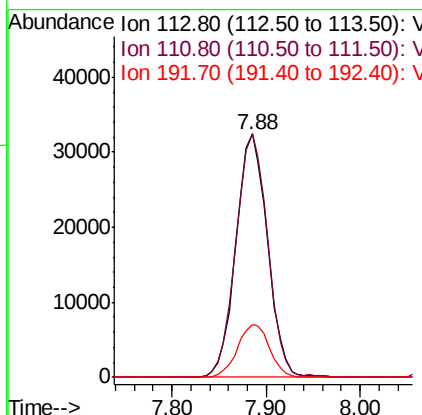
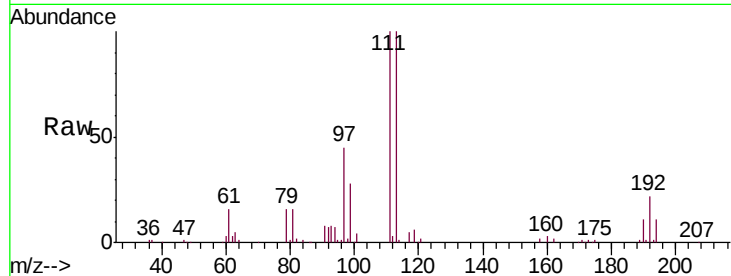
#35  
 Dibromofluoromethane  
 Concen: 50.53 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 75806 |       |       |
| 111     | 101.0 | 82.1  | 123.1 |       |
| 192     | 22.0  | 16.2  | 24.4  |       |

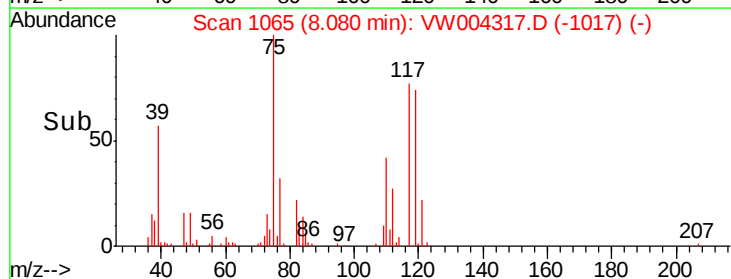
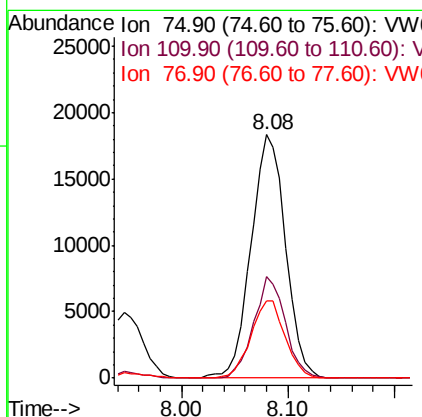
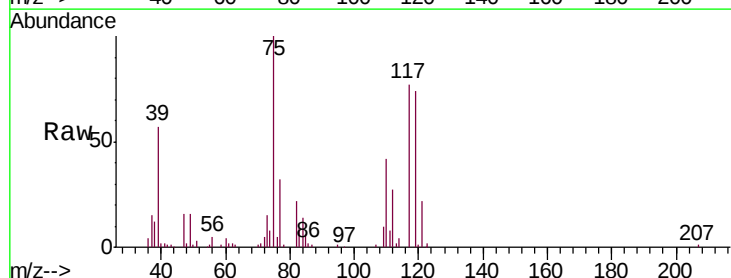
Manual Integrations  
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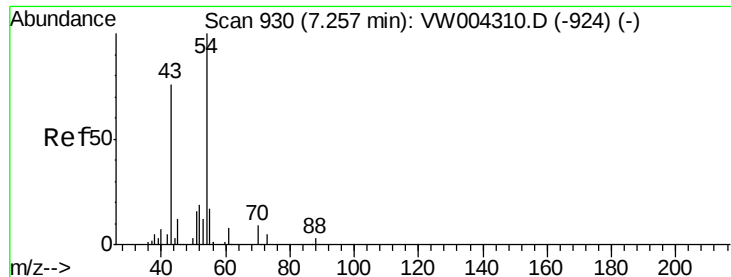
apatel  
 7/30/2018 10:32:57 AM



#36  
 1,1-Dichloropropene  
 Concen: 17.53 ug/l  
 RT: 8.08 min Scan# 1065  
 Delta R.T. -0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 41632 |       |       |
| 110     | 38.2  | 17.3  | 52.0  |       |
| 77      | 31.6  | 25.0  | 37.6  |       |





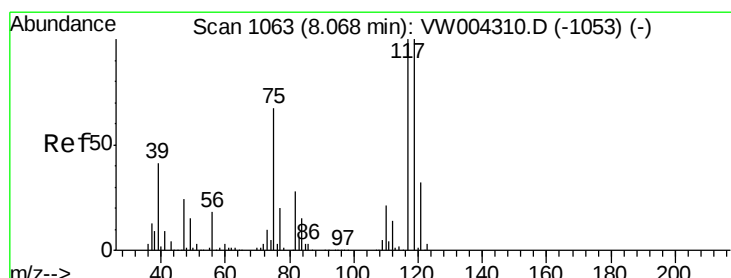
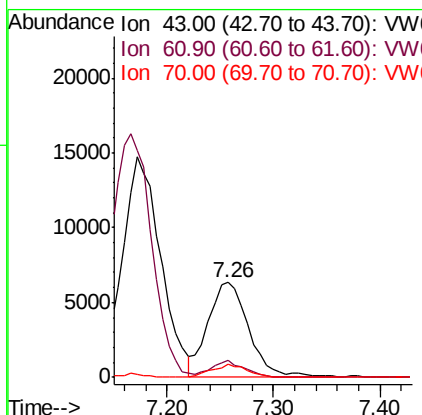
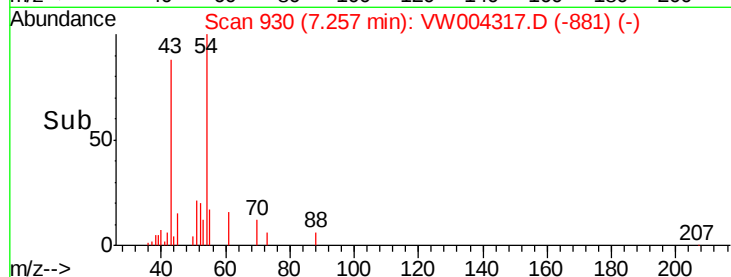
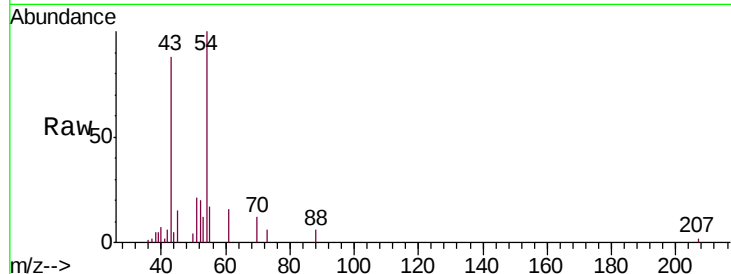
#37  
Ethyl Acetate  
Concen: 17.40 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 11.1  | 16.7  |
| 70      | 11.7  | 7.8   | 11.6  |

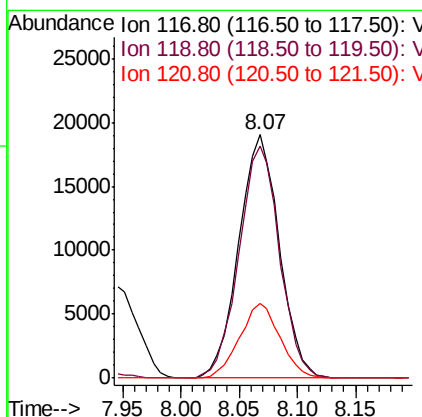
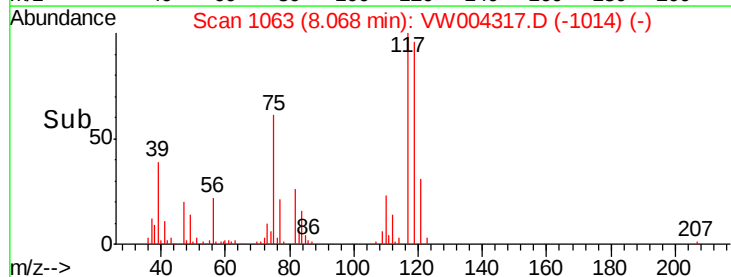
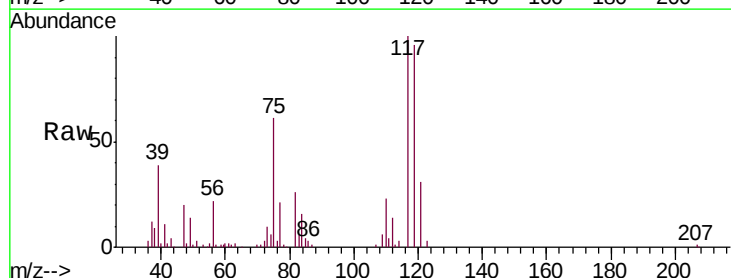
Manual Integrations  
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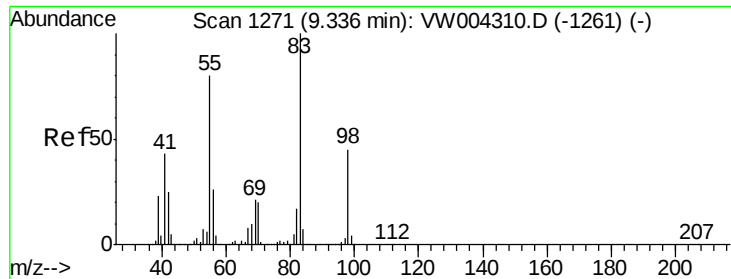
apatel  
7/30/2018 10:32:57 AM



#38  
Carbon Tetrachloride  
Concen: 19.64 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 79.7  | 119.5 |
| 121     | 30.9  | 25.7  | 38.5  |





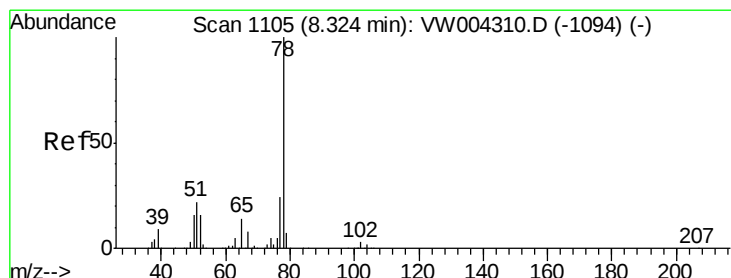
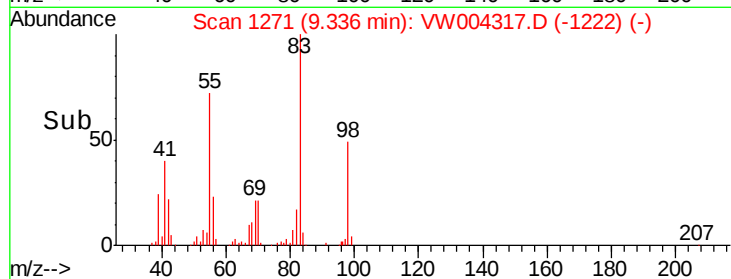
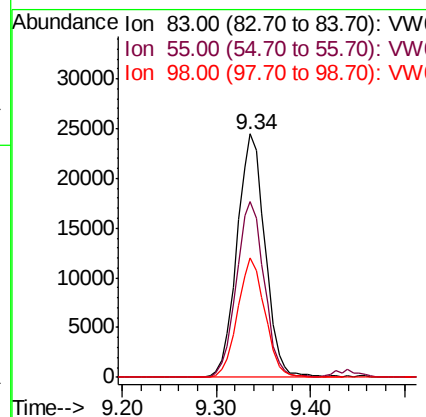
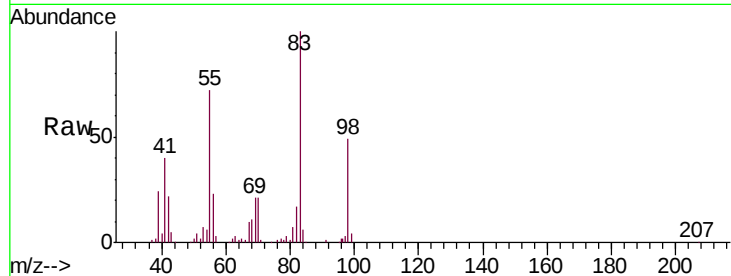
#39  
Methvlcvclohexane  
Concen: 17.62 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.4  | 64.3  | 96.5  |
| 98      | 49.1  | 36.3  | 54.5  |

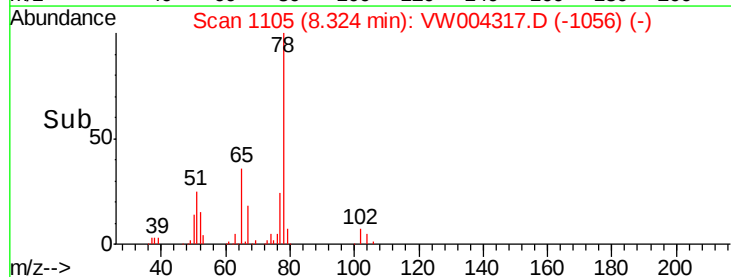
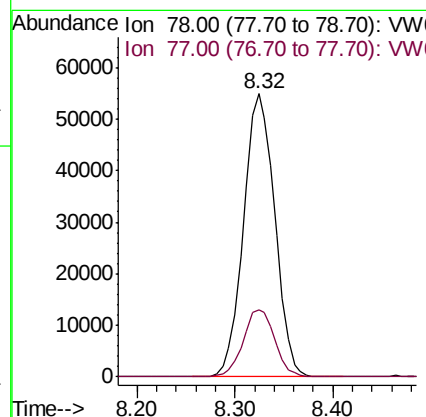
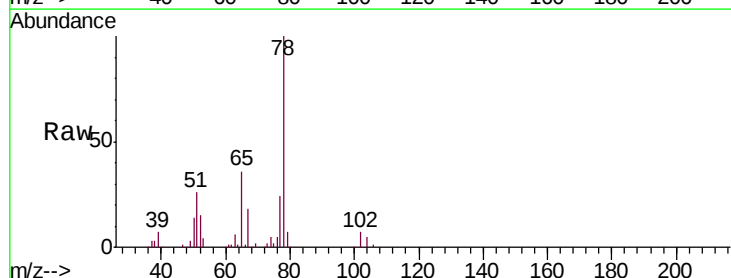
Manual Integrations  
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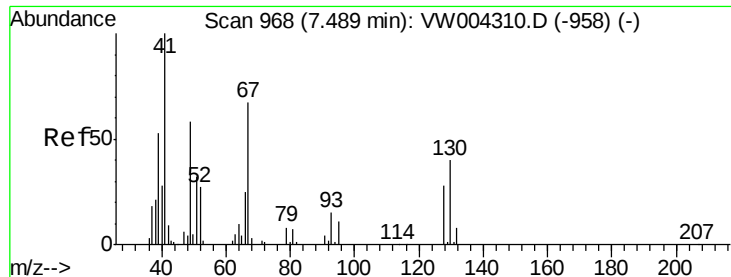
apatel  
7/30/2018 10:32:57 AM



#40  
Benzene  
Concen: 18.18 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.4  | 29.0  |





#41

Methacrylonitrile

Concen: 15.76 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 41 Resp: 9098  
Ion Ratio Lower Upper

41 100

39 60.4 41.2 61.8

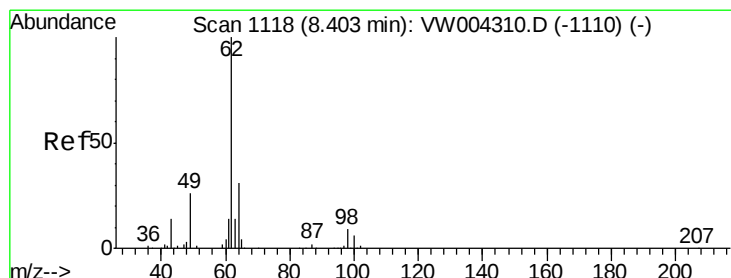
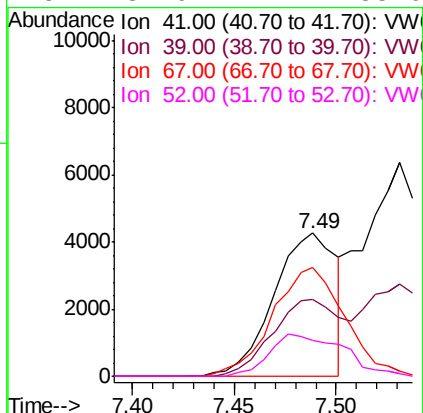
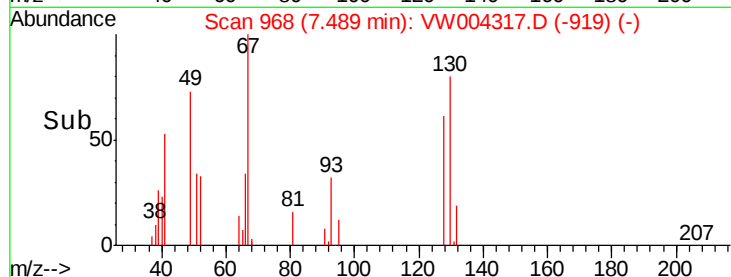
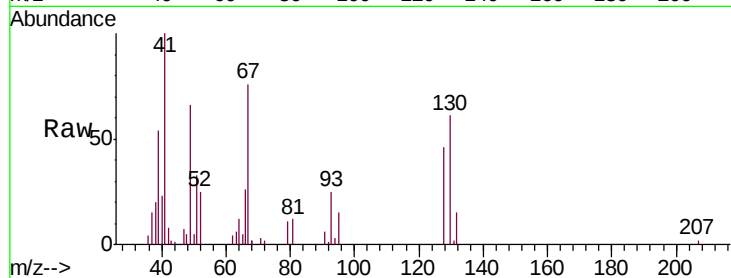
67 87.0 53.4 80.0#

52 34.9 22.4 33.6#

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#42

1,2-Dichloroethane

Concen: 19.85 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

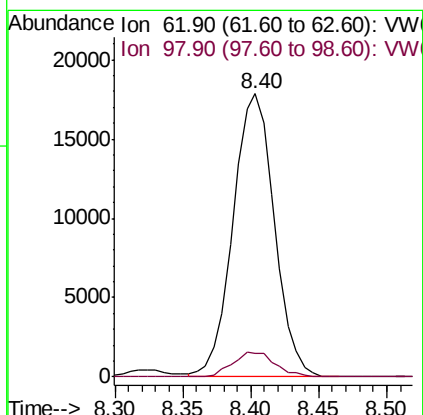
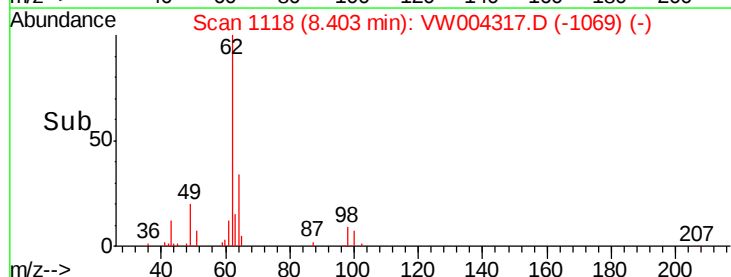
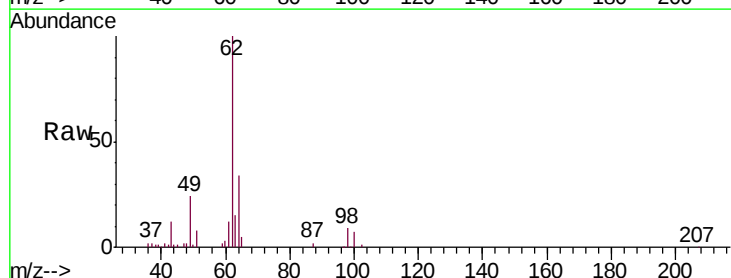
Lab File: VW004317.D

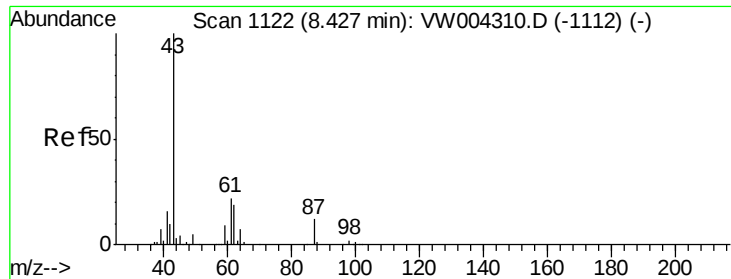
Acq: 29 Jul 2018 16:56

Tgt Ion: 62 Resp: 37906  
Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.35 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

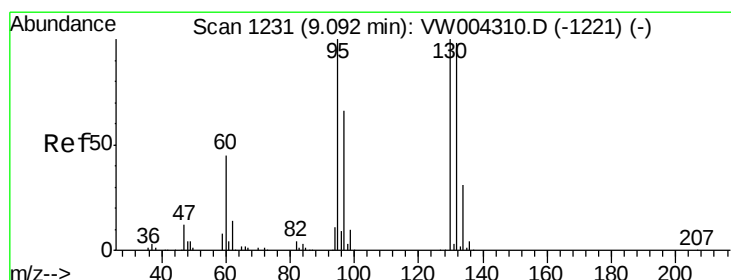
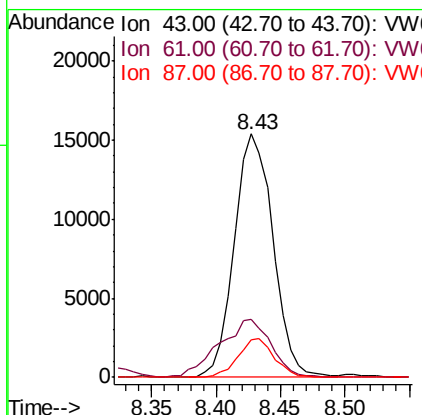
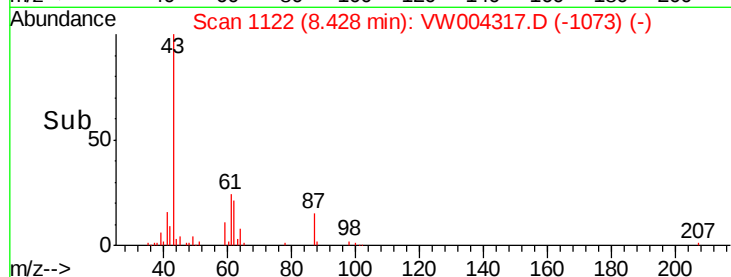
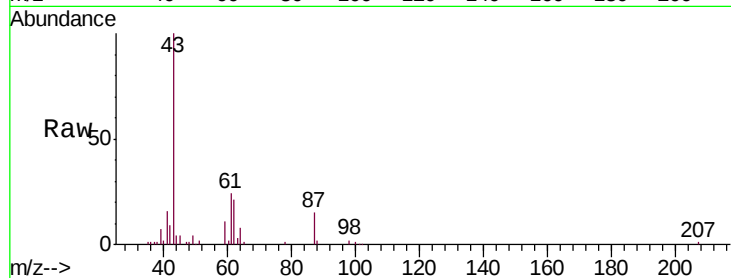
ClientSampleId :

VW0730SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 32177 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 32.0  | 24.5  | 36.7  |
| 87       | 14.7  | 10.4  | 15.6  |

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#44

Trichloroethene

Concen: 19.32 ug/l

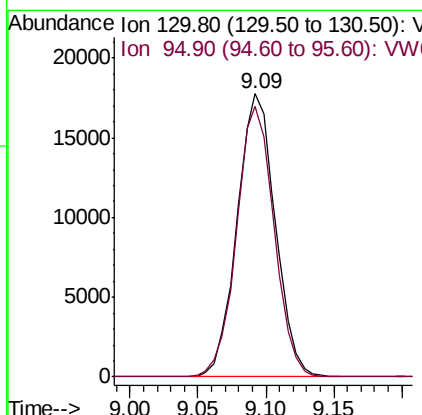
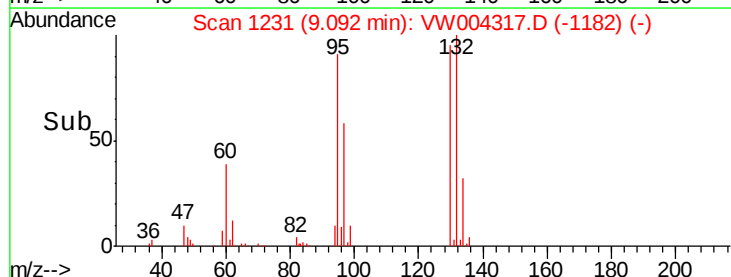
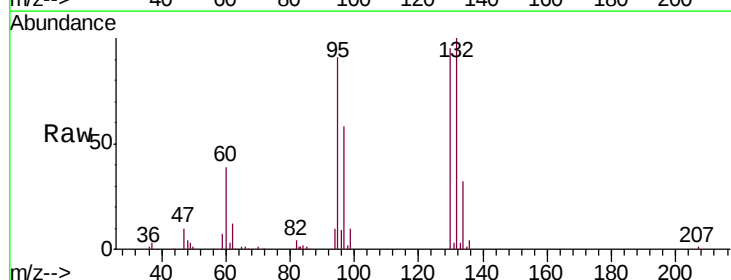
RT: 9.09 min Scan# 1231

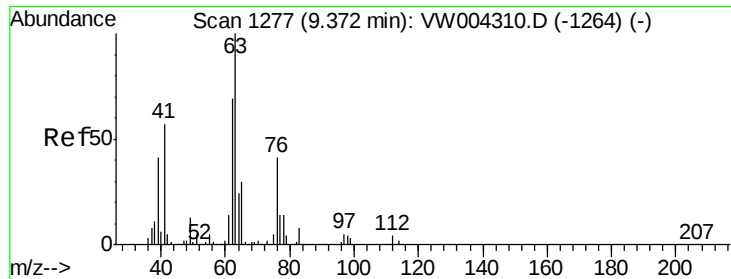
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 34839 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 95.5  | 0.0   | 199.4 |





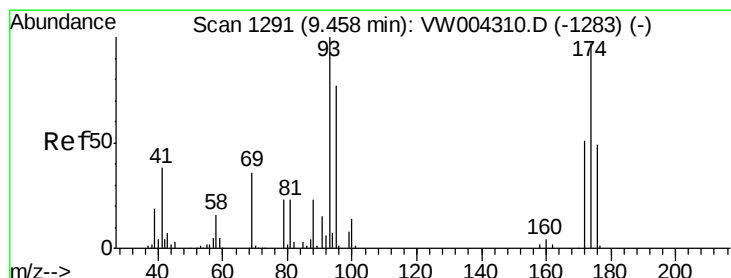
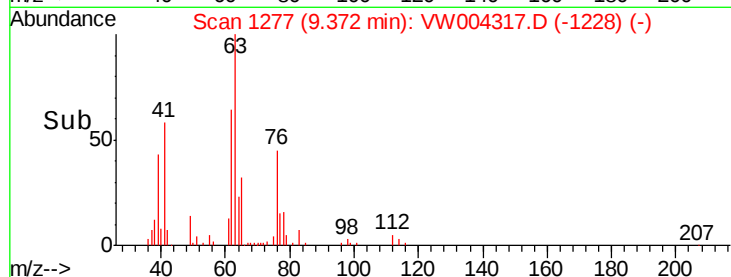
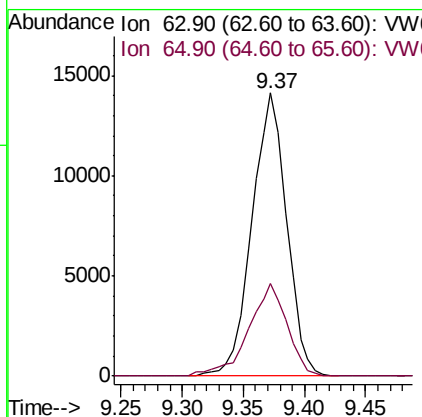
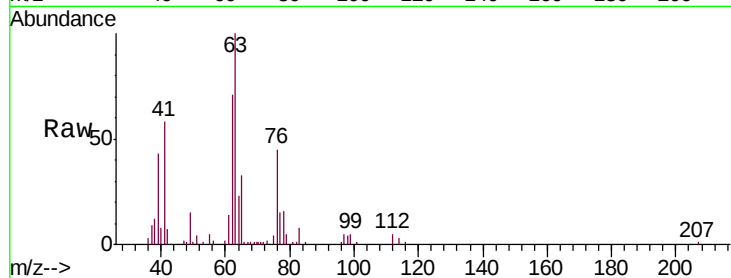
#45  
 1,2-Dichloropropane  
 Concen: 16.83 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.6  | 23.9  | 35.9  |

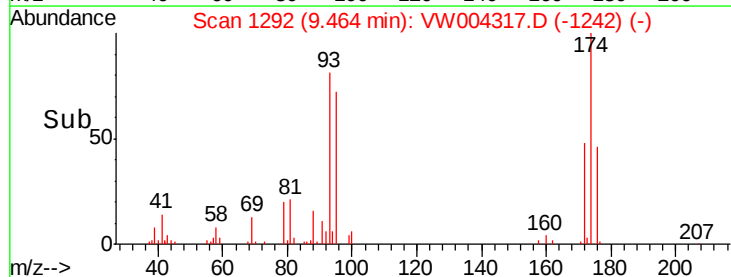
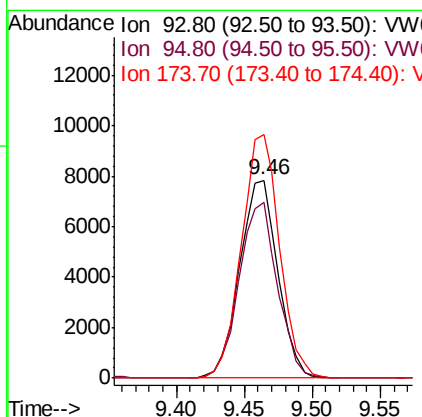
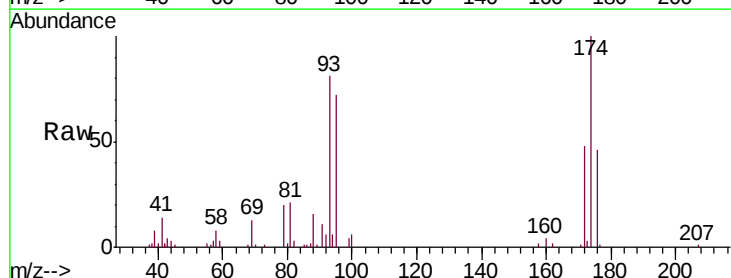
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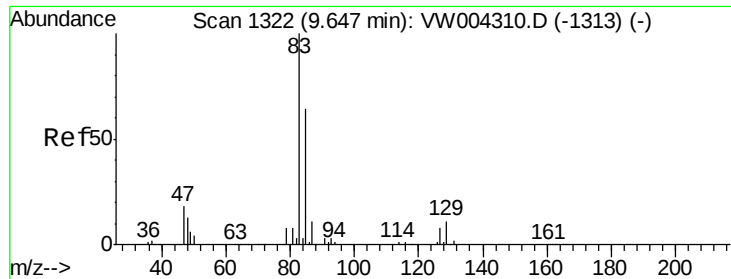
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#46  
 Dibromomethane  
 Concen: 18.20 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. 0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 88.6  | 65.8  | 98.8  |
| 174     | 123.2 | 83.7  | 125.5 |





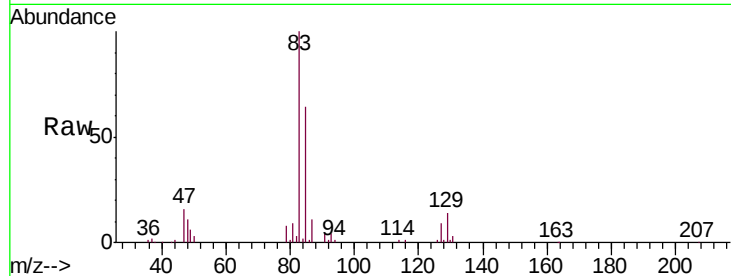
#47  
Bromodichloromethane  
Concen: 19.01 ug/l  
RT: 9.65 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion   | 83   | Resp  | 40821 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 64.0 | 51.3  | 76.9  |
| 127       | 9.2  | 6.6   | 9.8   |

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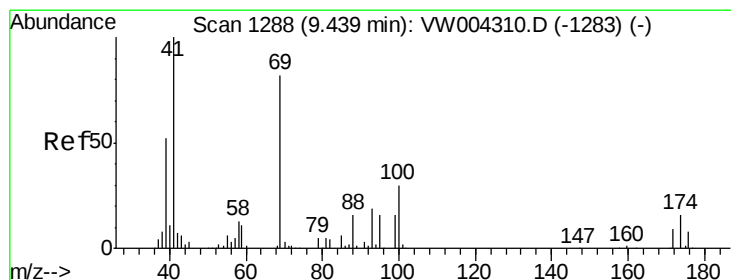
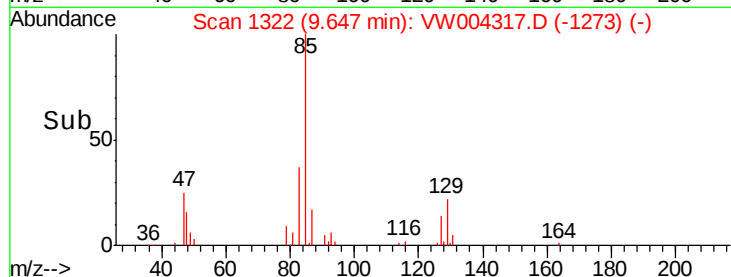
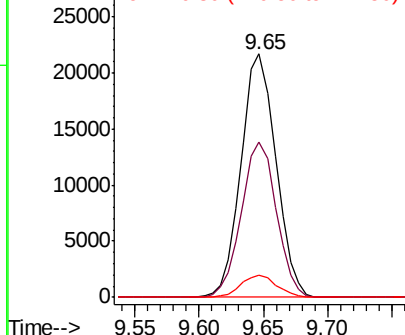


Abundance

Ion 82.90 (82.60 to 83.60): VW

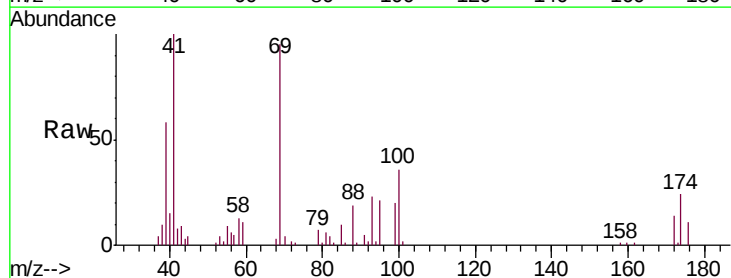
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48  
Methyl methacrylate  
Concen: 17.12 ug/l  
RT: 9.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion   | 41    | Resp  | 15289 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 41        | 100   |       |       |
| 69        | 100.8 | 69.7  | 104.5 |
| 39        | 62.0  | 41.8  | 62.8  |

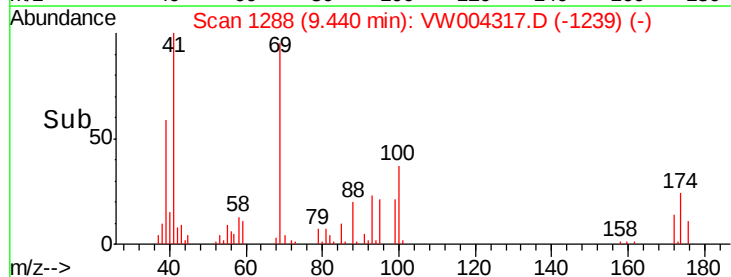
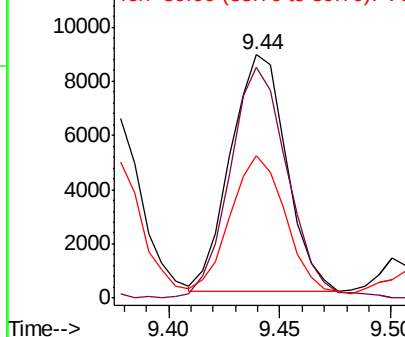


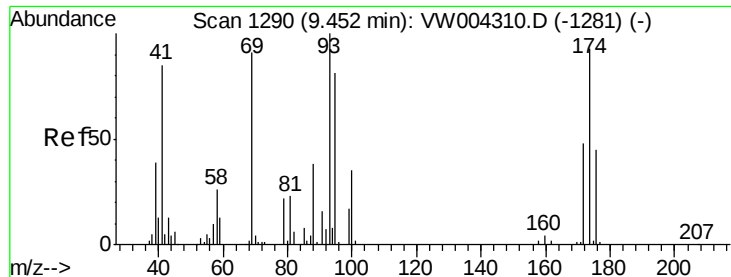
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





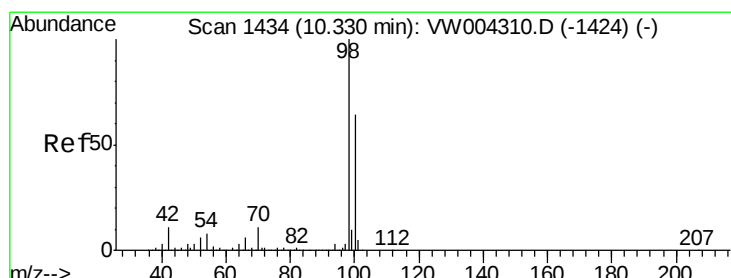
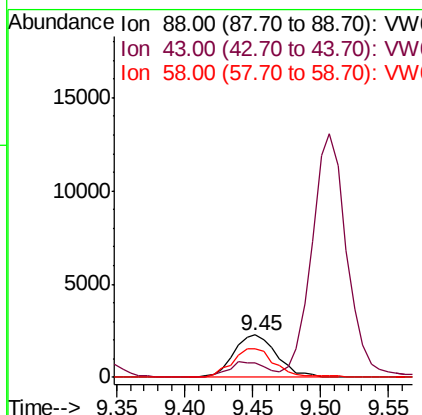
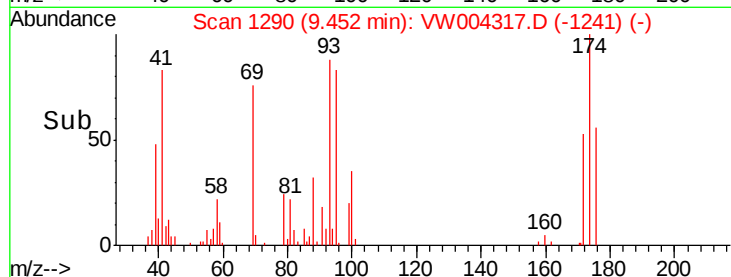
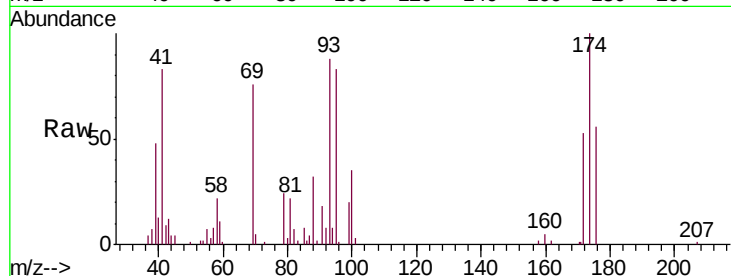
#49  
1,4-Dioxane  
Concen: 391.37 ug/l  
RT: 9.45 min Scan# 1290  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | 88    | Resp  | 5022  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 34.0  | 28.3  | 42.5  |
| 58      | 66.2  | 60.2  | 90.4  |

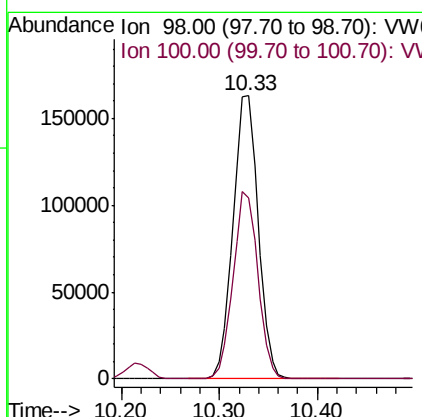
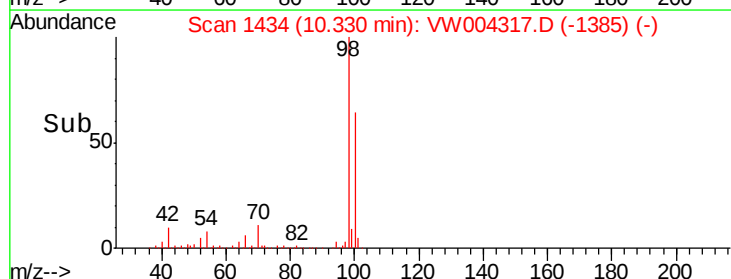
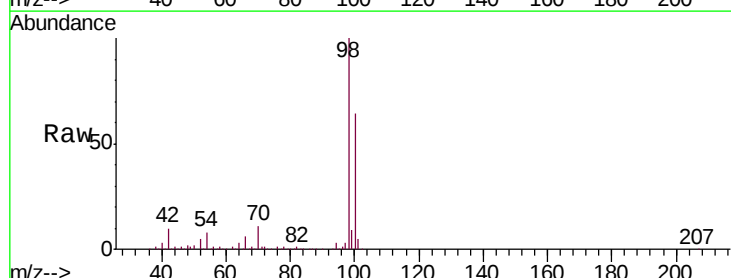
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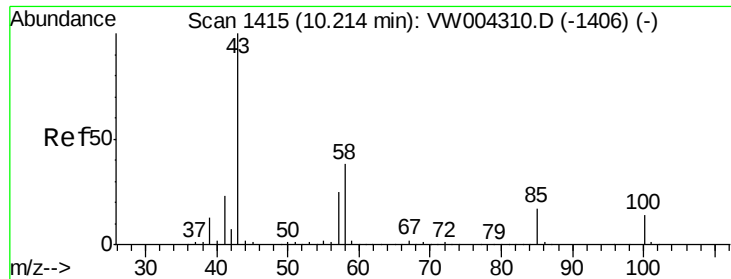
apatel  
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#50  
Toluene-d8  
Concen: 49.24 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | 98    | Resp  | 291932 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 65.0  | 51.5  | 77.3   |





#51

4-Methyl-2-Pentanone

Concen: 86.34 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 43 Resp: 83107

Ion Ratio Lower Upper

43 100

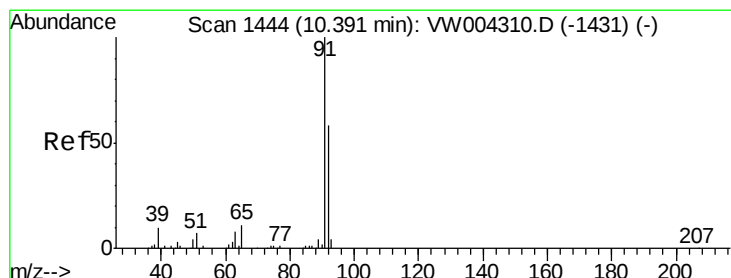
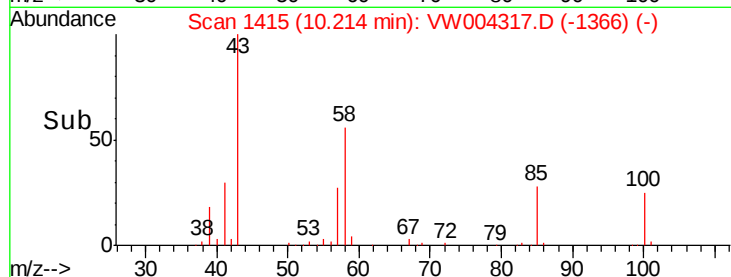
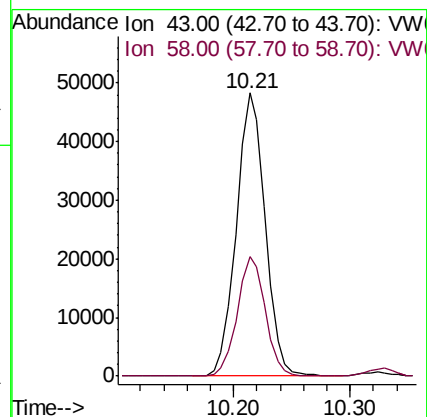
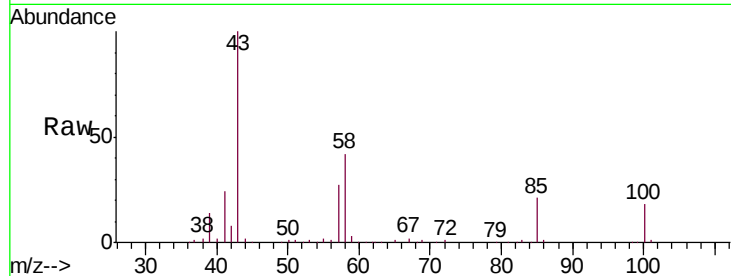
58 41.1 30.6 45.8

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#52

Toluene

Concen: 18.97 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004317.D

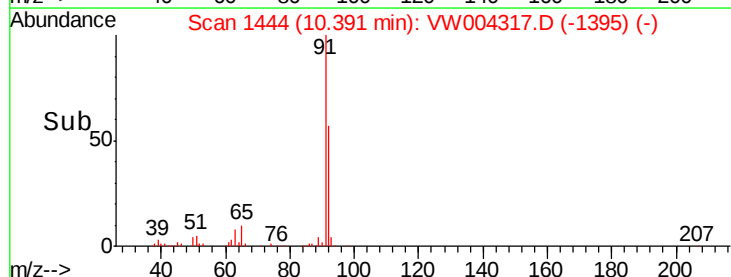
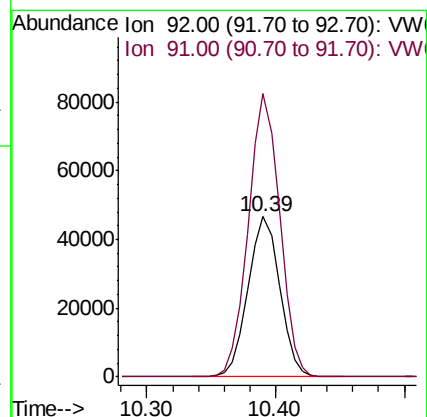
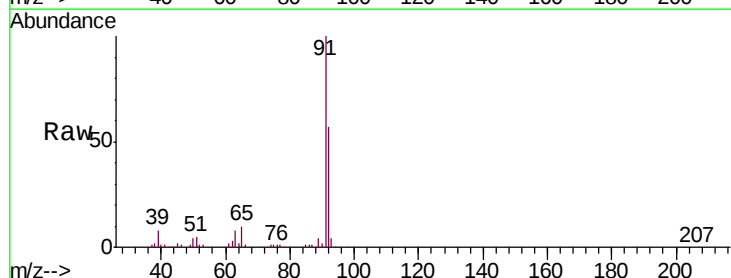
Acq: 29 Jul 2018 16:56

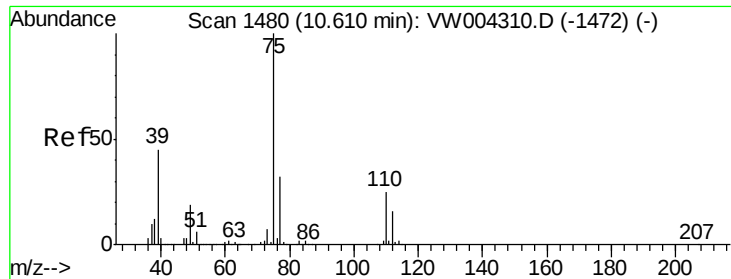
Tgt Ion: 92 Resp: 79581

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.4





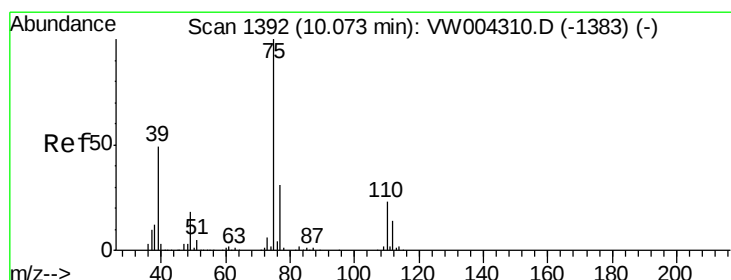
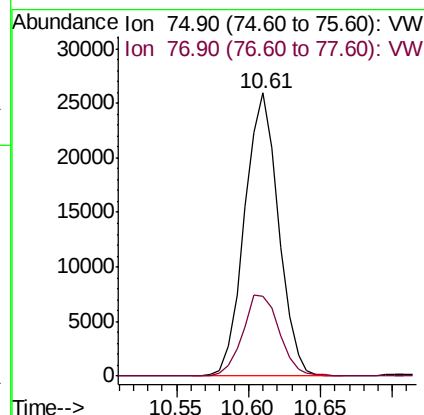
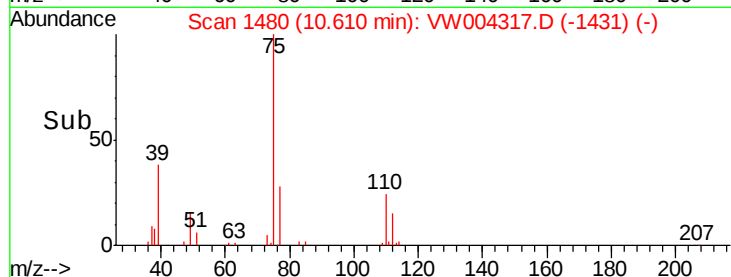
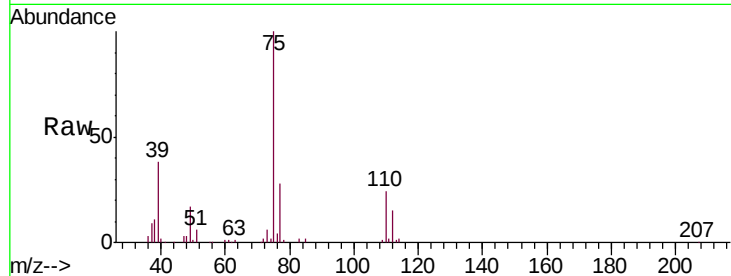
#53  
 t-1,3-Dichloropropene  
 Concen: 19.65 ug/l  
 RT: 10.61 min Scan# 1480  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

Tot Ion: 75 Resp: 42263  
 Ion Ratio Lower Upper  
 75 100  
 77 28.4 25.8 38.6

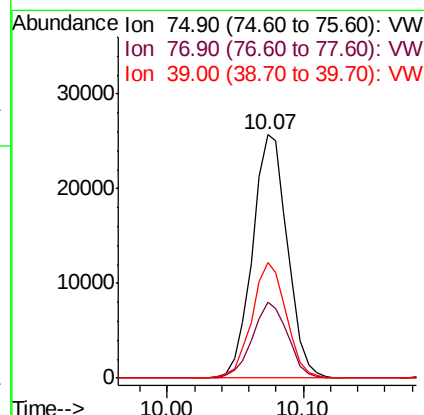
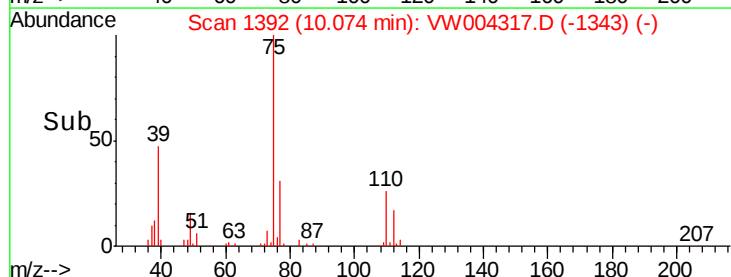
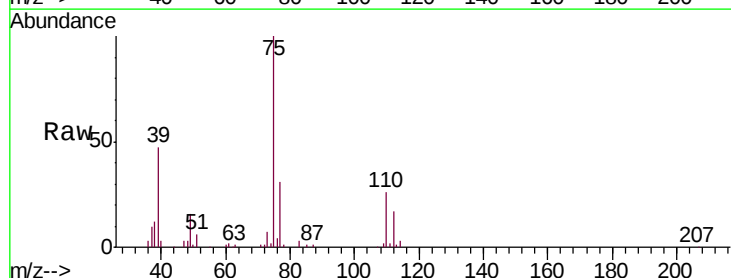
Manual Integrations  
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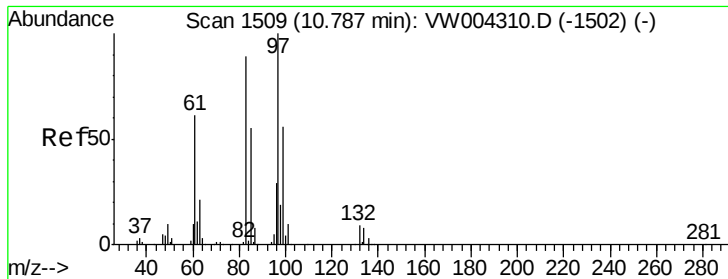
apatel  
 7/30/2018 10:32:57 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.46 ug/l  
 RT: 10.07 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Tgt Ion: 75 Resp: 46267  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.0 37.4  
 39 47.3 39.0 58.6





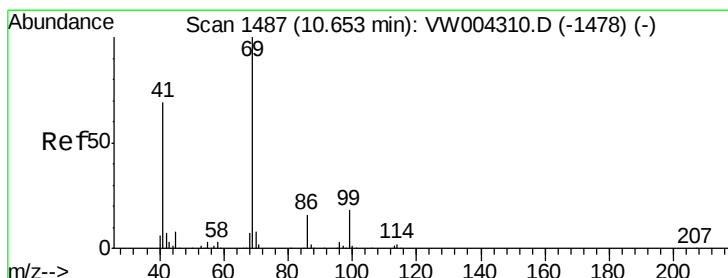
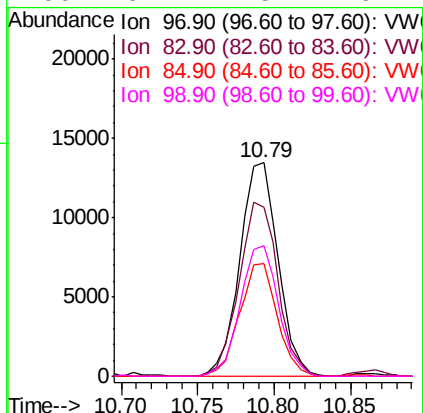
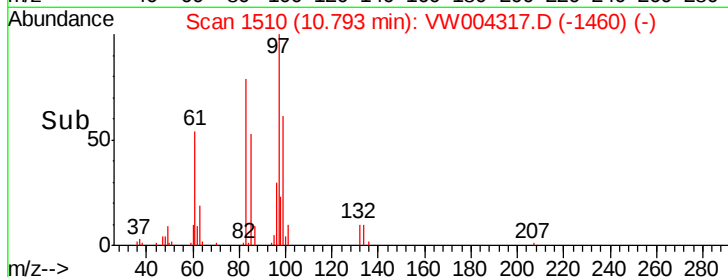
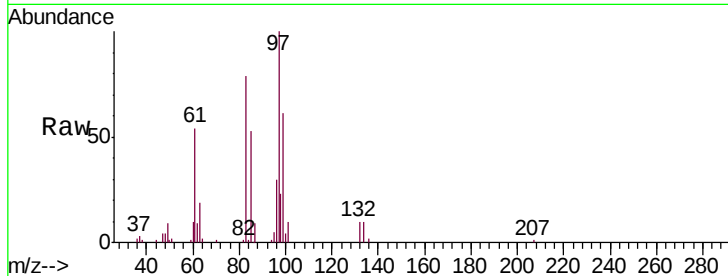
#55  
 1,1,2-Trichloroethane  
 Concen: 19.42 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 23415 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.0  | 70.8  | 106.2 |
| 85       | 52.9  | 43.7  | 65.5  |
| 99       | 61.1  | 45.1  | 67.7  |

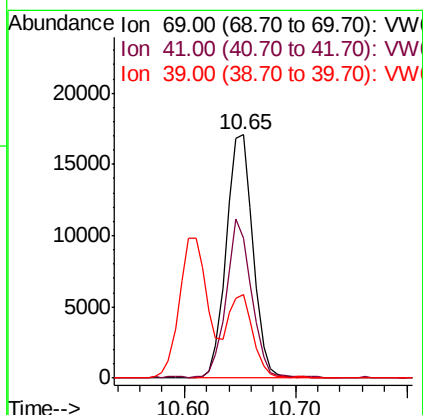
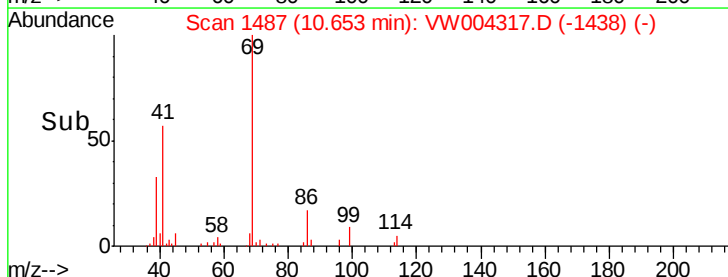
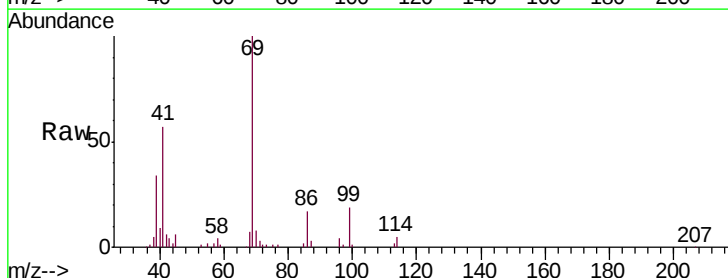
Manual Integrations  
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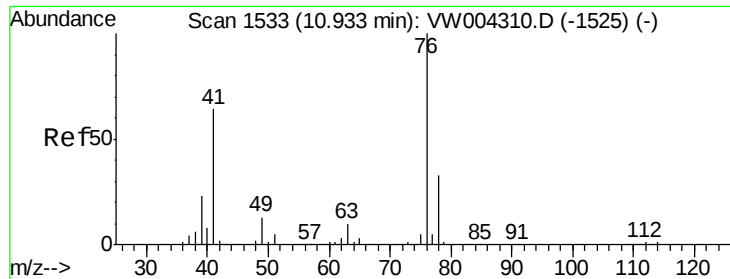
apatel  
 7/30/2018 10:32:57 AM



#56  
 Ethyl methacrylate  
 Concen: 19.42 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 28349 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.5  | 54.7  | 82.1  |
| 39       | 30.6  | 24.4  | 36.6  |





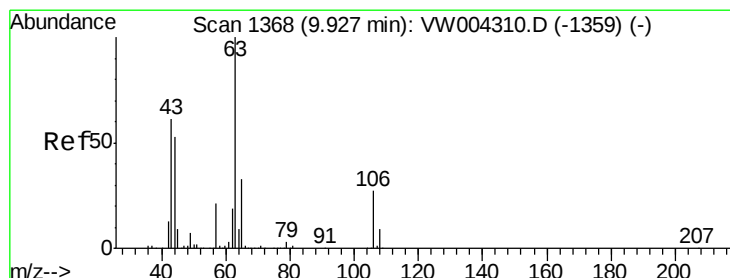
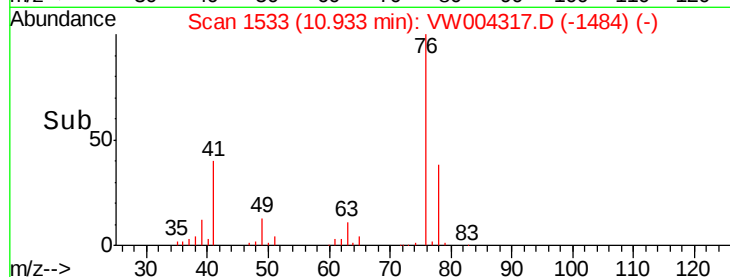
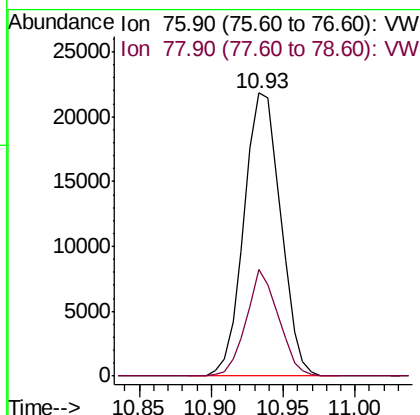
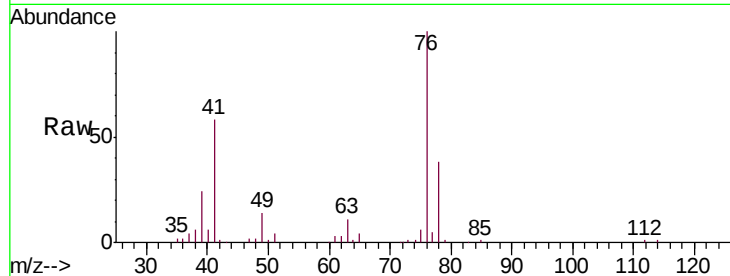
#57  
 1,3-Dichloropropane  
 Concen: 18.78 ug/l  
 RT: 10.93 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.0  | 25.6  | 38.4  |

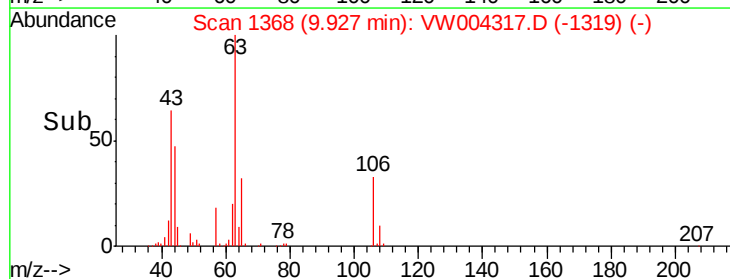
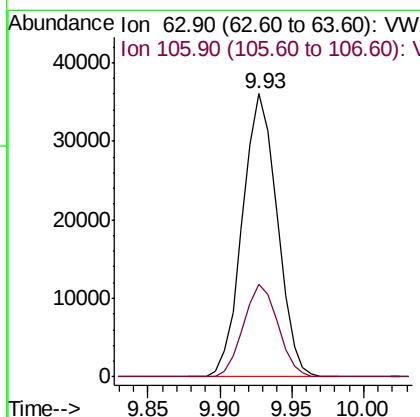
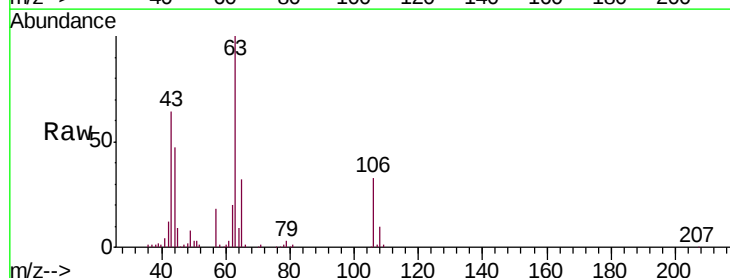
Manual Integrations  
 APPROVED

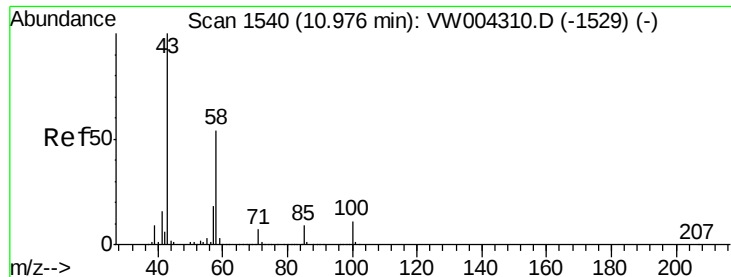
apatel  
 7/30/2018 10:32:57 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 92.99 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 32.4  | 21.9  | 32.9  |





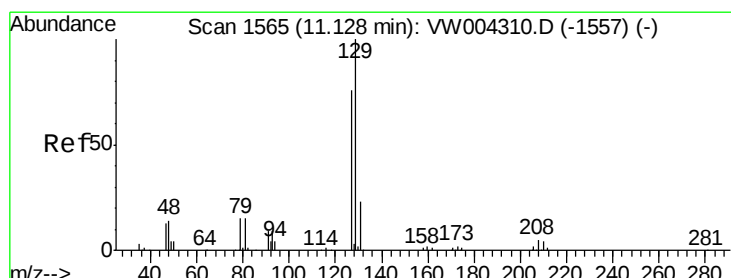
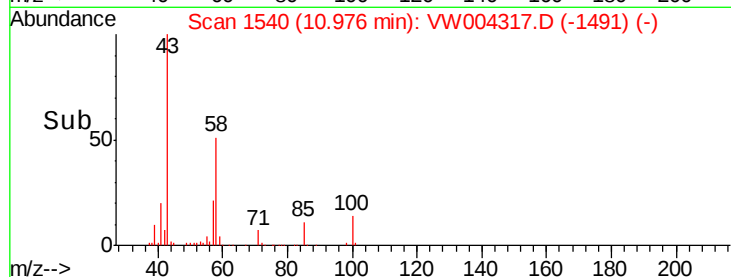
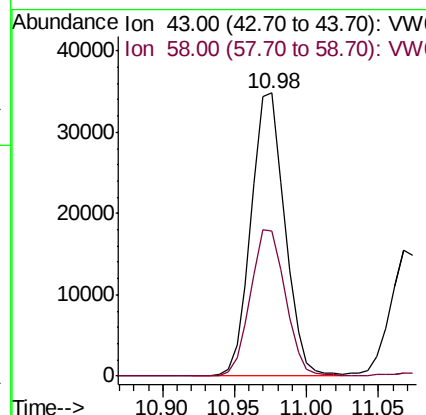
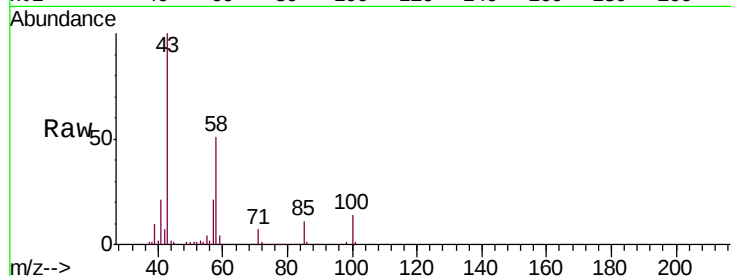
#59  
2-Hexanone  
Concen: 85.41 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion   | 43   | Resp  | 56446 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 53.6 | 26.5  | 79.4  |

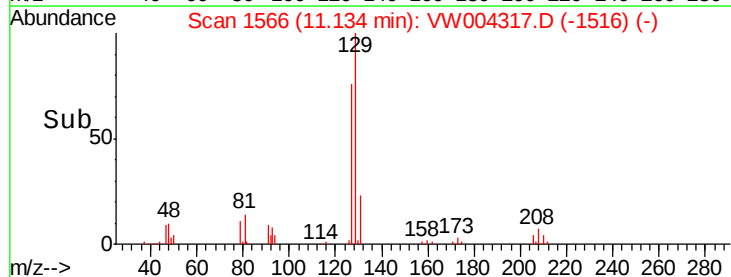
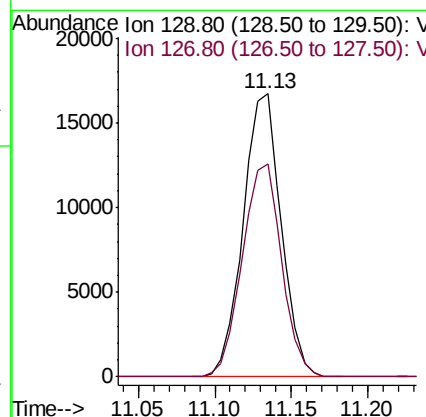
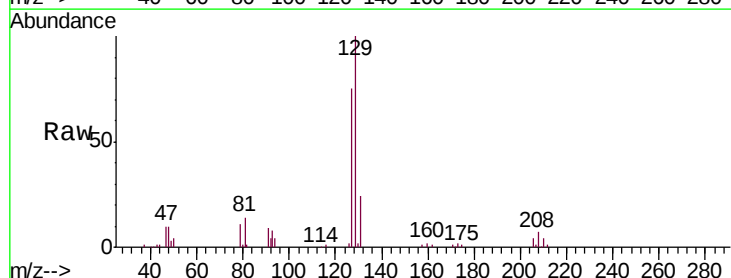
Manual Integrations  
APPROVED

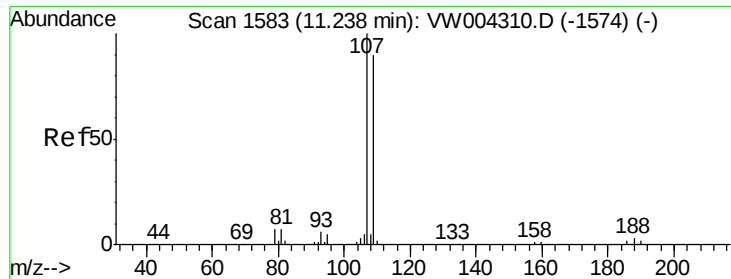
apatel  
7/30/2018 10:32:57 AM



#60  
Dibromochloromethane  
Concen: 20.03 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion   | 129  | Resp | 28903 |       |
|-----------|------|------|-------|-------|
| Ion Ratio | 129  | 100  | Lower | Upper |
| 129       | 100  |      |       |       |
| 127       | 77.8 | 38.9 | 116.7 |       |





#61

1,2-Dibromoethane

Concen: 18.75 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion: 107 Resp: 21562

Ion Ratio Lower Upper

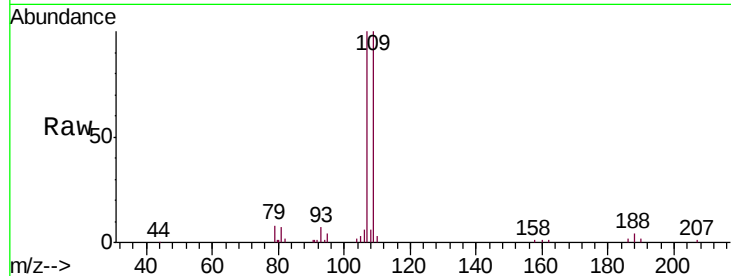
107 100

109 98.9 74.6 112.0

Manual Integrations  
APPROVED

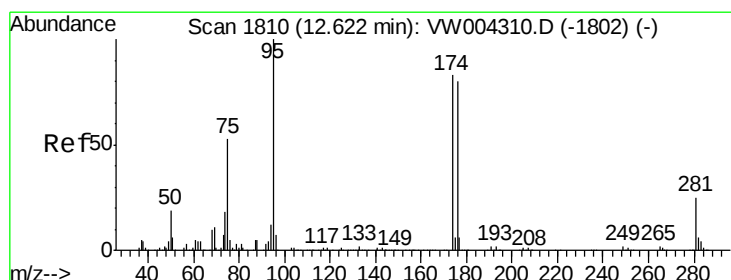
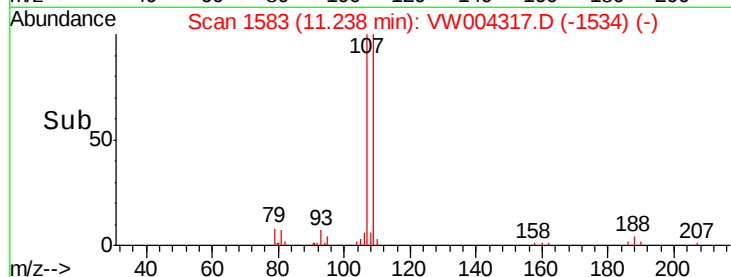
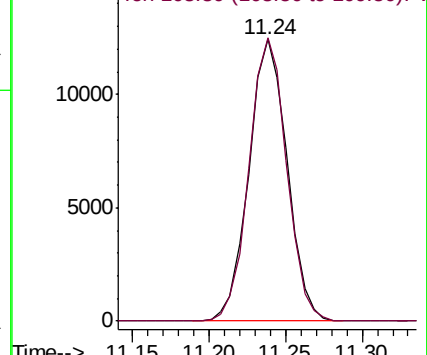
apatel

7/30/2018 10:32:57 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.92 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

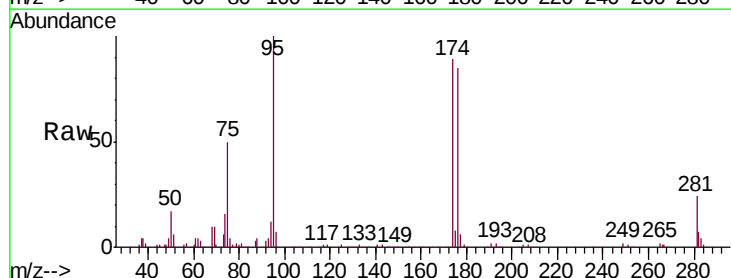
Tgt Ion: 95 Resp: 104211

Ion Ratio Lower Upper

95 100

174 91.4 0.0 167.8

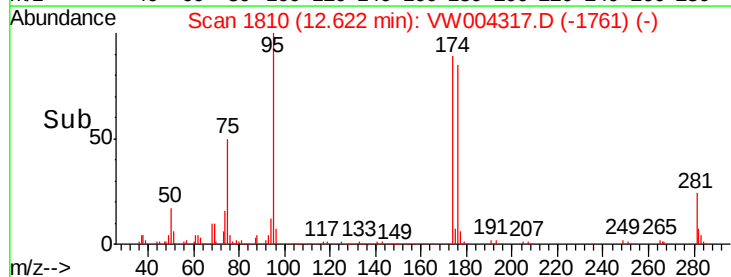
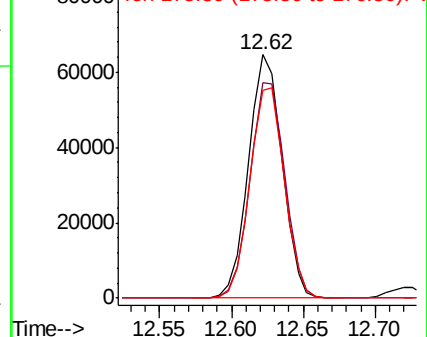
176 88.5 0.0 162.4

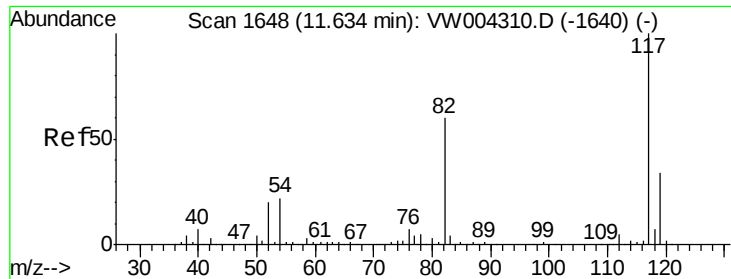


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





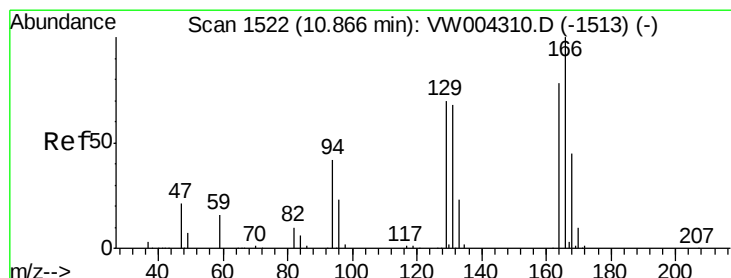
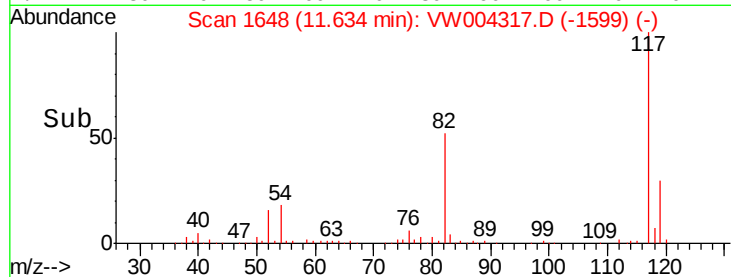
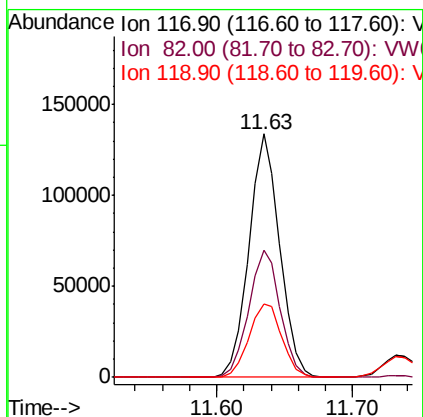
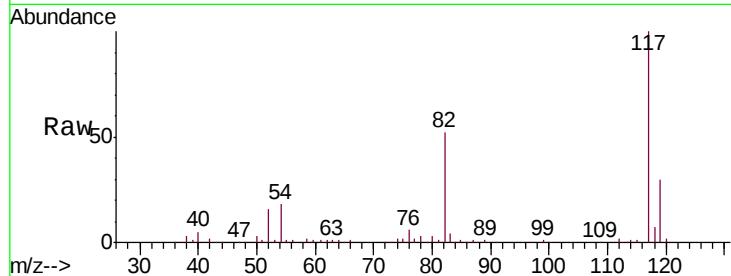
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.2  | 47.9  | 71.9  |
| 119     | 30.4  | 27.1  | 40.7  |

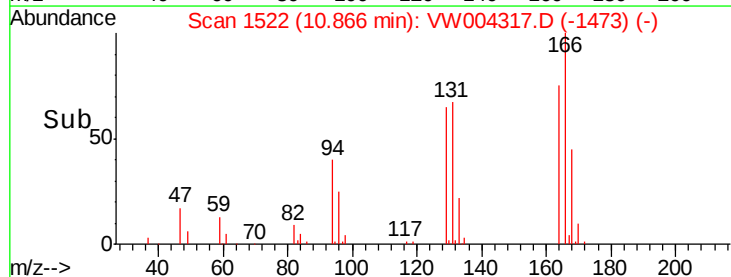
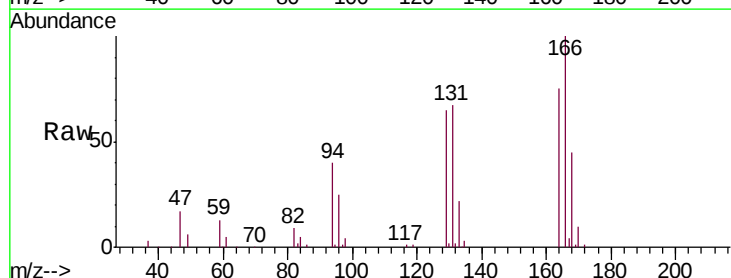
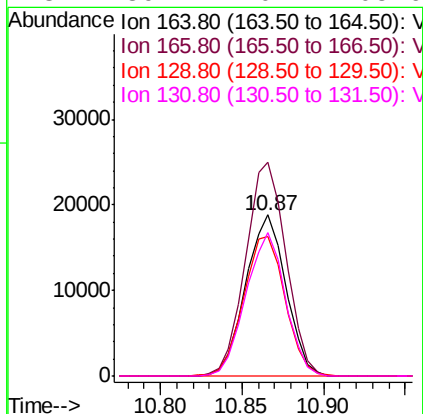
Manual Integrations  
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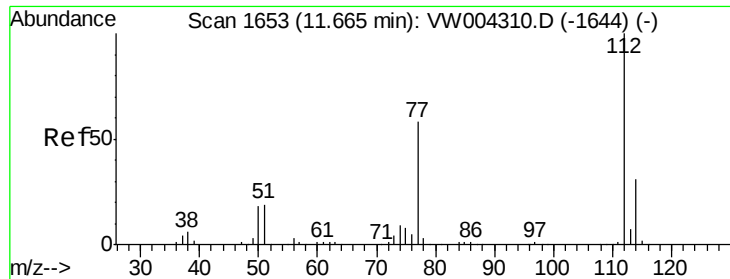
apatel  
7/30/2018 10:32:57 AM



#64  
Tetrachloroethene  
Concen: 20.86 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.5 | 103.2 | 154.8 |
| 129     | 86.2  | 72.1  | 108.1 |
| 131     | 89.2  | 70.4  | 105.6 |





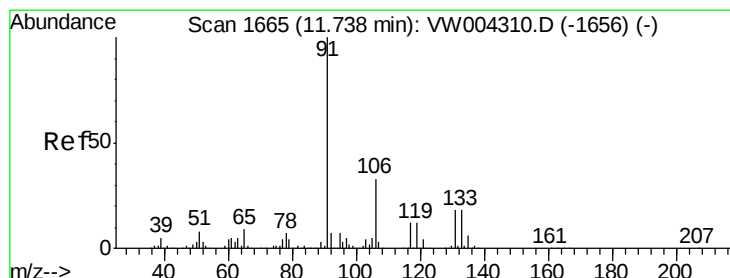
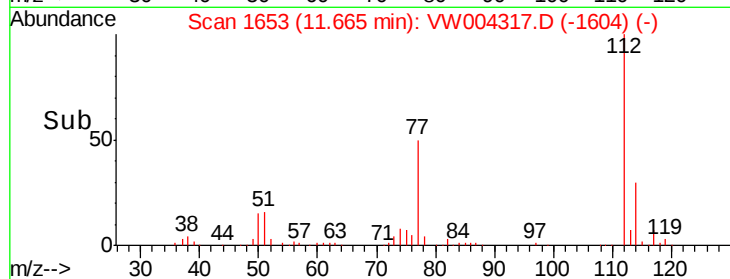
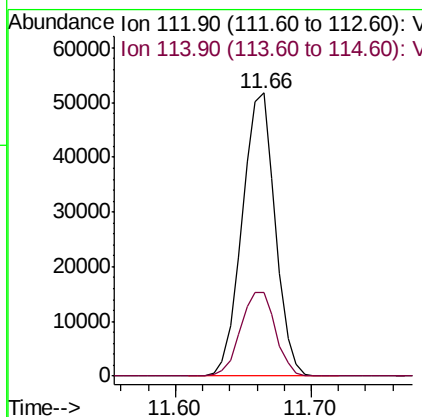
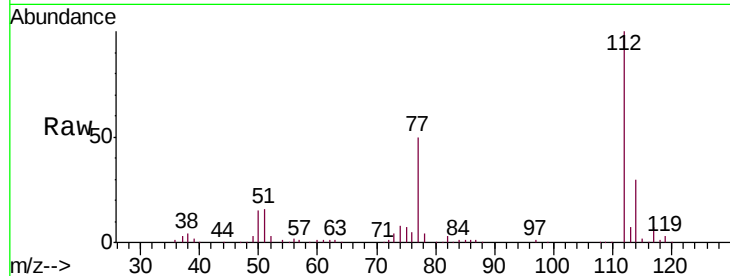
#65  
Chlorobenzene  
Concen: 19.76 ug/l  
RT: 11.66 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

Tot Ion:112 Resp: 87788  
Ion Ratio Lower Upper  
112 100  
114 29.6 24.7 37.1

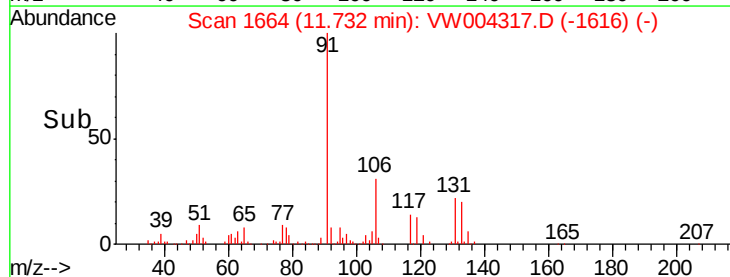
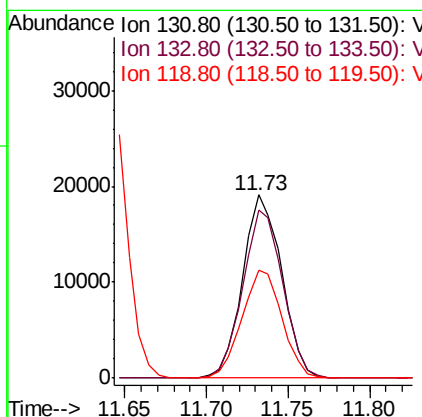
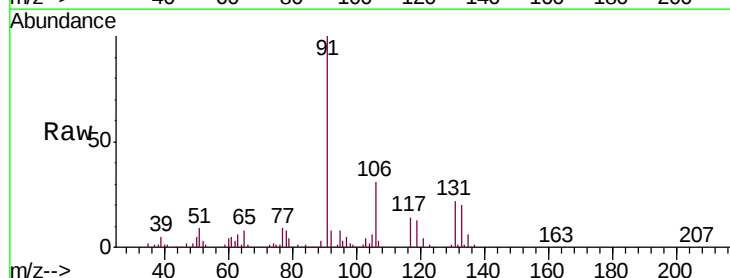
Manual Integrations  
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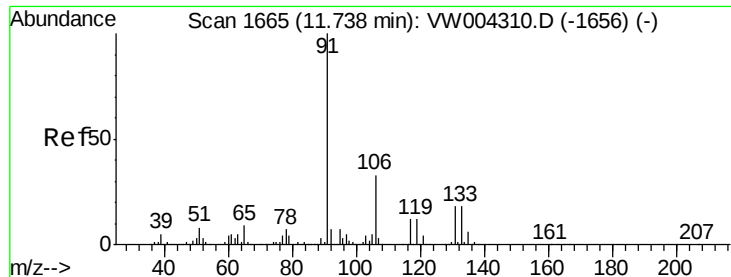
apatel  
7/30/2018 10:32:57 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.32 ug/l  
RT: 11.73 min Scan# 1664  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Tgt Ion:131 Resp: 31845  
Ion Ratio Lower Upper  
131 100  
133 94.3 48.6 145.9  
119 60.9 33.1 99.5





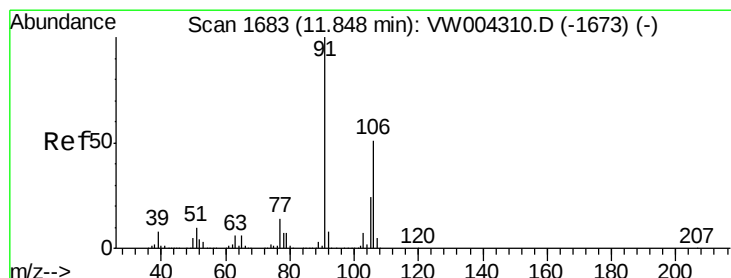
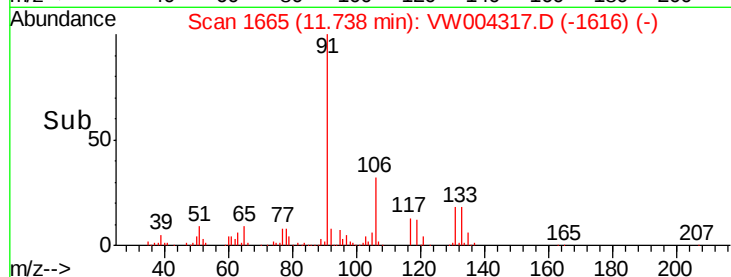
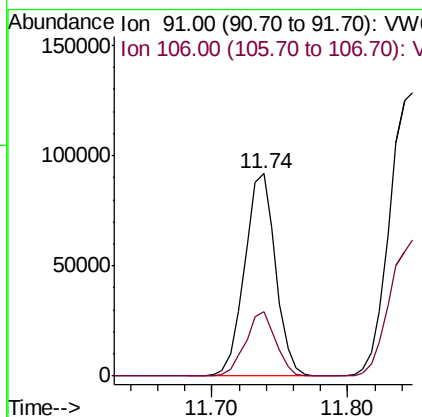
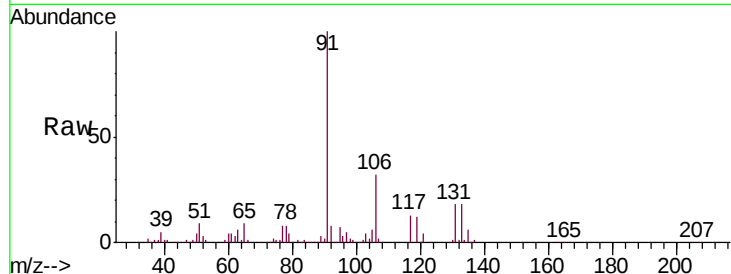
#67  
Ethyl Benzene  
Concen: 18.87 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

Tot Ion: 91 Resp: 146149  
Ion Ratio Lower Upper  
91 100  
106 31.7 26.1 39.1

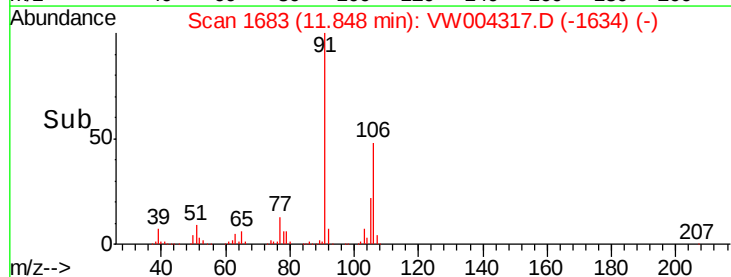
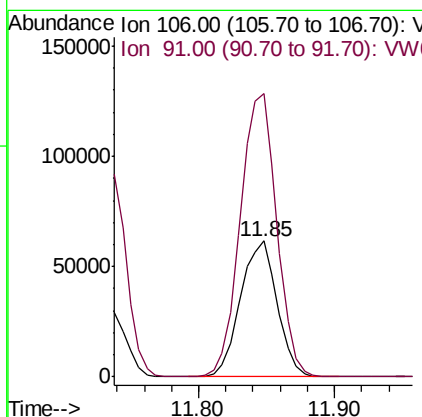
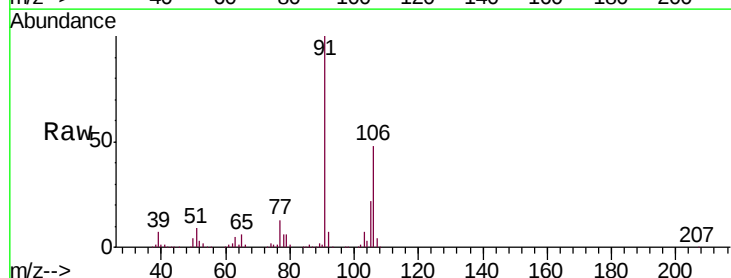
Manual Integrations  
APPROVED

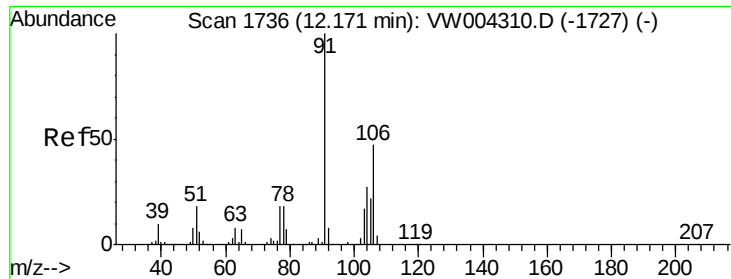
apatel  
7/30/2018 10:32:57 AM



#68  
m/p-Xylenes  
Concen: 38.81 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Tgt Ion: 106 Resp: 115667  
Ion Ratio Lower Upper  
106 100  
91 207.4 162.2 243.2





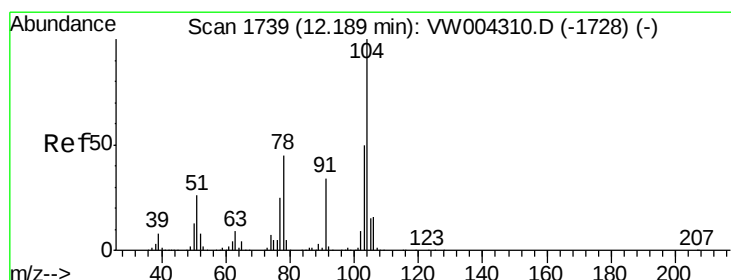
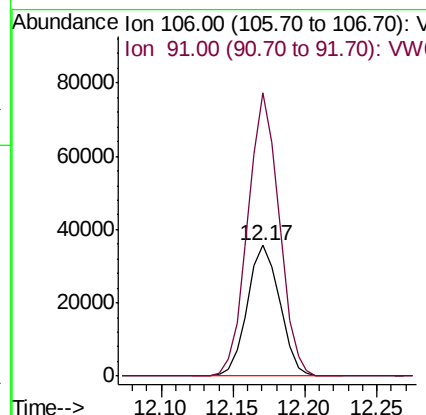
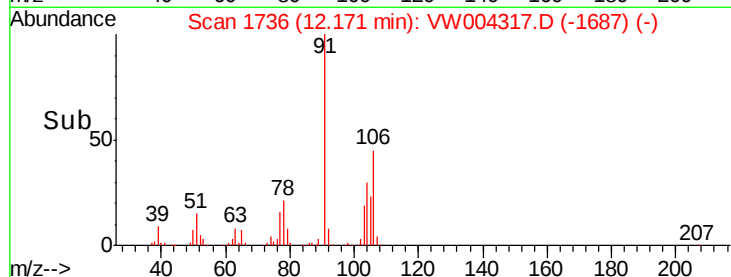
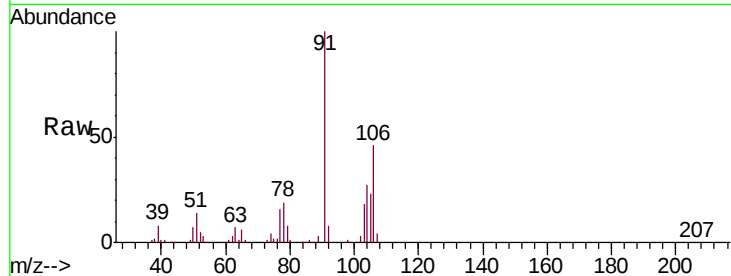
#69  
o-Xylene  
Concen: 20.23 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

Tot Ion:106 Resp: 55718  
Ion Ratio Lower Upper  
106 100  
91 209.1 108.7 326.1

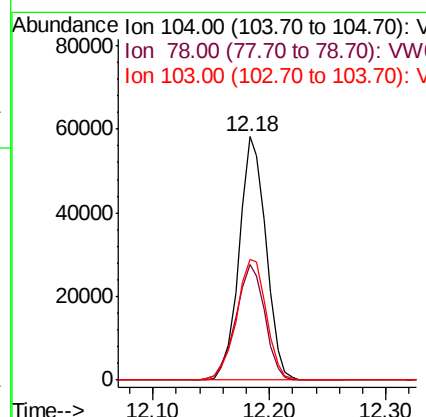
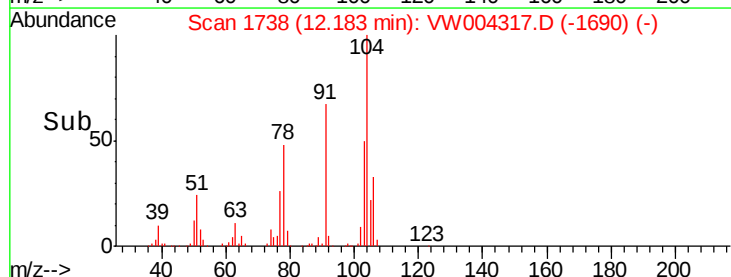
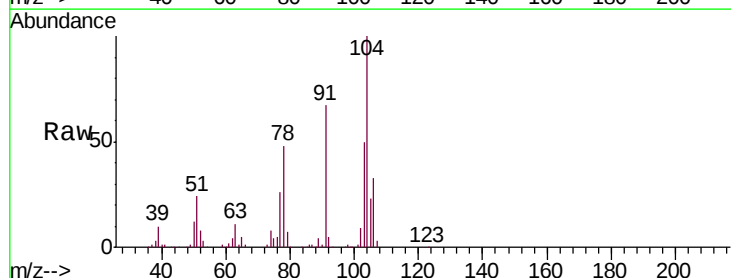
Manual Integrations  
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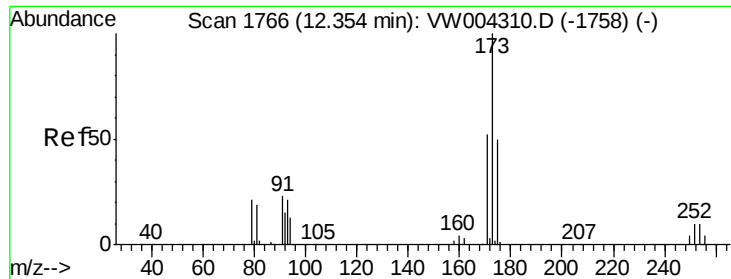
apatel  
7/30/2018 10:32:57 AM



#70  
Styrene  
Concen: 20.11 ug/l  
RT: 12.18 min Scan# 1738  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Tgt Ion:104 Resp: 93571  
Ion Ratio Lower Upper  
104 100  
78 51.4 40.9 61.3  
103 54.9 45.0 67.6





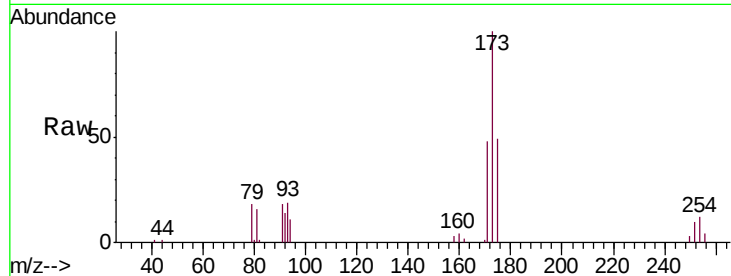
#71  
Bromoform  
Concen: 21.37 ug/l  
RT: 12.35 min Scan# 1766  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 24.5  | 73.5  |
| 254     | 0.0   | 0.2   | 0.2   |

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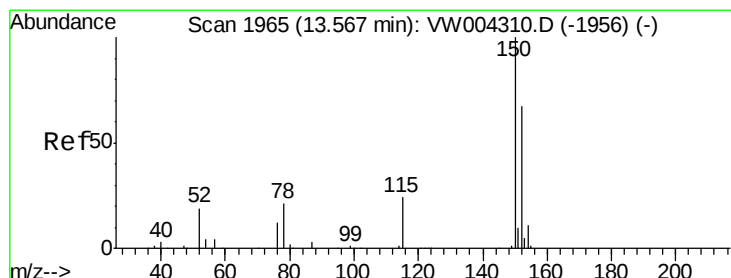
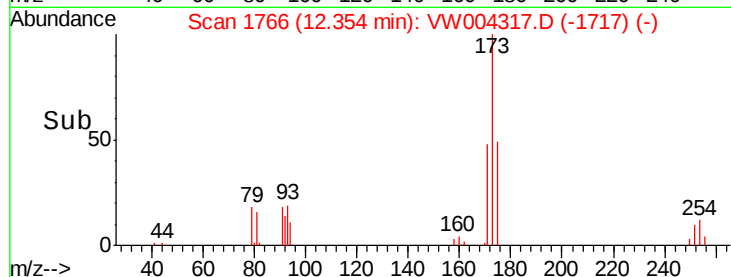
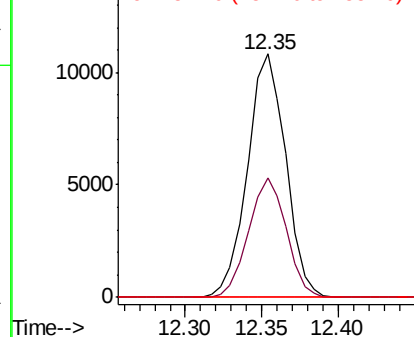


Abundance

Ion 172.70 (172.40 to 173.40): V

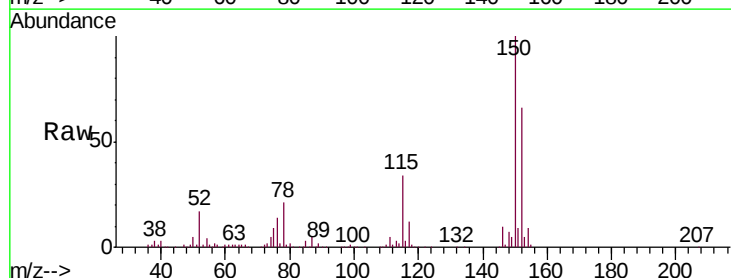
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.9  | 28.8  | 86.4  |
| 150     | 162.4 | 0.0   | 346.4 |

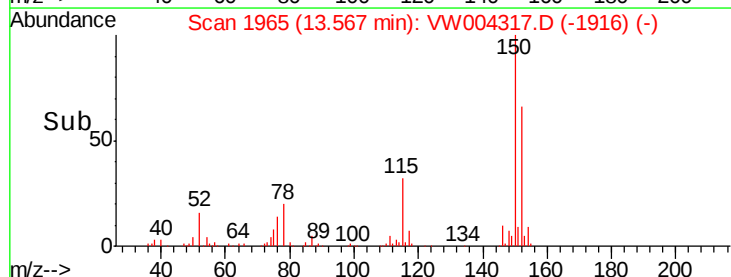
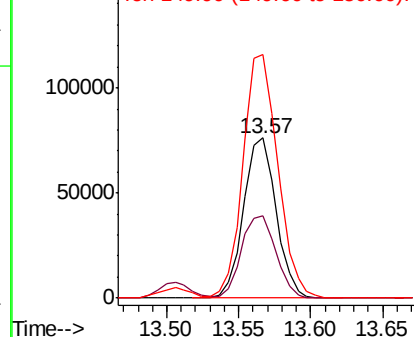


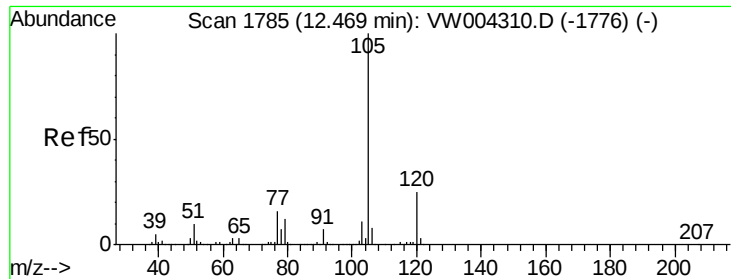
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.64 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion:105 Resp: 154341

Ion Ratio Lower Upper

105 100

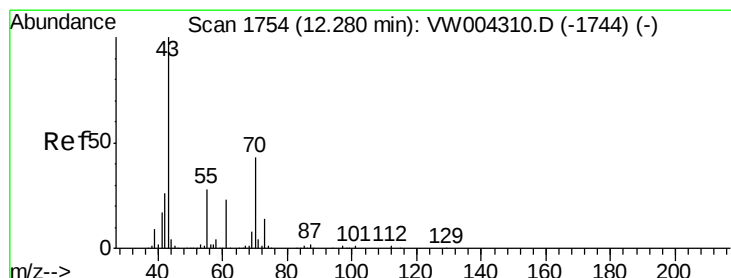
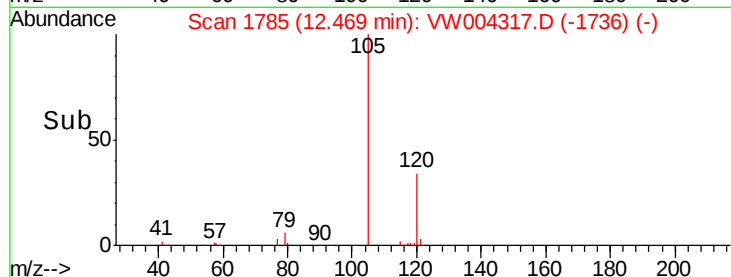
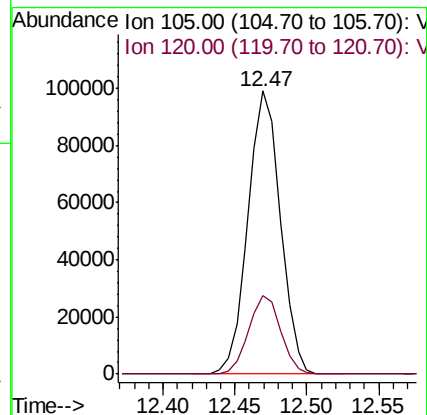
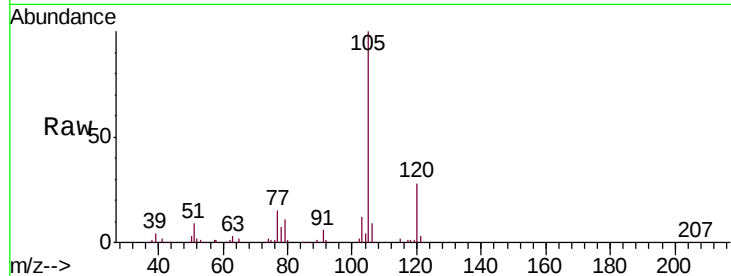
120 27.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 15.69 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Tgt Ion: 43 Resp: 28442

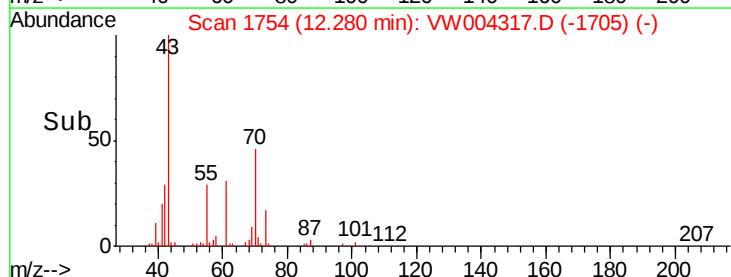
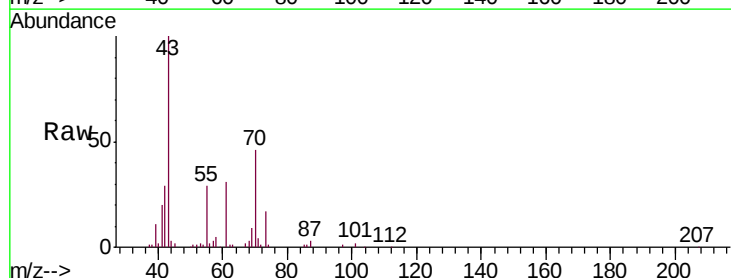
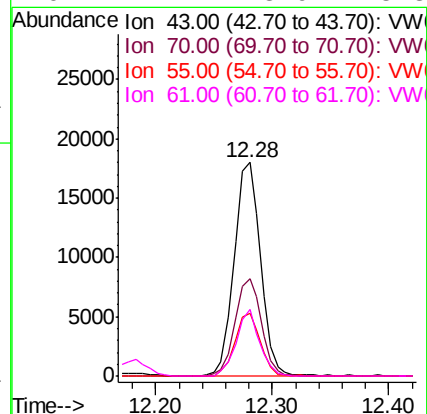
Ion Ratio Lower Upper

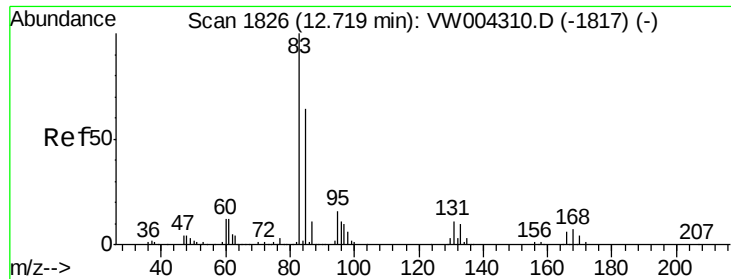
43 100

70 45.4 34.2 51.4

55 28.3 21.8 32.8

61 27.1 18.9 28.3





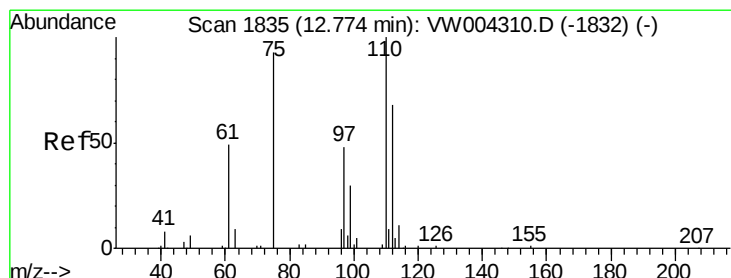
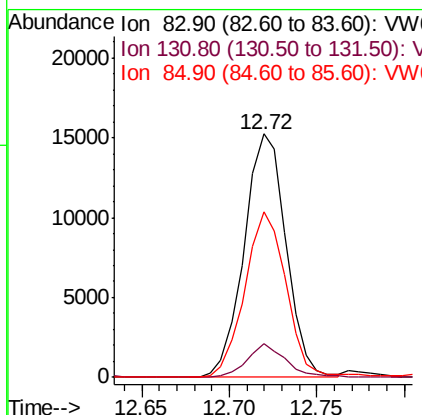
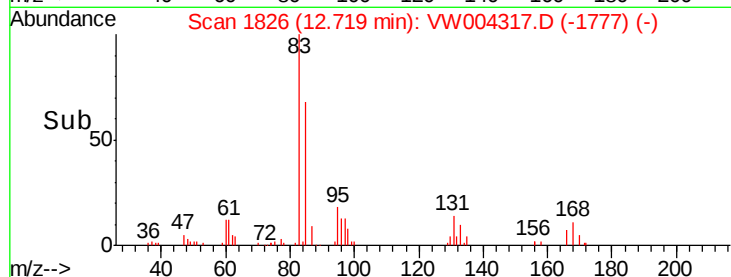
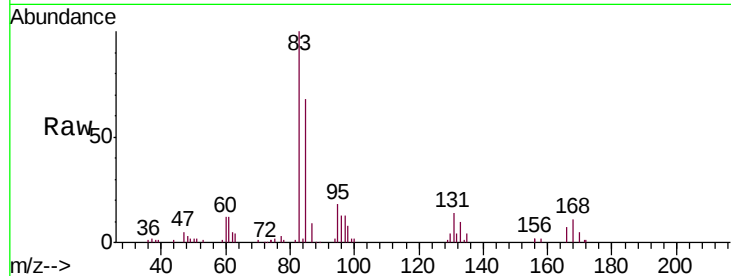
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.46 ug/l  
 RT: 12.72 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 12.7  | 5.5   | 16.4  |
| 85      | 66.9  | 31.9  | 95.9  |

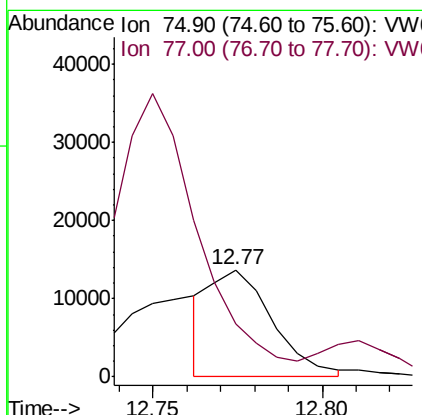
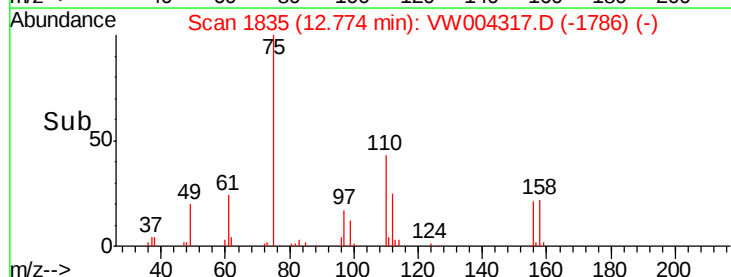
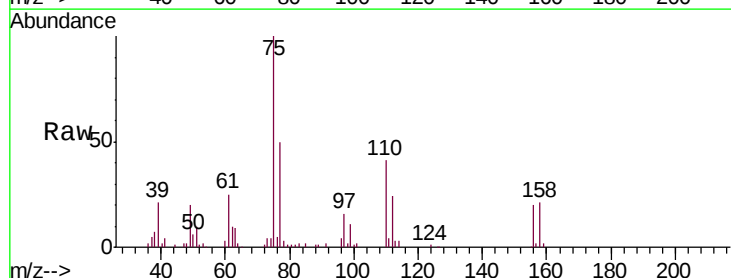
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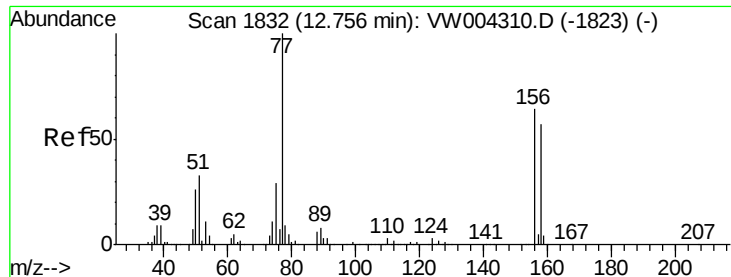
apatel  
 7/30/2018 10:32:57 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 16.21 ug/l m  
 RT: 12.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.91 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

ClientSampleId :

VW0730SBS01

Tot Ion:156 Resp: 39847

Ion Ratio Lower Upper

156 100

77 161.9 92.9 278.7

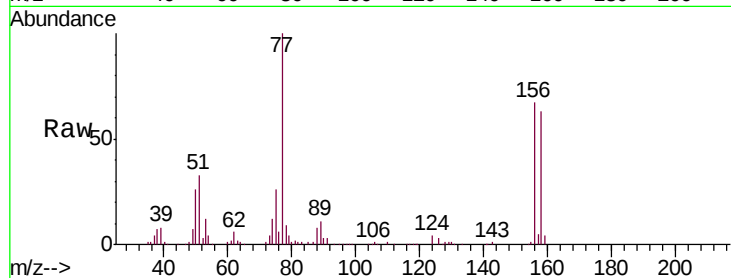
158 96.8 47.6 142.8

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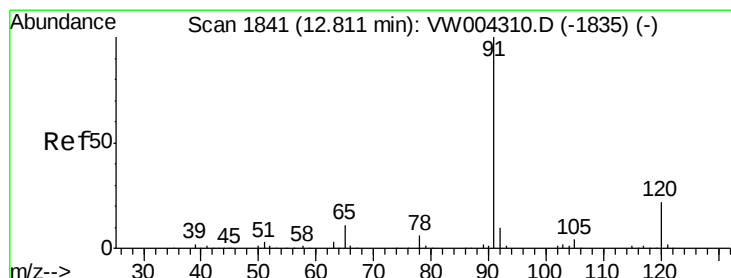
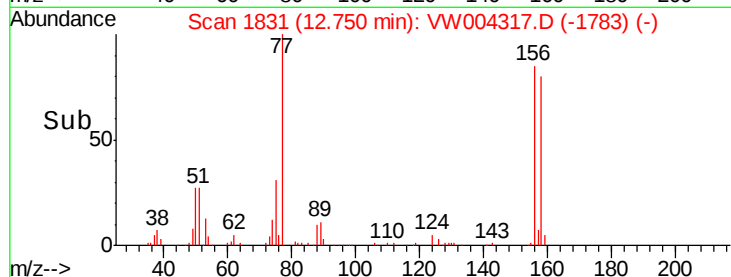
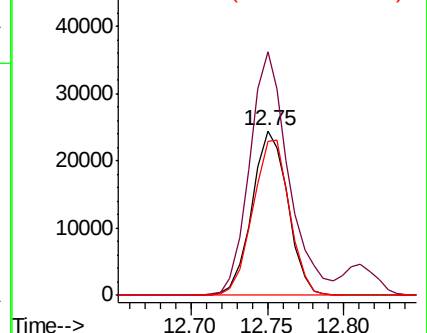
7/30/2018 10:32:57 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.70 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004317.D

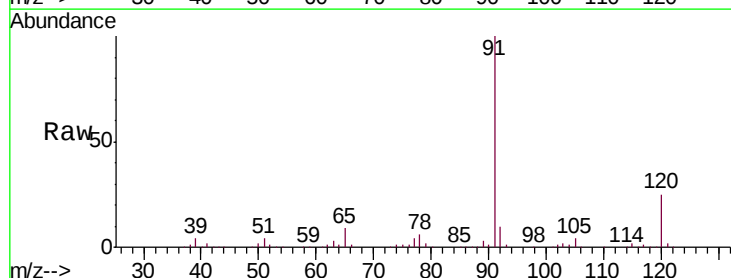
Acq: 29 Jul 2018 16:56

Tgt Ion: 91 Resp: 178540

Ion Ratio Lower Upper

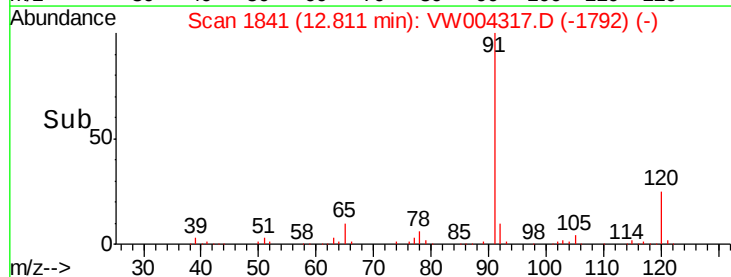
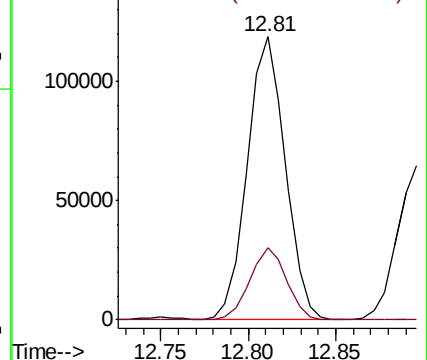
91 100

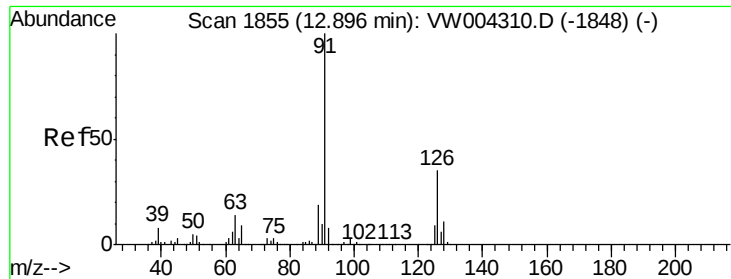
120 24.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





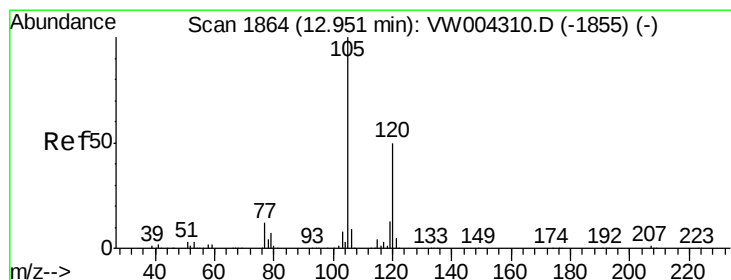
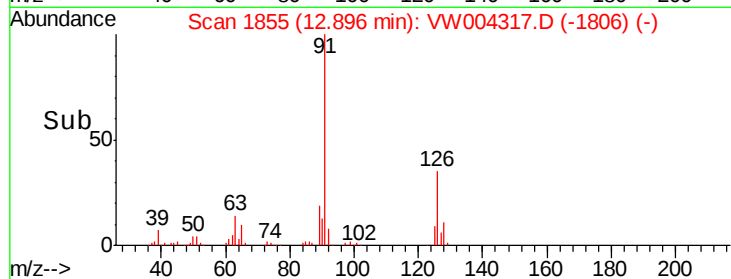
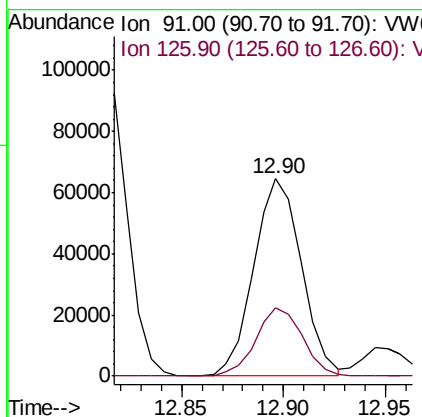
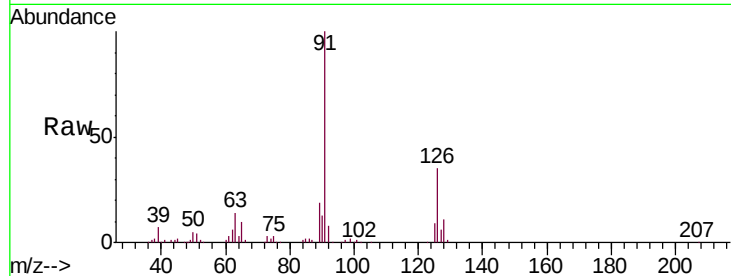
#79  
 2-Chlorotoluene  
 Concen: 18.22 ug/l  
 RT: 12.90 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.1  | 17.1  | 51.2  |

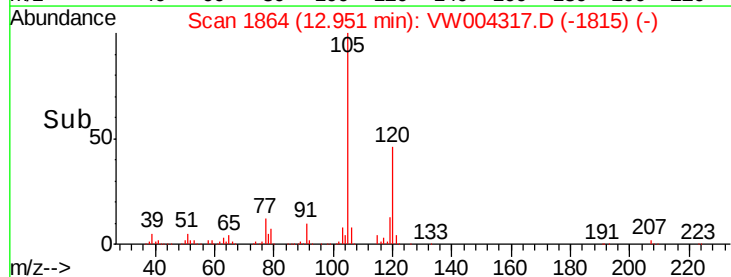
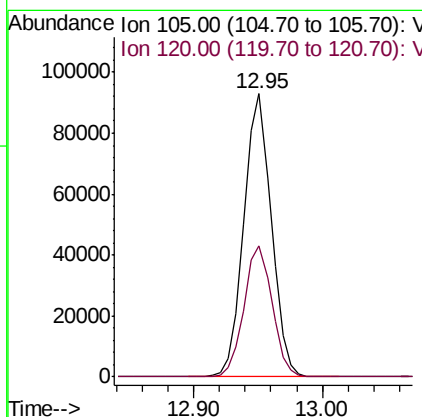
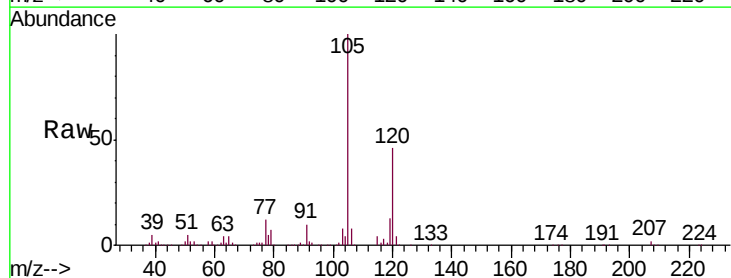
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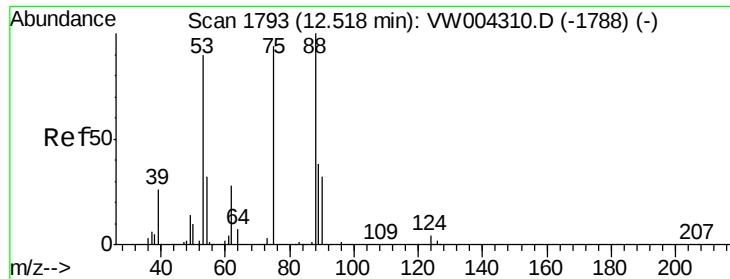
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.13 ug/l  
 RT: 12.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.3  | 25.1  | 75.2  |





#81

trans-1,4-Dichloro-2-butene

Concen: 17.32 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

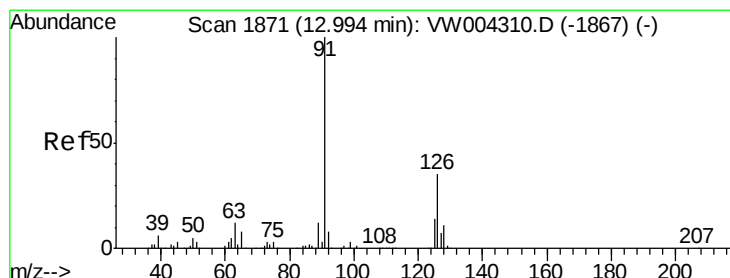
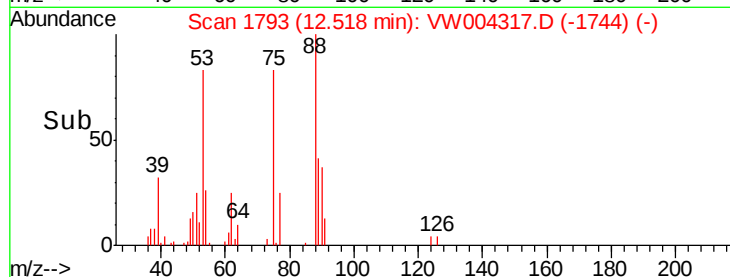
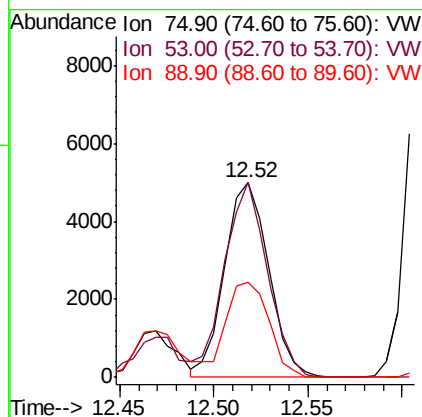
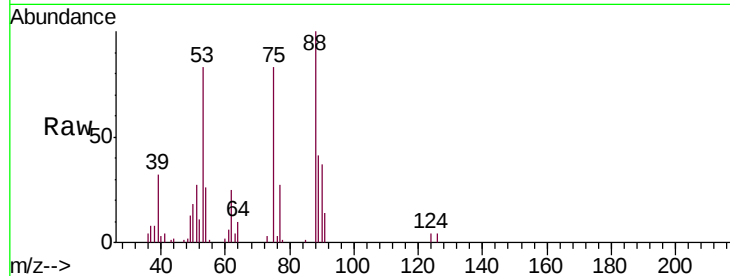
ClientSampleId :

VW0730SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 8112  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 97.9  | 77.6  | 116.4 |
| 89       | 47.8  | 36.0  | 54.0  |

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#82

4-Chlorotoluene

Concen: 18.74 ug/l

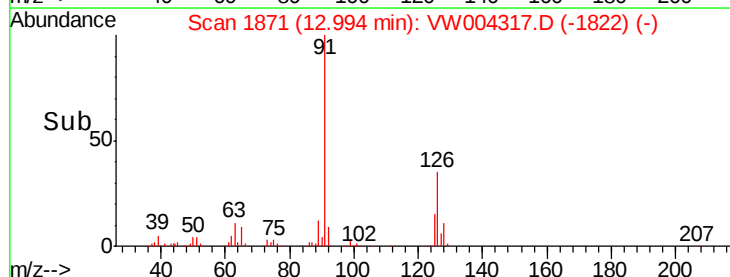
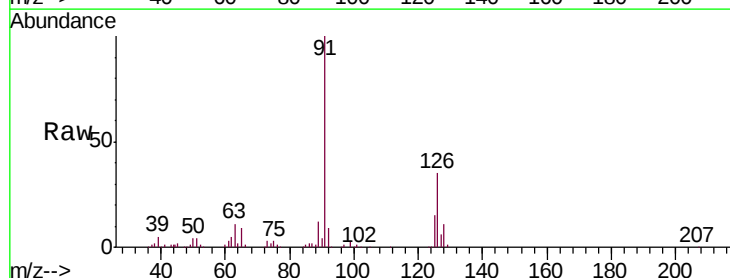
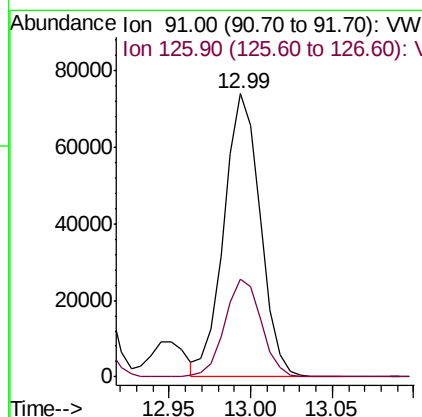
RT: 12.99 min Scan# 1871

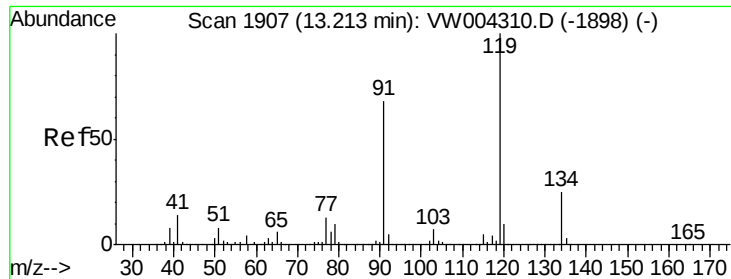
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 114451 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.7  | 17.4  | 52.3   |





#83

tert-Butylbenzene

Concen: 19.33 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

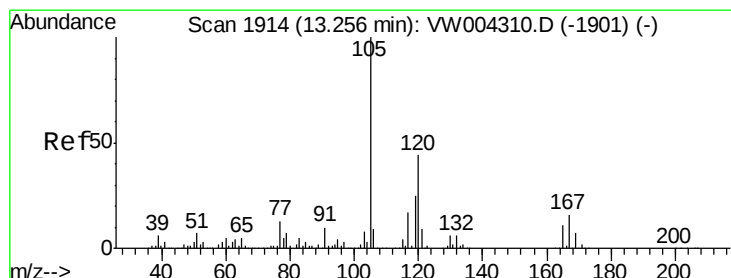
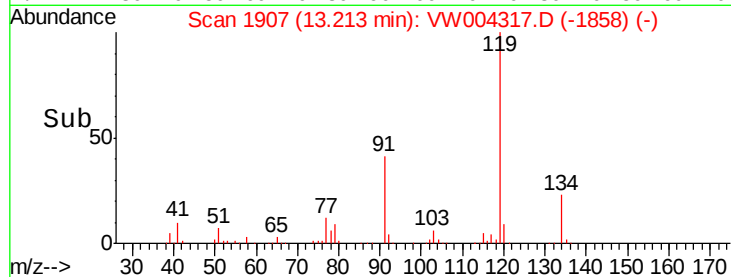
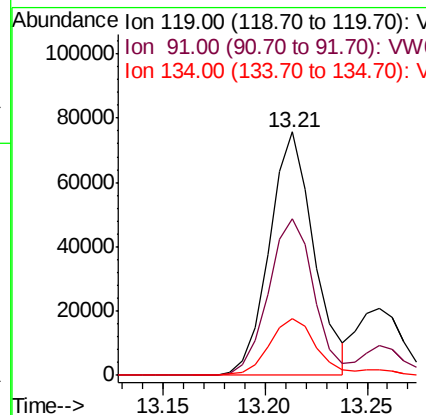
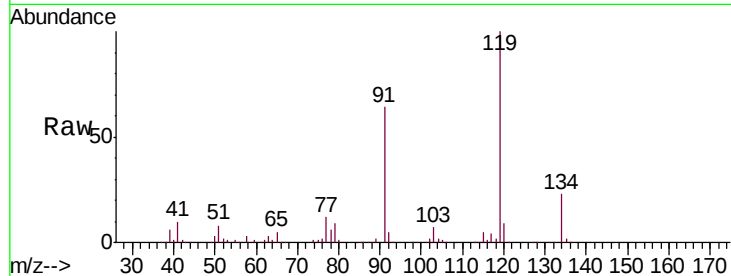
ClientSampleId :

VW0730SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 114868 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 65.6  | 32.8  | 98.3   |
| 134       | 24.7  | 12.2  | 36.6   |

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#84

1,2,4-Trimethylbenzene

Concen: 19.47 ug/l

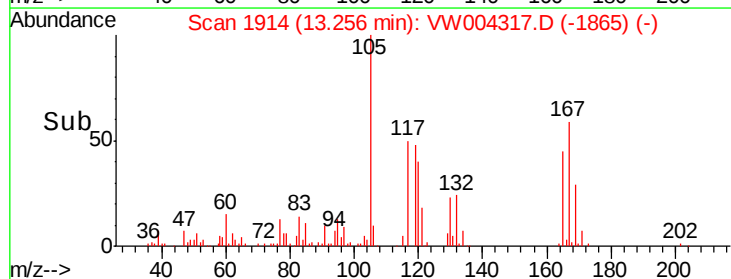
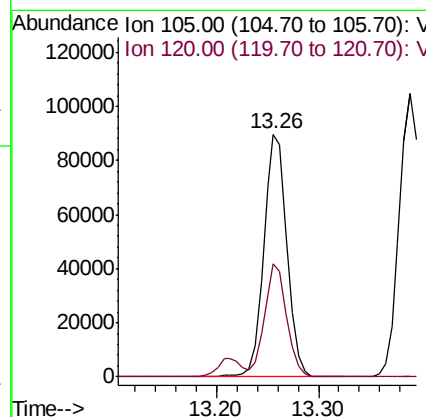
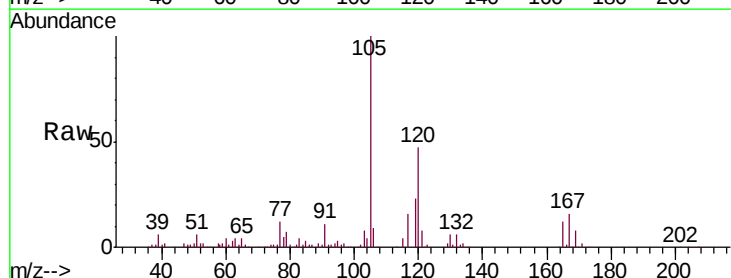
RT: 13.26 min Scan# 1914

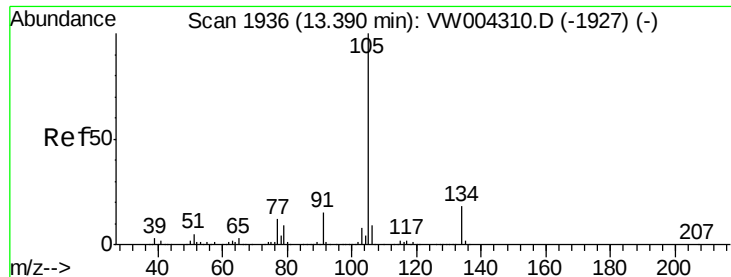
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 141639 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.5  | 22.7  | 68.0   |





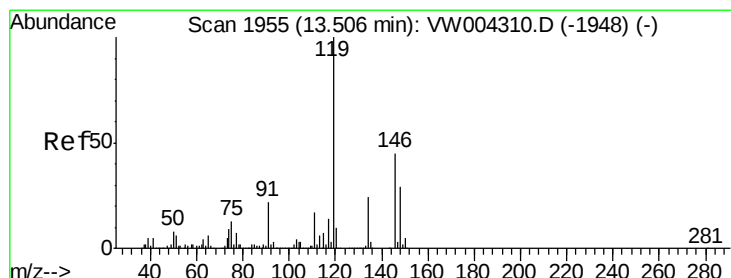
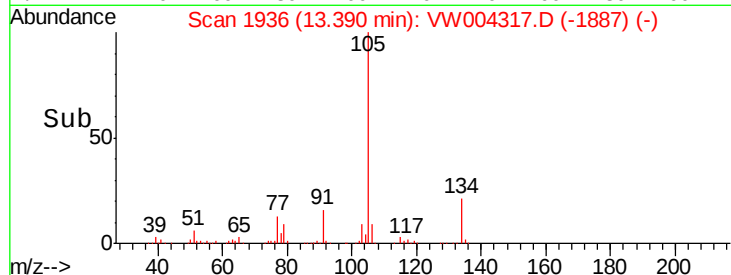
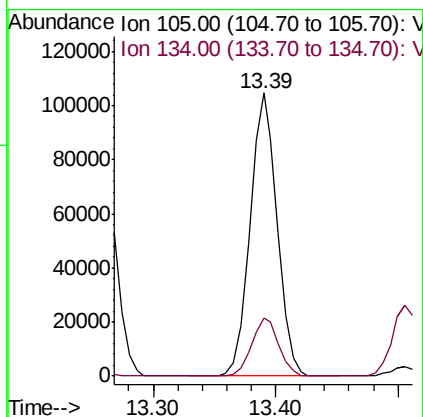
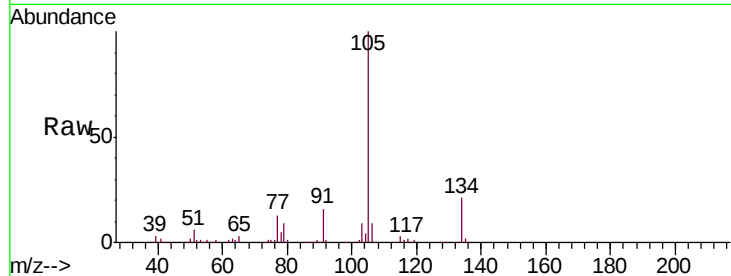
#85  
 sec-Butylbenzene  
 Concen: 18.41 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 159813 |       |       |
| 134     | 20.8  | 9.6    | 28.8  |       |

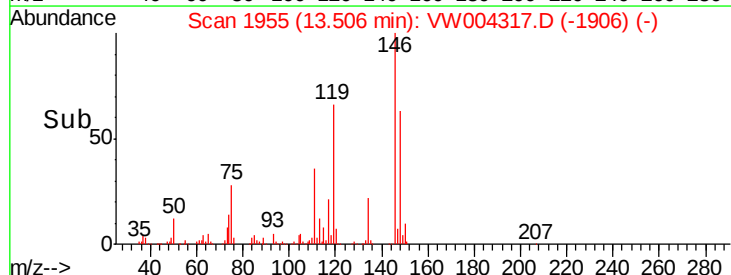
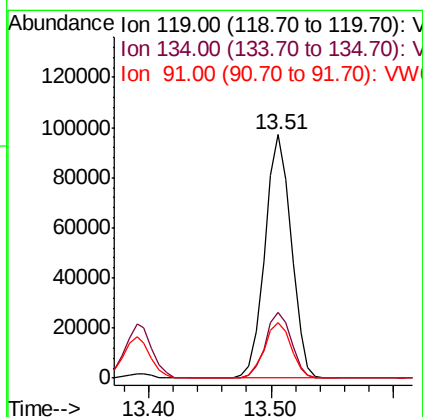
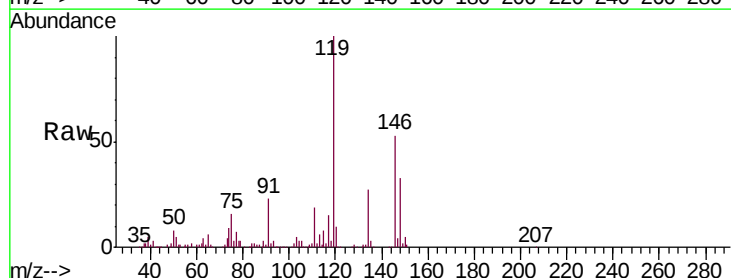
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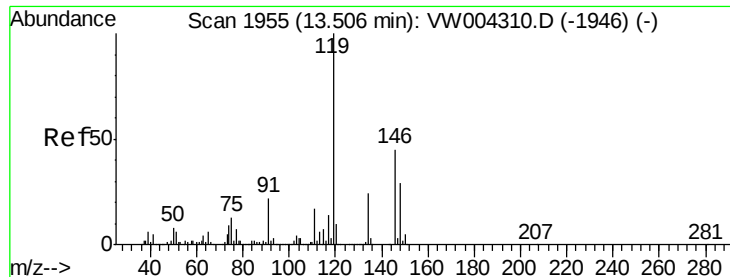
apatel  
 7/30/2018 10:32:57 AM



#86  
 p-Isopropyltoluene  
 Concen: 18.75 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 146242 |       |       |
| 134     | 26.8  | 12.6   | 37.8  |       |
| 91      | 23.0  | 11.3   | 33.9  |       |





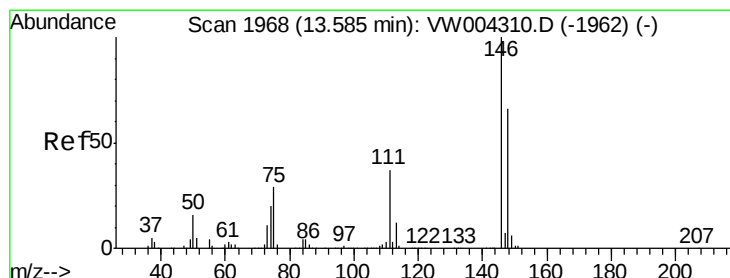
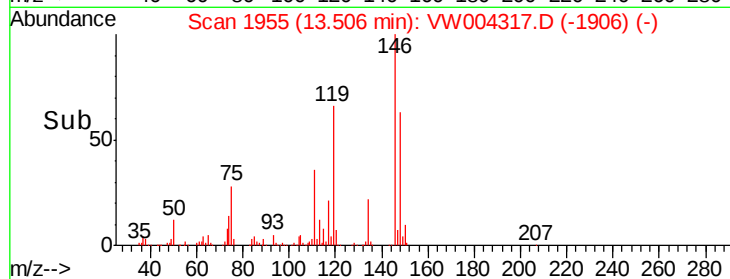
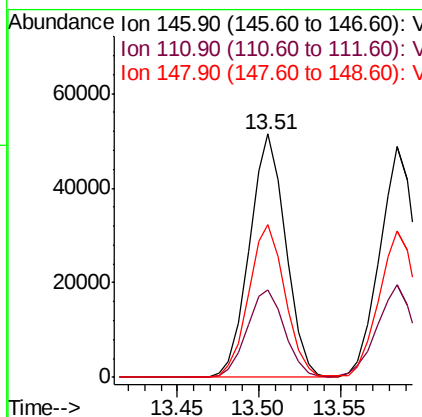
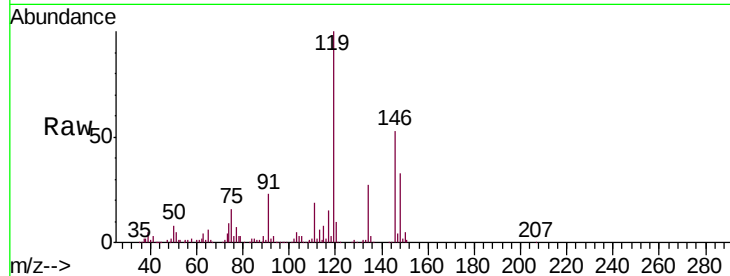
#87  
 1,3-Dichlorobenzene  
 Concen: 19.80 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 19.9  | 59.6  |
| 148     | 63.2  | 31.9  | 95.5  |

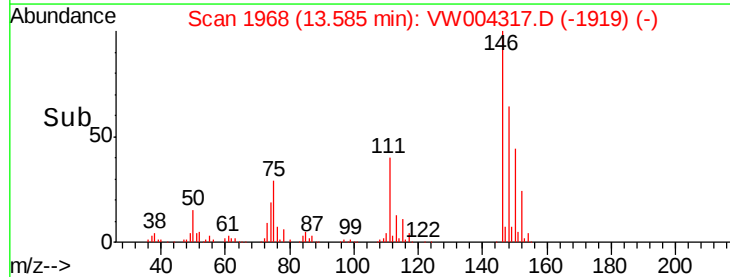
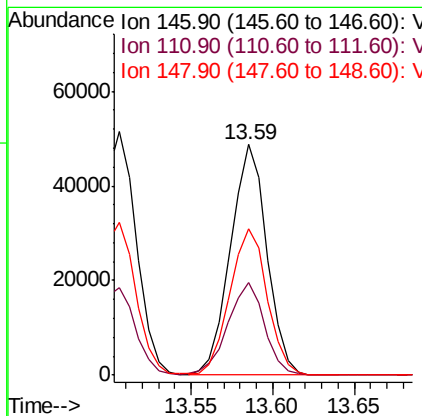
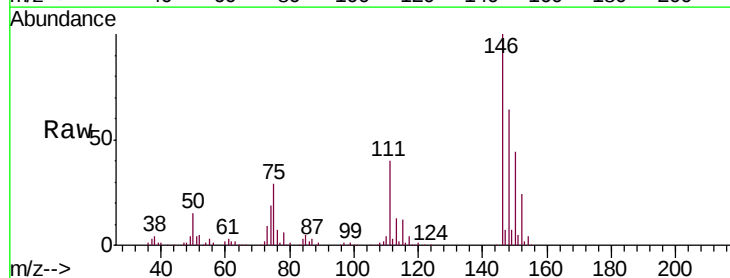
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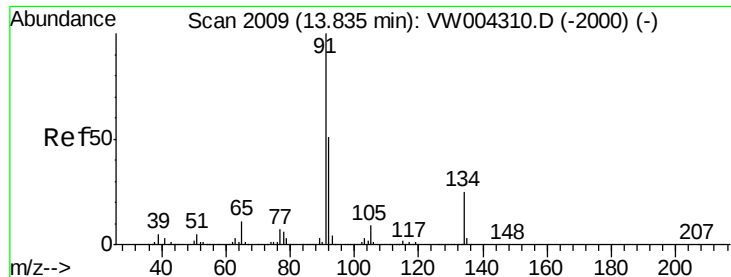
apatel  
 7/30/2018 10:32:57 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.94 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 19.4  | 58.1  |
| 148     | 65.4  | 32.8  | 98.3  |





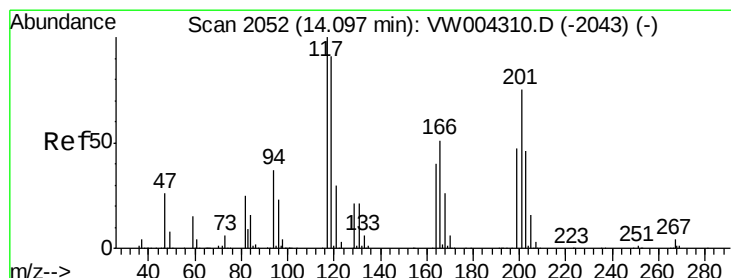
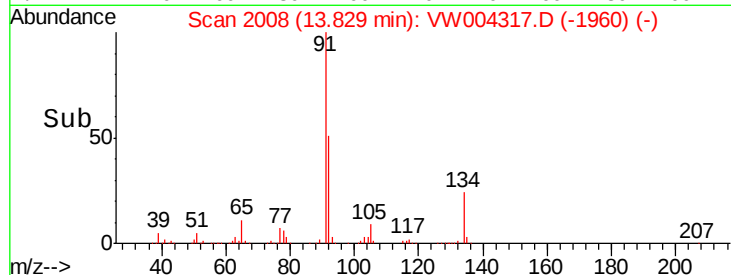
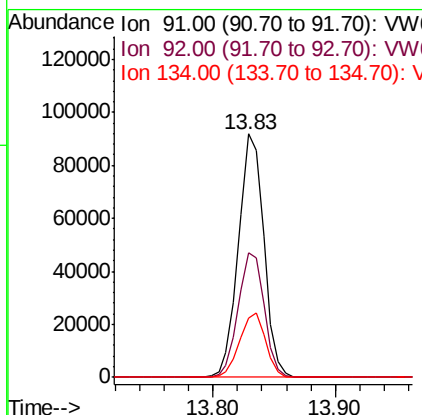
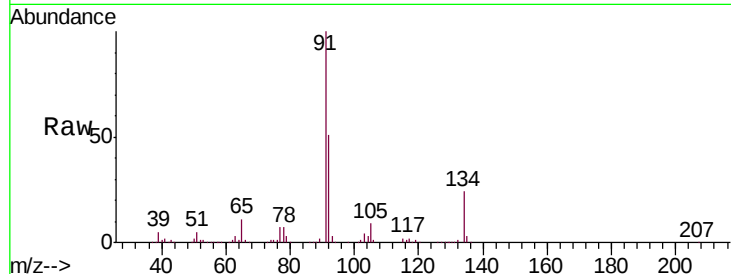
#89  
n-Butylbenzene  
Concen: 18.11 ug/l  
RT: 13.83 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0730SBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 131855 |       |       |
| 92      | 52.5 | 26.4  | 79.2   |       |       |
| 134     | 27.2 | 12.9  | 38.6   |       |       |

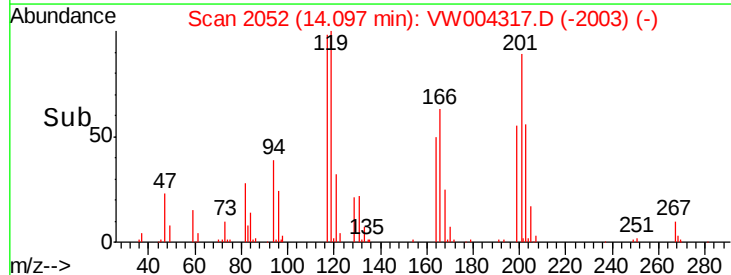
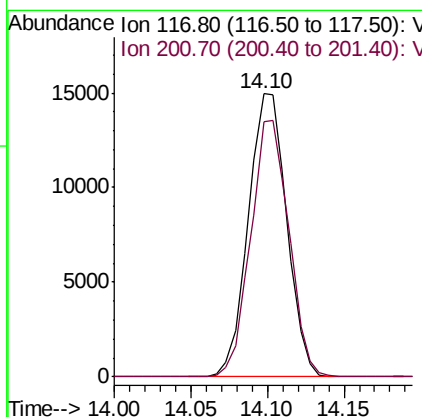
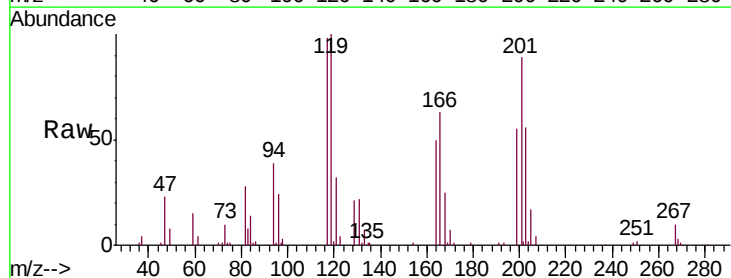
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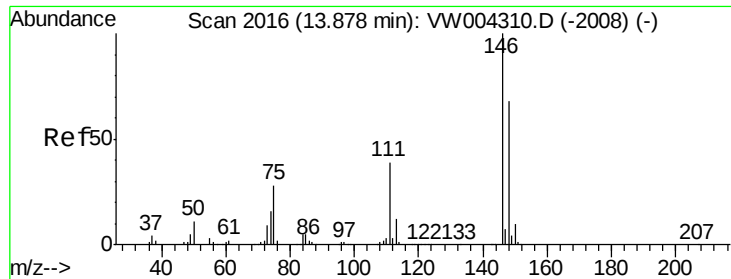
apatel  
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#90  
Hexachloroethane  
Concen: 18.82 ug/l  
RT: 14.10 min Scan# 2052  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 26179 |       |       |
| 201     | 90.1 | 41.5  | 124.5 |       |       |





#91

1,2-Dichlorobenzene

Concen: 18.93 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA\_W

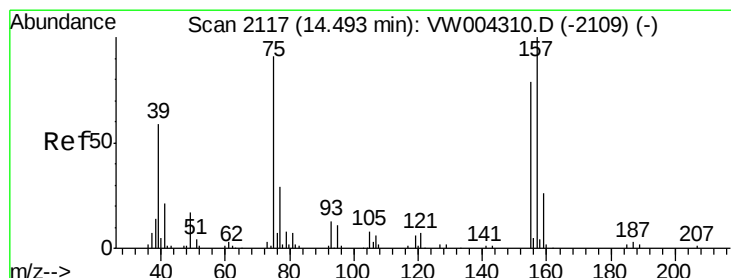
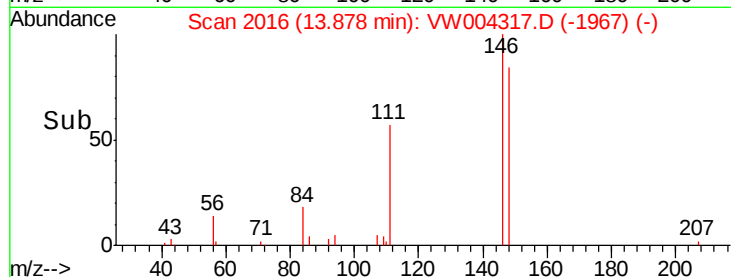
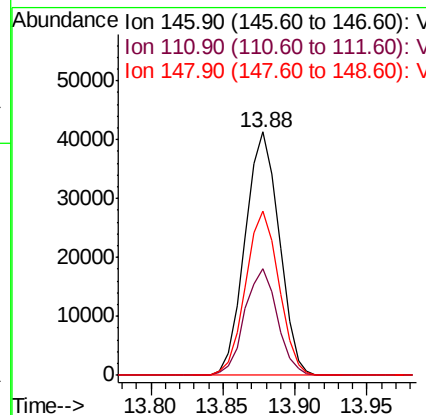
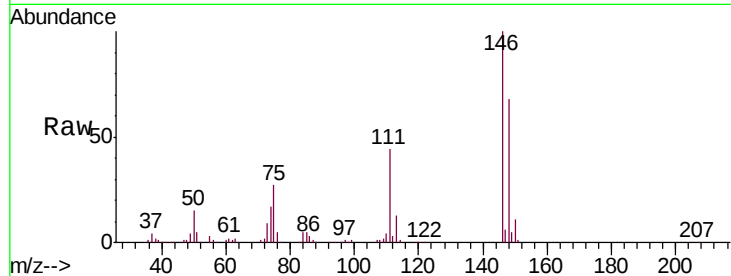
ClientSampleID :

VW0730SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 67881 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.5  | 19.7  | 59.1  |
| 148       | 65.9  | 32.0  | 96.0  |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.27 ug/l

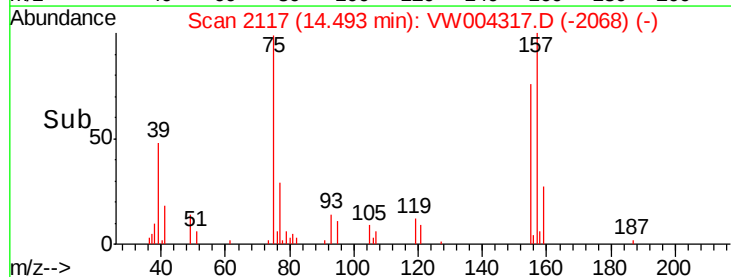
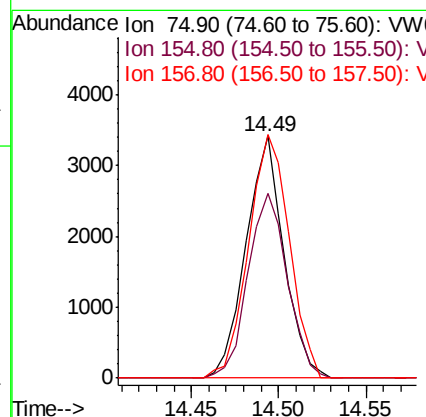
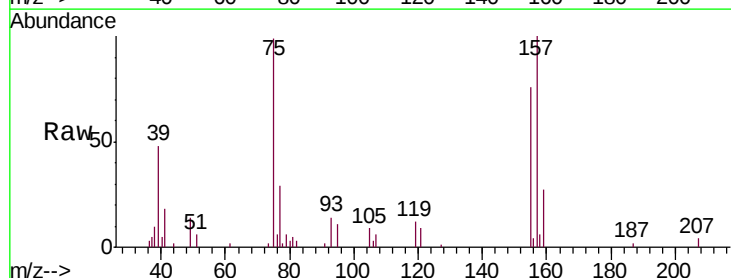
RT: 14.49 min Scan# 2117

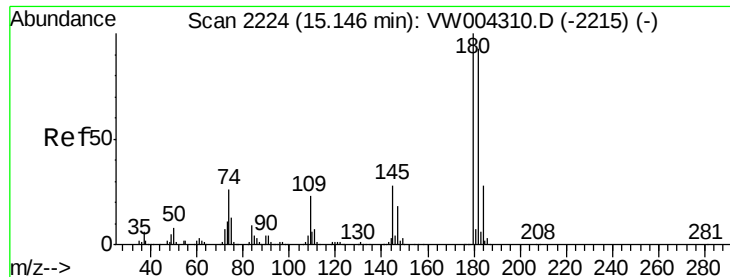
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 5133  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 79.4  | 41.4  | 124.4 |
| 157       | 108.5 | 55.2  | 165.6 |





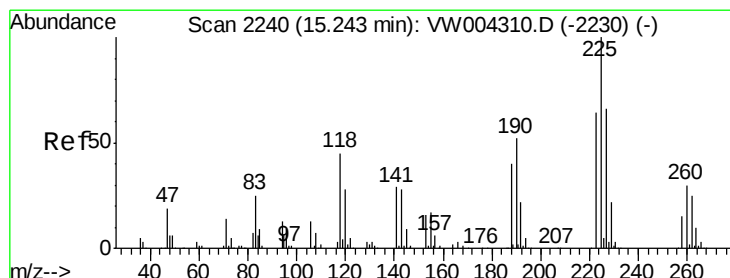
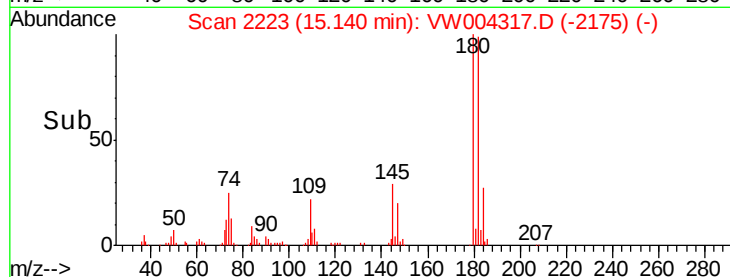
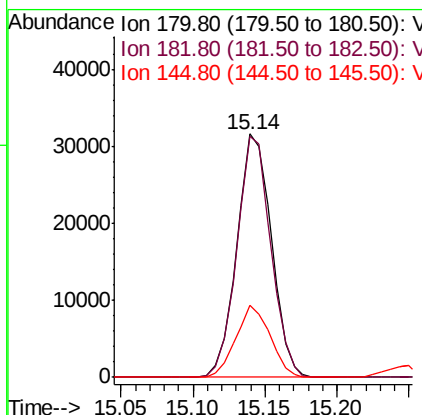
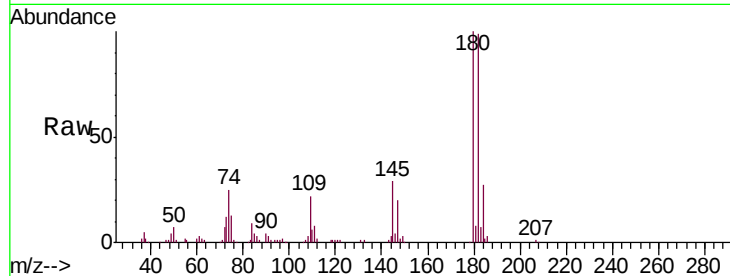
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.83 ug/l  
 RT: 15.14 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0730SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 47.3  | 141.8 |
| 145     | 29.5  | 14.8  | 44.4  |

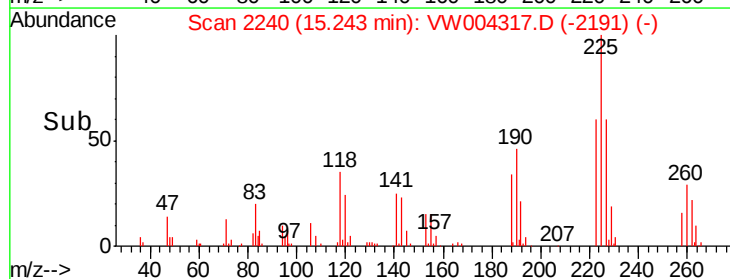
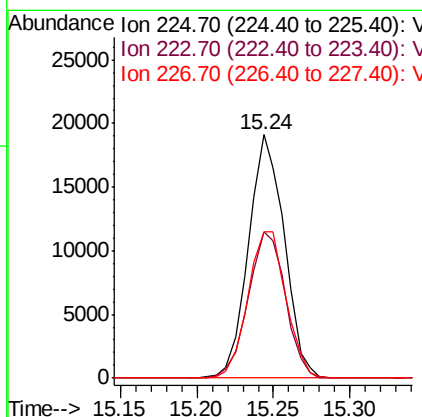
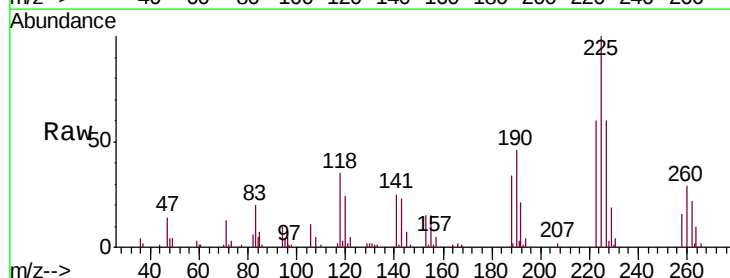
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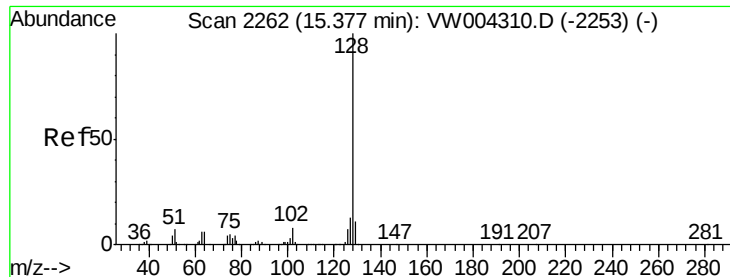
apatel  
 7/30/2018 10:32:57 AM



#94  
 Hexachlorobutadiene  
 Concen: 20.26 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. 0.00 min  
 Lab File: VW004317.D  
 Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 31.0  | 93.0  |
| 227     | 64.2  | 32.6  | 97.7  |





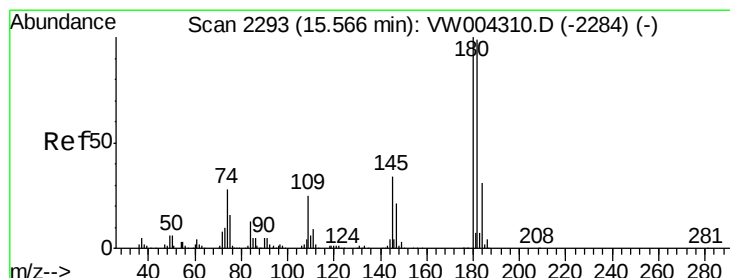
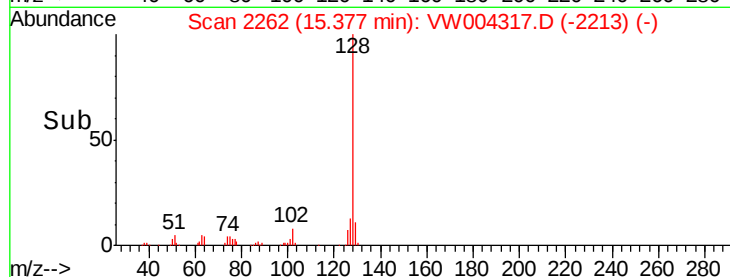
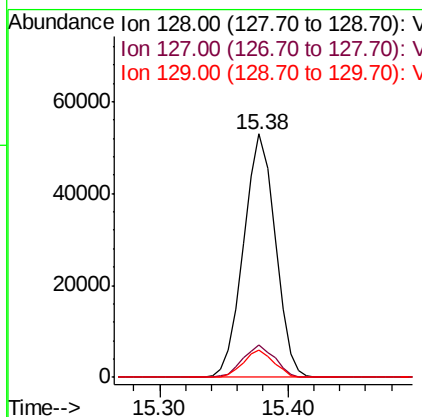
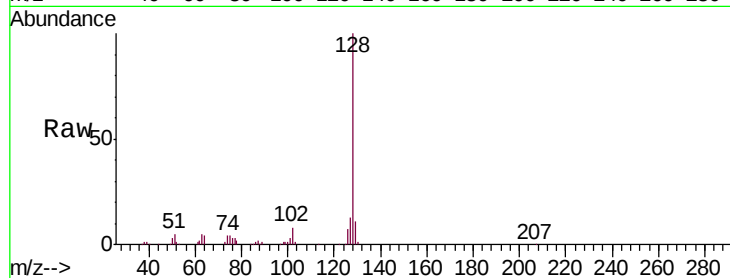
#95  
Naphthalene  
Concen: 20.81 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0730SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.4  | 15.6  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.53 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VW004317.D  
Acq: 29 Jul 2018 16:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 100.8 | 48.0  | 144.0 |
| 145     | 32.2  | 16.2  | 48.5  |

