

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\  
 Data File : VW000948.D  
 Acq On : 24 Jan 2018 15:16  
 Operator : JC/SY  
 Sample : VW0124SBSD01  
 Misc : 5.0G/5.0ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/25/2018 1:33:58 PM

Quant Time: Jan 25 11:55:25 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W012318S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 23 13:31:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 297283   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 418149   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 381723   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 211960   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 147759   | 51.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.72% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 127925   | 49.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.88%  |      |
| 50) Toluene-d8            | 10.33  | 98  | 532344   | 52.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.42% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 193760   | 52.68 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.36% |      |

## Target Compounds

|                               |      |     |        |       |      | Qvalue |
|-------------------------------|------|-----|--------|-------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 54370  | 18.97 | ug/l | 98     |
| 3) Chloromethane              | 2.22 | 50  | 50622  | 19.98 | ug/l | 98     |
| 4) Vinyl Chloride             | 2.36 | 62  | 45296  | 19.22 | ug/l | 98     |
| 5) Bromomethane               | 2.73 | 94  | 32056  | 18.49 | ug/l | 97     |
| 6) Chloroethane               | 2.90 | 64  | 24464  | 18.68 | ug/l | 92     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 83664  | 19.28 | ug/l | 95     |
| 8) Diethyl Ether              | 3.68 | 74  | 21611  | 19.89 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 59286  | 21.15 | ug/l | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 45363  | 18.64 | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 24177m | 78.24 | ug/l |        |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 50236  | 20.85 | ug/l | 85     |
| 13) Acrolein                  | 3.90 | 56  | 22105  | 73.27 | ug/l | 96     |
| 14) Allyl chloride            | 4.67 | 41  | 72846  | 19.41 | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 73863  | 87.01 | ug/l | 99     |
| 16) Acetone                   | 4.13 | 43  | 82571  | 80.20 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.36 | 76  | 155153 | 19.50 | ug/l | 97     |
| 18) Methyl Acetate            | 4.67 | 43  | 33440  | 15.96 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 128626 | 20.78 | ug/l | 100    |
| 20) Methylene Chloride        | 4.90 | 84  | 59112  | 21.31 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 56768  | 20.28 | ug/l | 97     |
| 22) Diisopropyl ether         | 6.32 | 45  | 148107 | 22.04 | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 382685 | 91.64 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 95261  | 21.18 | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 104905 | 83.22 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 92297  | 20.27 | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 60124  | 20.78 | ug/l | 97     |
| 28) Bromochloromethane        | 7.51 | 49  | 38166  | 20.20 | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 59647  | 86.00 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 101714 | 20.96 | ug/l | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 90056  | 19.39 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 95430  | 20.35 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 79862  | 20.02 | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 40112  | 17.81 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.06 | 117 | 86442  | 19.64 | ug/l | 99     |

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\  
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 Misc : 5.0G/5.0ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/25/2018 1:33:58 PM

Quant Time: Jan 25 11:55:25 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W012318S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 23 13:31:00 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 92735    | 19.30  | ug/l   | 95       |
| 40) Benzene                    | 8.32  | 78   | 224165   | 20.66  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 19996    | 15.82  | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 69582    | 20.82  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 71998    | 18.86  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 66013    | 20.48  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 53715    | 21.22  | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 32478    | 20.09  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 74387    | 20.80  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 33399    | 18.22  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 12229    | 346.00 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.22 | 43   | 197736   | 90.01  | ug/l   | 100      |
| 52) Toluene                    | 10.40 | 92   | 144093   | 21.03  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 71042    | 19.61  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 81683    | 20.49  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 46565    | 20.62  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 54179    | 19.97  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 75651    | 20.52  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 112989   | 84.73  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 147332   | 86.48  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 55625    | 20.40  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 47228    | 20.08  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 62566    | 19.75  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 164798   | 21.04  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 59557    | 21.18  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 276720   | 20.92  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 217989   | 42.39  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 98854    | 20.96  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 165864   | 21.58  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 37558    | 19.69  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 275364   | 20.11  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 63993    | 19.24  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 56036    | 19.14  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 43118m   | 17.58  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 72562    | 20.82  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.82 | 91   | 338634   | 20.49  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 193762   | 20.79  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 243174   | 20.87  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 13972    | 17.52  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 206331   | 20.83  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 210129   | 20.58  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 246662   | 20.93  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 299871   | 20.35  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 267851   | 20.50  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 141987   | 20.54  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 142937   | 20.68  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 249047   | 20.29  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 48005    | 19.76  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 130826   | 21.01  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11183    | 17.31  | ug/l   | 97       |

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\  
Data File : VW000948.D  
Acq On : 24 Jan 2018 15:16  
Operator : JC/SY  
Sample : VW0124SBSD01  
Misc : 5.0G/5.0ML/MSVOA W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

Manual Integrations  
APPROVED

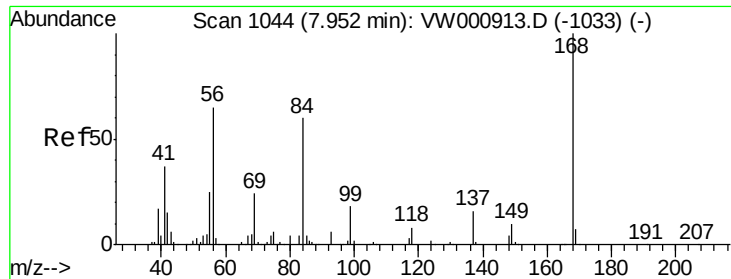
MMDadoda  
1/25/2018 1:33:58 PM

Quant Time: Jan 25 11:55:25 2018  
Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W012318S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 23 13:31:00 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.16 | 180  | 98301    | 21.19 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.26 | 225  | 59702    | 20.30 | ug/l  | 99       |
| 95) Naphthalene            | 15.39 | 128  | 190734   | 19.47 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.58 | 180  | 91517    | 21.44 | ug/l  | 100      |

(#) = 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: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion:168 Resp: 297283

Ion Ratio Lower Upper

168 100

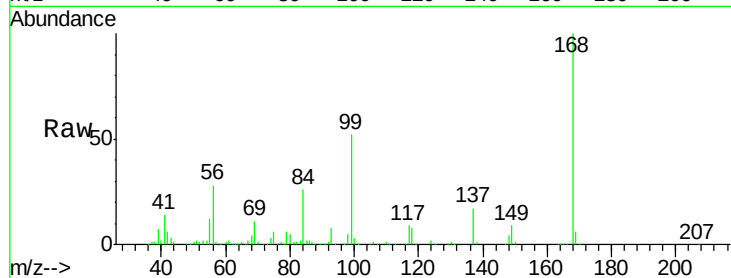
99 52.4 40.6 61.0

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

150000

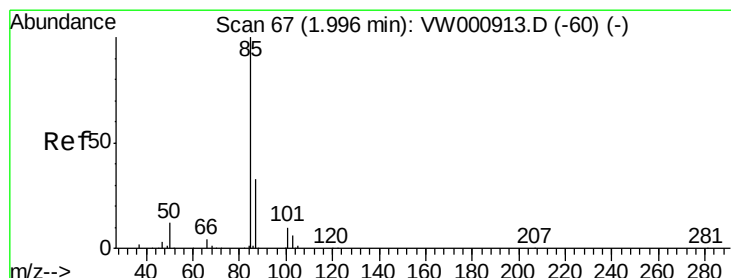
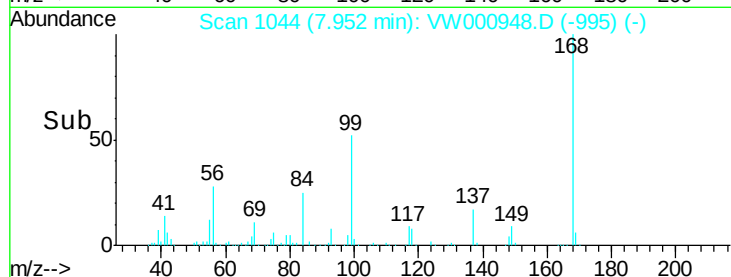
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.97 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW000948.D

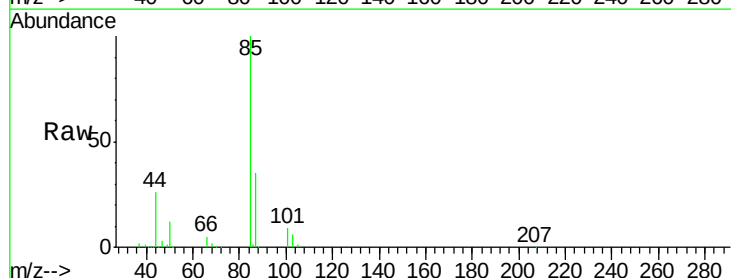
Acq: 24 Jan 2018 15:16

Tgt Ion: 85 Resp: 54370

Ion Ratio Lower Upper

85 100

87 34.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

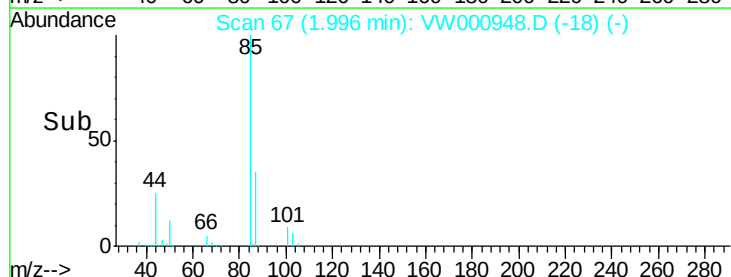
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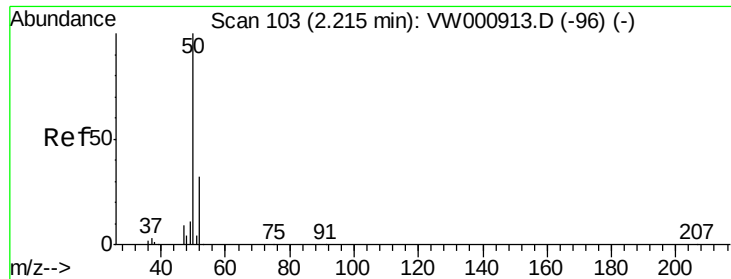
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.98 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampled :

VW0124SBSD01

Tot Ion: 50 Resp: 50622

Ion Ratio Lower Upper

50 100

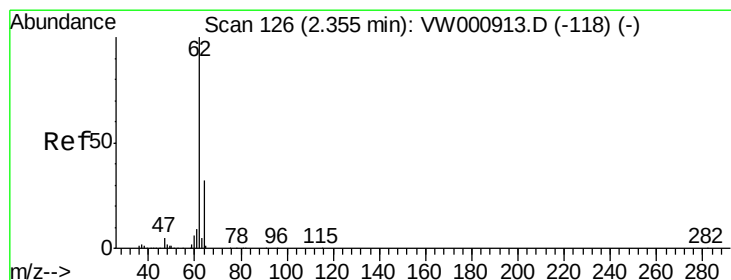
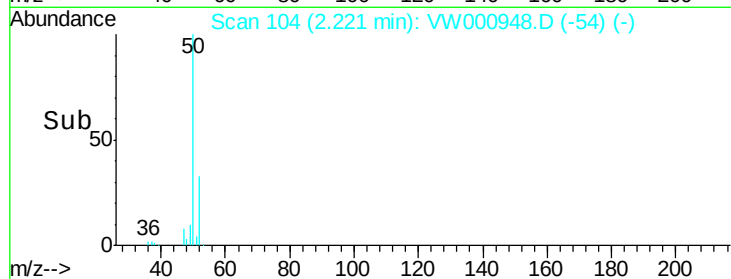
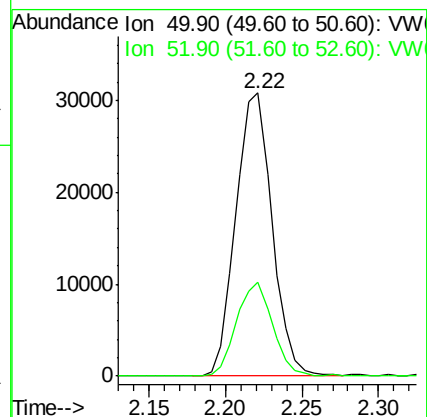
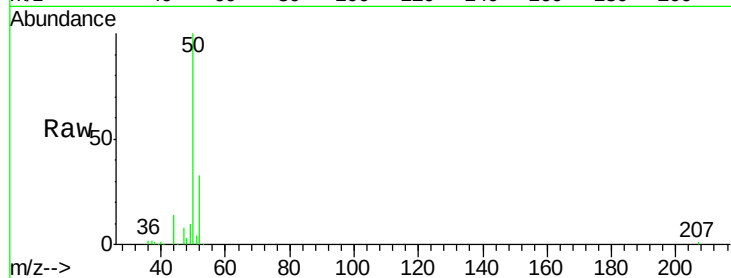
52 33.0 25.5 38.3

Manual Integrations

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1/25/2018 1:33:58 PM



#4

Vinyl Chloride

Concen: 19.22 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000948.D

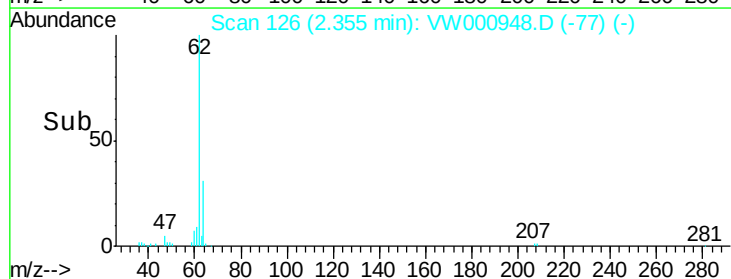
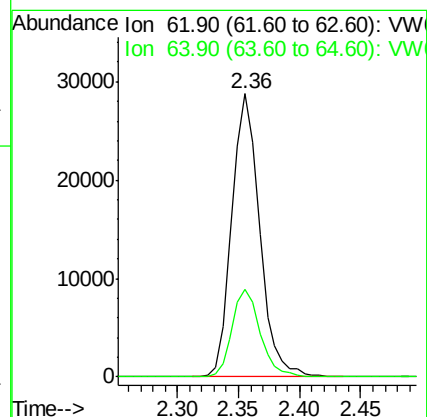
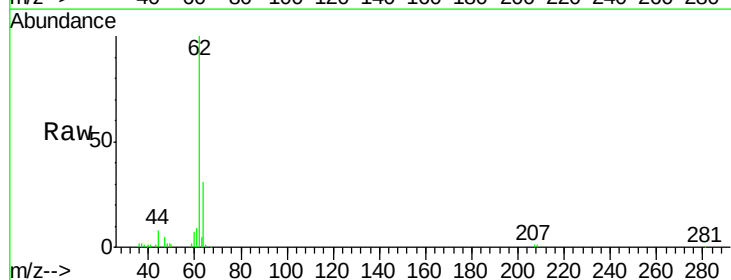
Acq: 24 Jan 2018 15:16

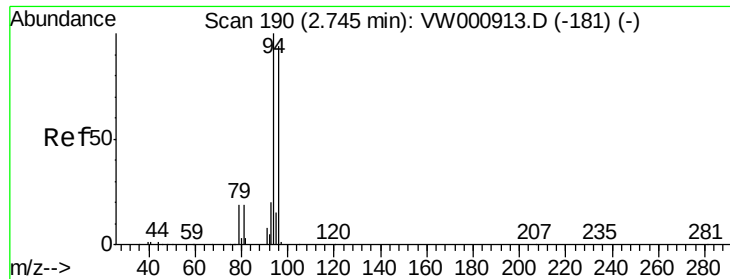
Tgt Ion: 62 Resp: 45296

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 18.49 ug/l

RT: 2.73 min Scan# 188

Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 94 Resp: 32056

Ion Ratio Lower Upper

94 100

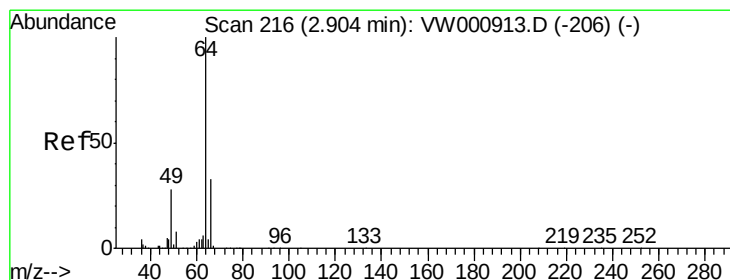
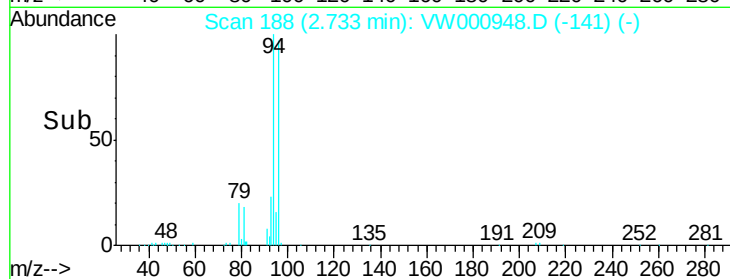
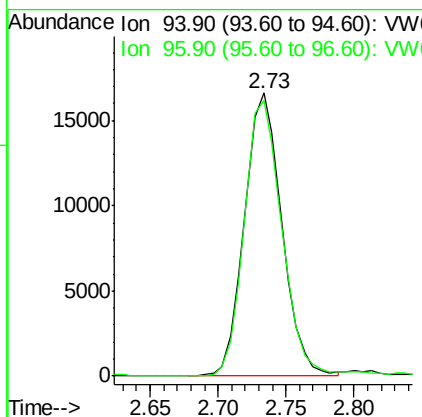
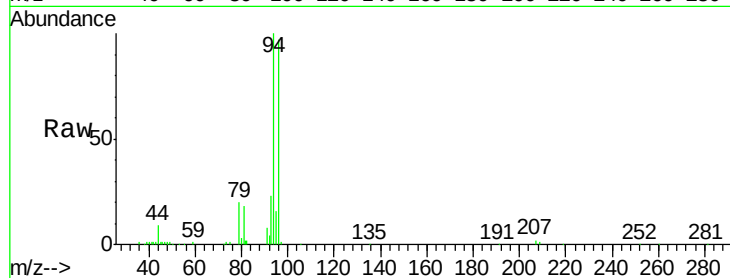
96 97.1 75.5 113.3

Manual Integrations

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1/25/2018 1:33:58 PM



#6

Chloroethane

Concen: 18.68 ug/l

RT: 2.90 min Scan# 215

Delta R.T. -0.01 min

Lab File: VW000948.D

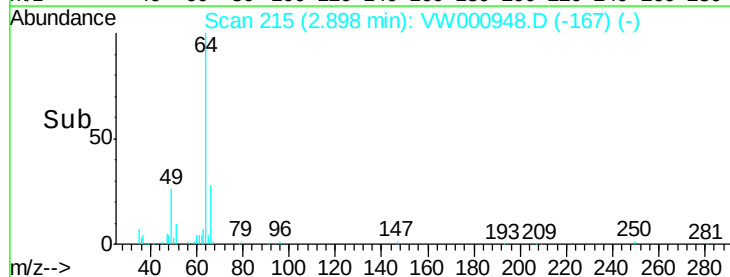
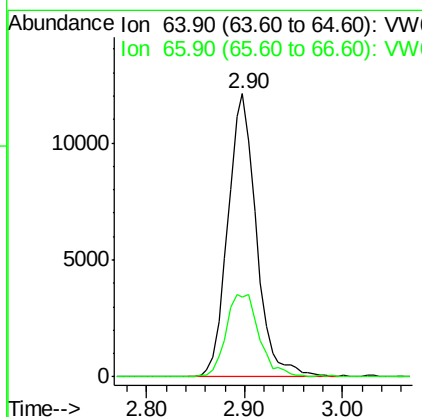
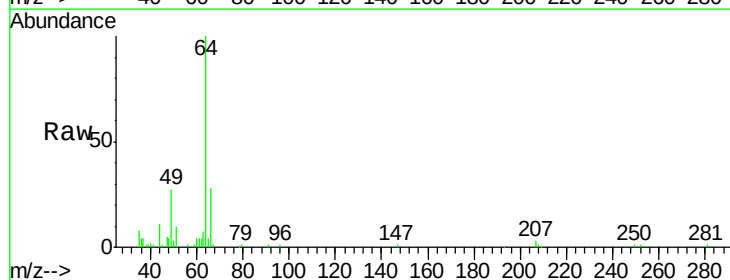
Acq: 24 Jan 2018 15:16

Tgt Ion: 64 Resp: 24464

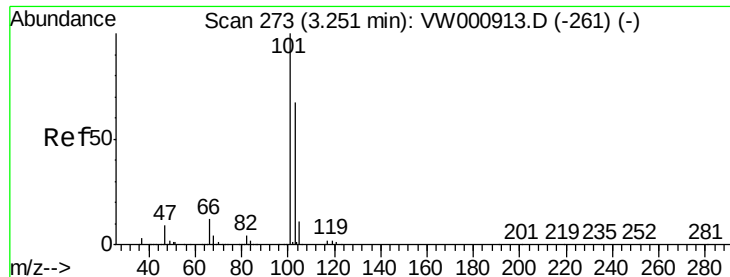
Ion Ratio Lower Upper

64 100

66 28.1 26.1 39.1







#7

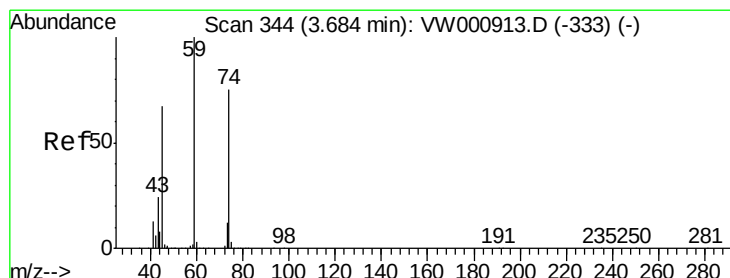
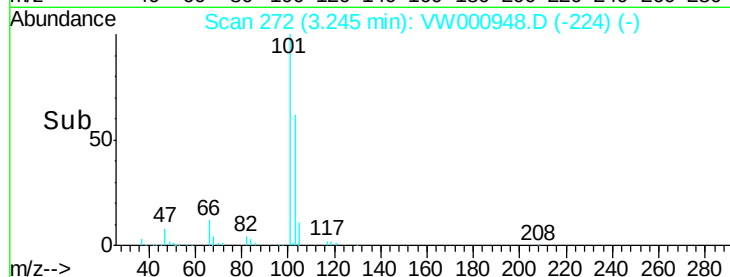
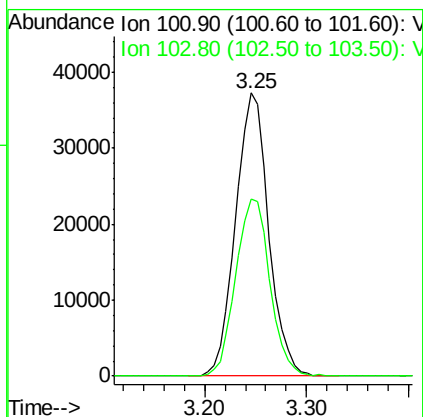
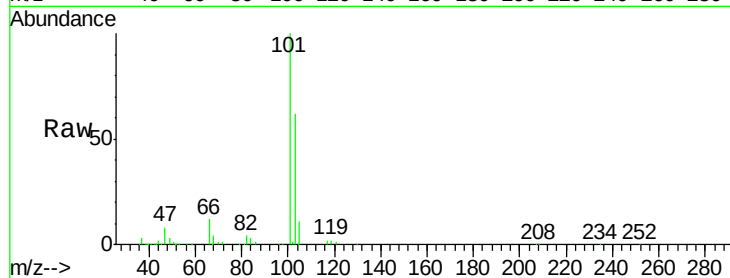
Trichlorofluoromethane  
Concen: 19.28 ug/l  
RT: 3.25 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.4  | 53.4  | 80.0  |

Manual Integrations  
APPROVED

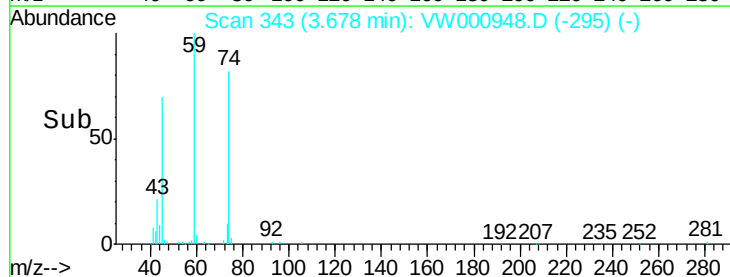
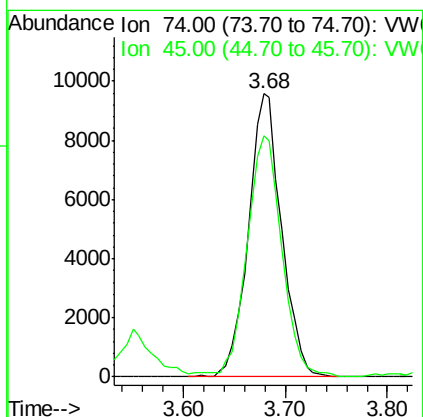
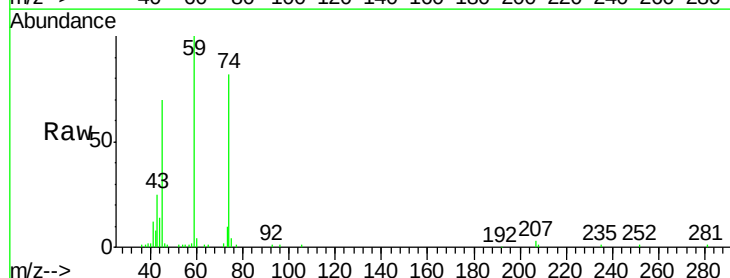
MMDadoda  
1/25/2018 1:33:58 PM



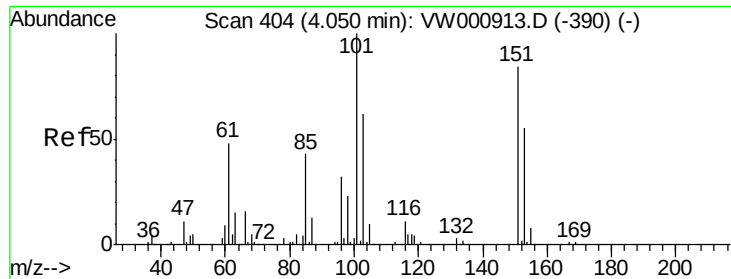
#8

Diethyl Ether  
Concen: 19.89 ug/l  
RT: 3.68 min Scan# 343  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 89.6  | 44.7  | 134.1 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.15 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

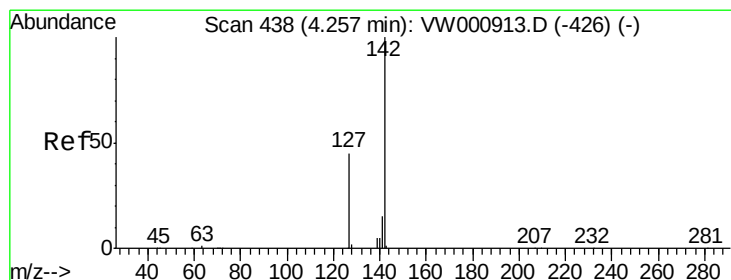
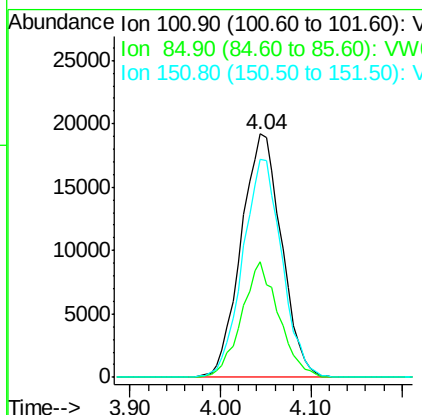
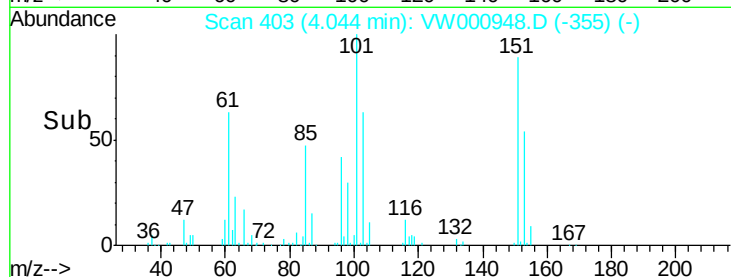
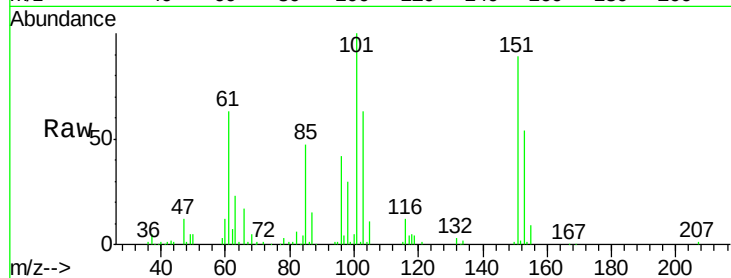
ClientSampled :

VW0124SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59286 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 35.3  | 52.9  |
| 151       | 86.6  | 69.9  | 104.9 |

Manual Integrations  
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1/25/2018 1:33:58 PM



#10

Methyl Iodide

Concen: 18.64 ug/l

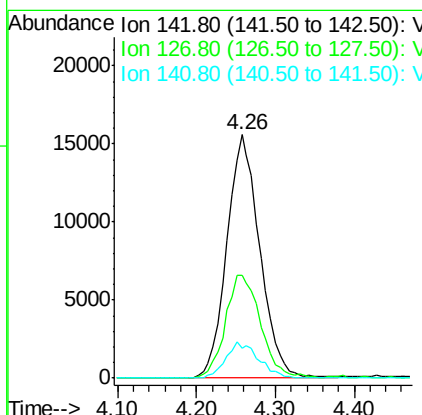
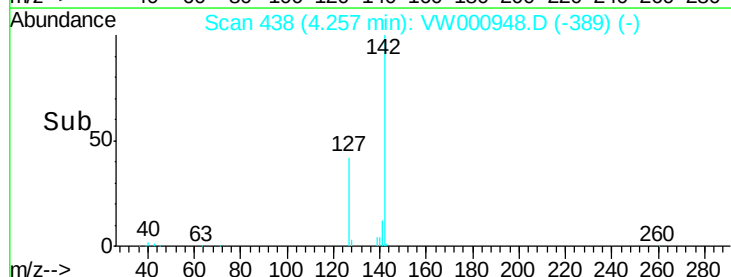
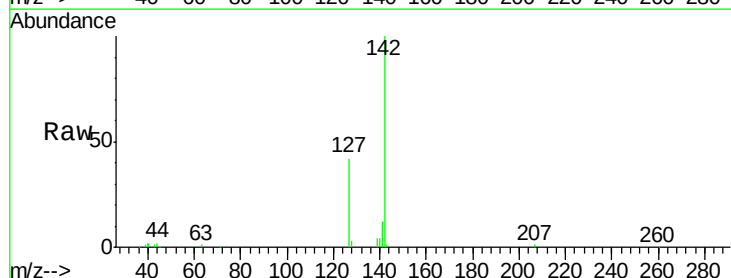
RT: 4.26 min Scan# 438

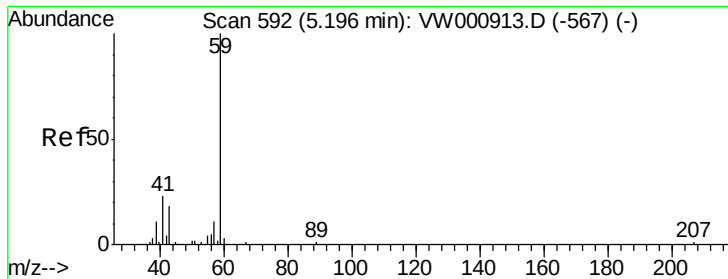
Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 45363 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.1  | 35.5  | 53.3  |
| 141       | 14.5  | 11.7  | 17.5  |





#11

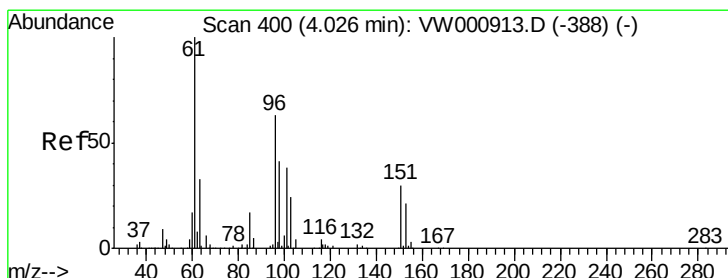
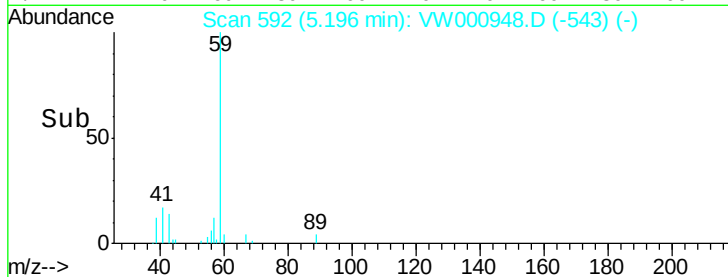
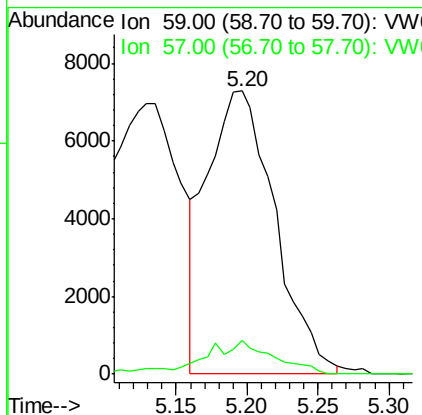
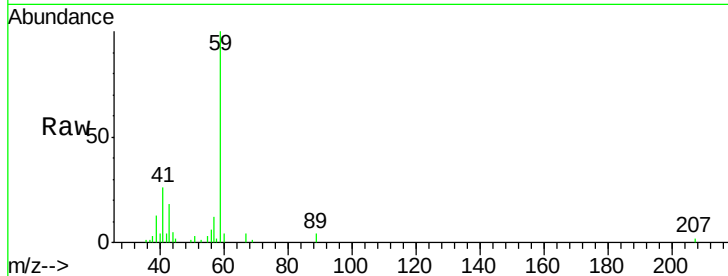
Tert butyl alcohol  
 Concen: 78.24 ug/l m  
 RT: 5.20 min Scan# 592  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 7.0   | 10.6# |

Manual Integrations  
 APPROVED

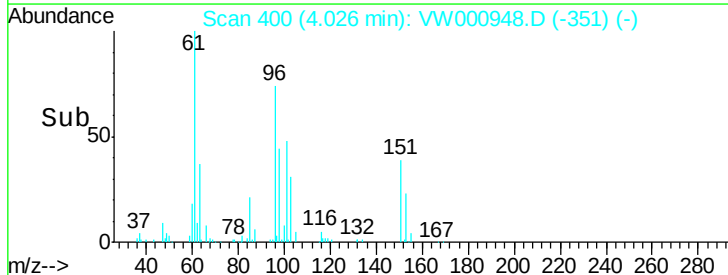
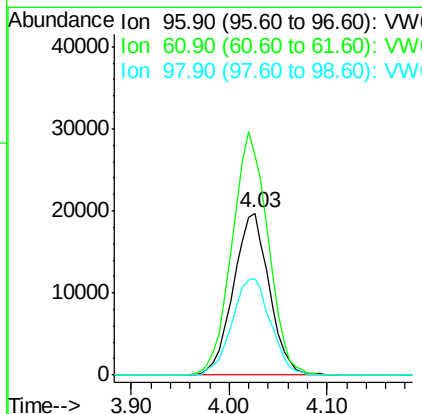
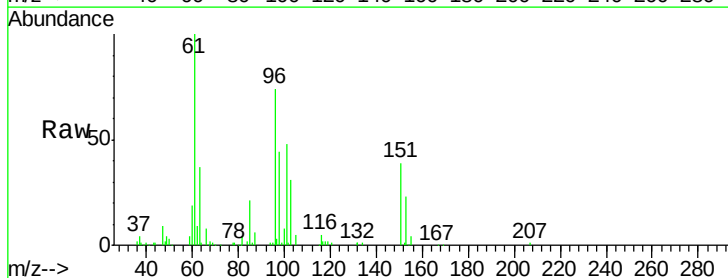
MMDadoda  
 1/25/2018 1:33:58 PM

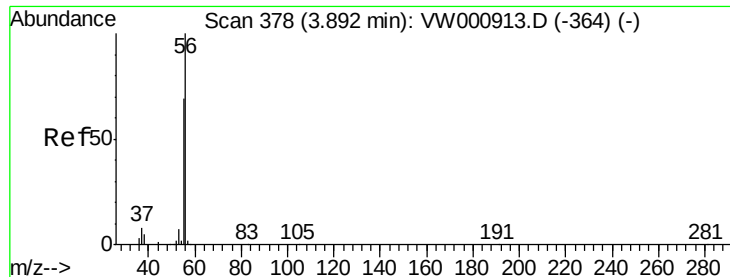


#12

1,1-Dichloroethene  
 Concen: 20.85 ug/l  
 RT: 4.03 min Scan# 400  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.9 | 126.7 | 190.1 |
| 98      | 59.8  | 52.1  | 78.1  |





#13

Acrolein

Concen: 73.27 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 56 Resp: 22105

Ion Ratio Lower Upper

56 100

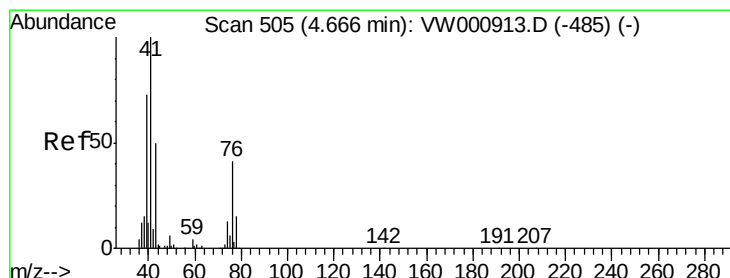
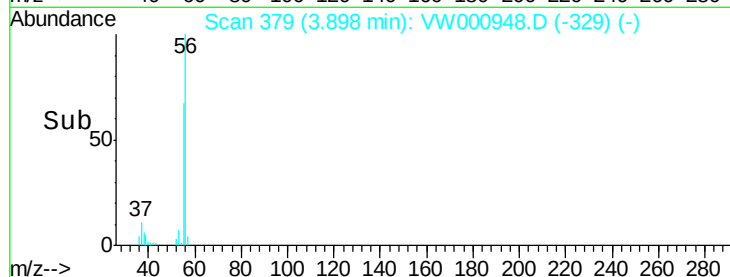
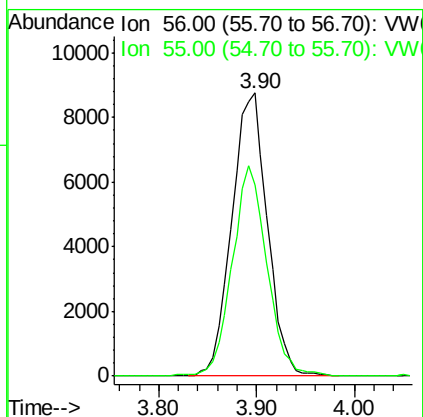
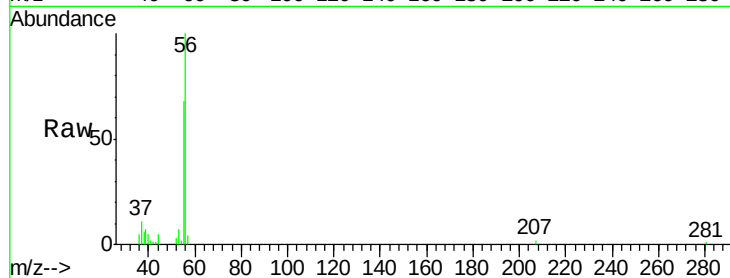
55 72.7 55.4 83.0

Manual Integrations

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1/25/2018 1:33:58 PM



#14

Allyl chloride

Concen: 19.41 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

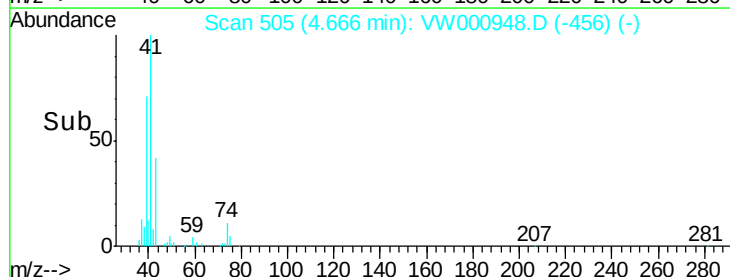
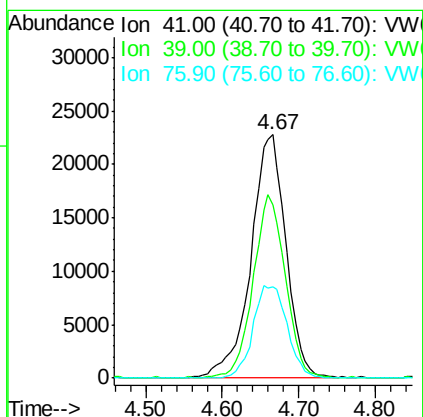
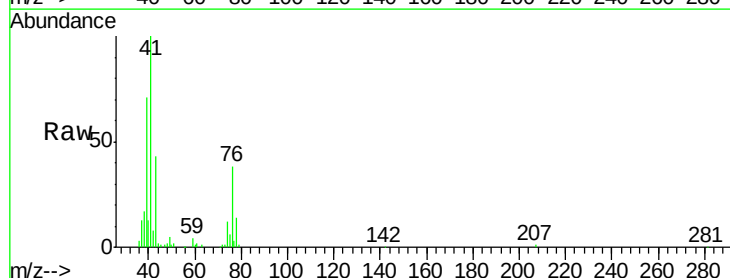
Tgt Ion: 41 Resp: 72846

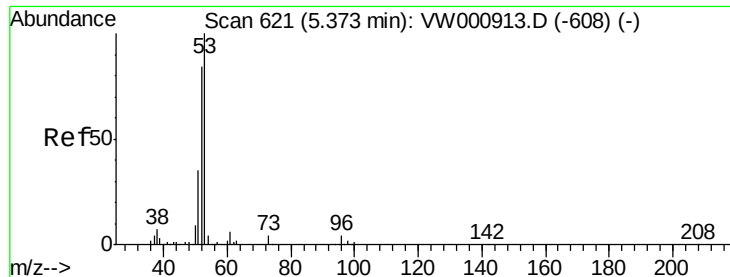
Ion Ratio Lower Upper

41 100

39 68.5 55.3 82.9

76 37.0 29.9 44.9





#15

Acrylonitrile

Concen: 87.01 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

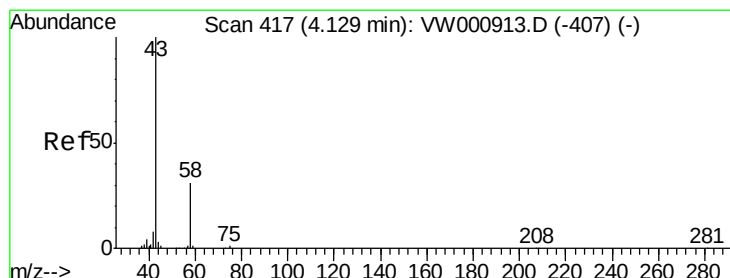
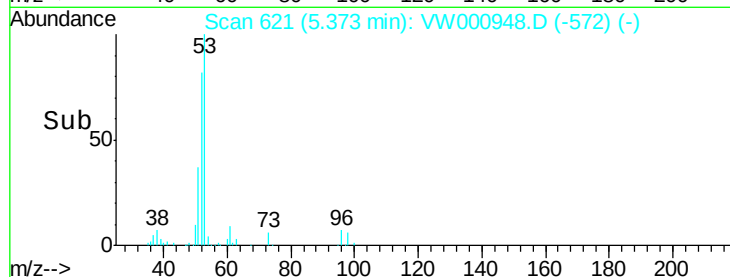
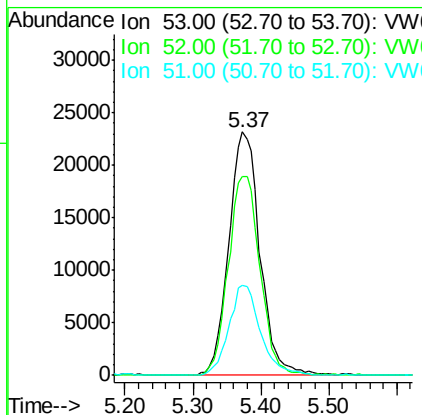
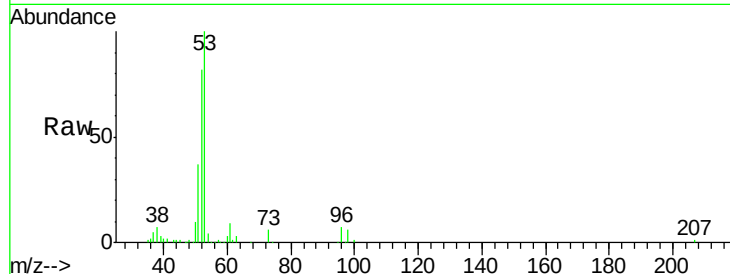
ClientSampleId :

VW0124SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 73863 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 82.9  | 66.6  | 99.8  |
| 51        | 37.4  | 29.4  | 44.0  |

Manual Integrations  
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MMDadoda  
1/25/2018 1:33:58 PM



#16

Acetone

Concen: 80.20 ug/l

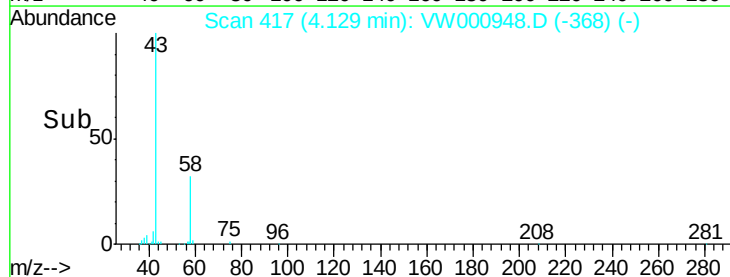
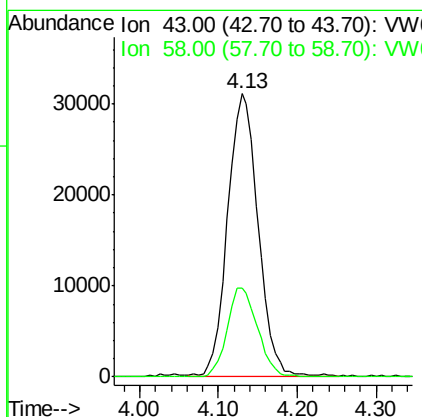
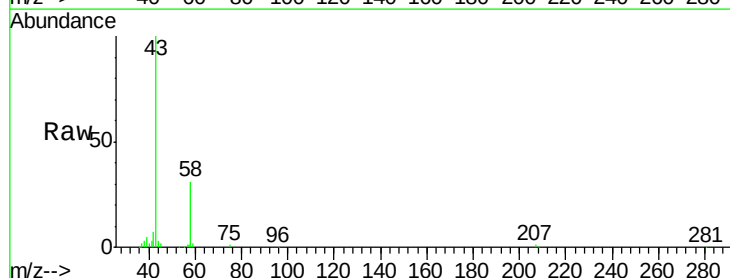
RT: 4.13 min Scan# 417

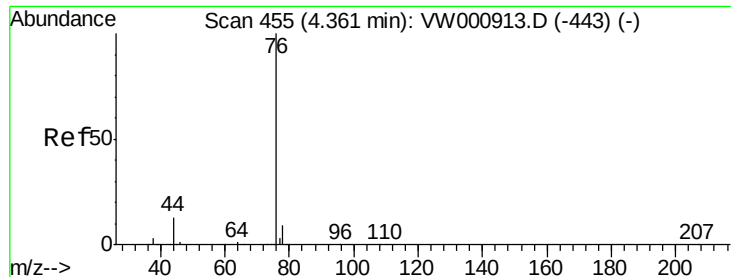
Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 82571 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 31.5  | 24.9  | 37.3  |





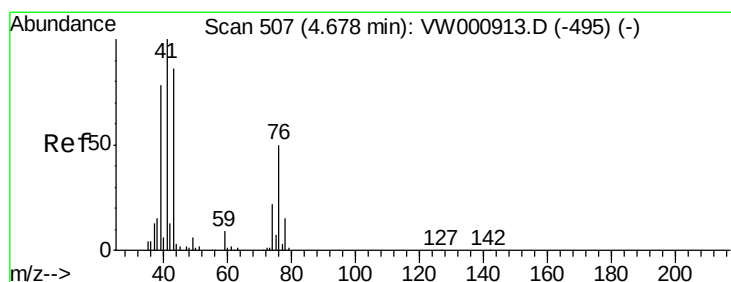
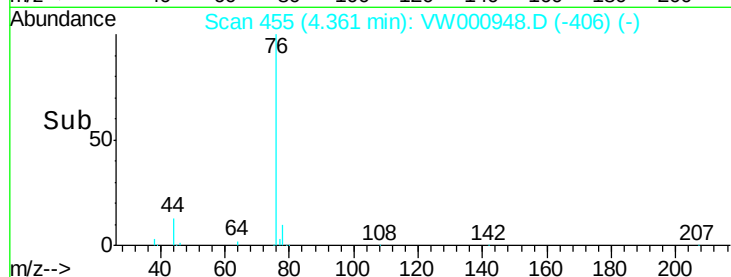
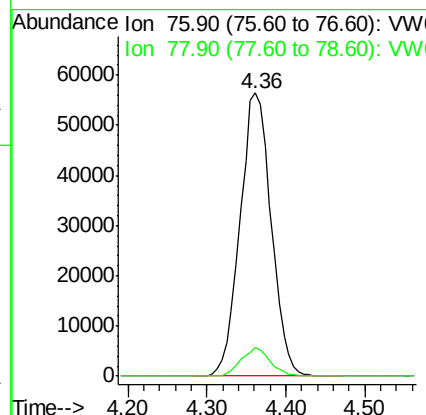
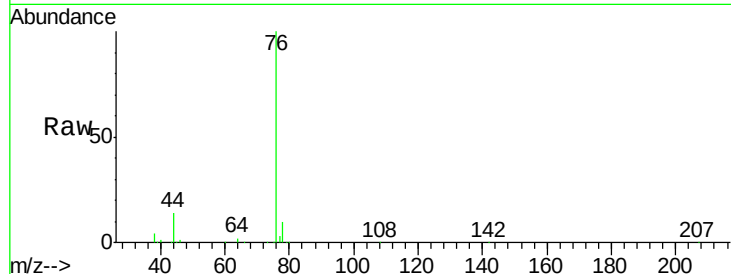
#17  
Carbon Disulfide  
Concen: 19.50 ug/l  
RT: 4.36 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.3  | 7.4   | 11.2  |

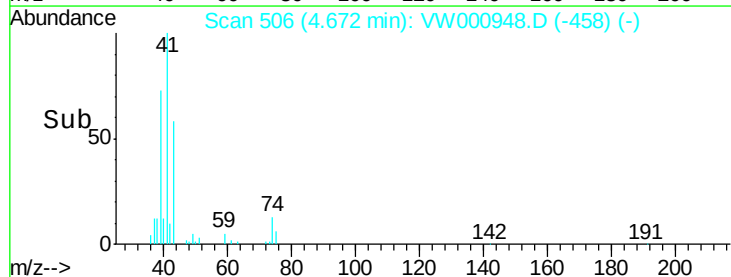
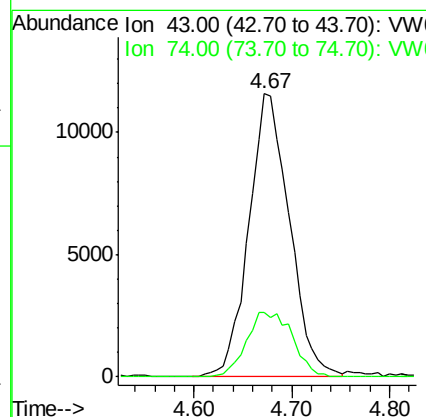
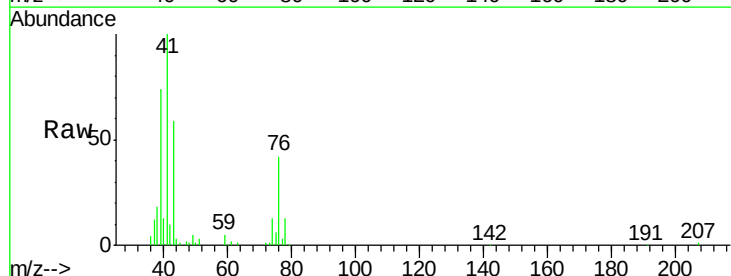
Manual Integrations  
APPROVED

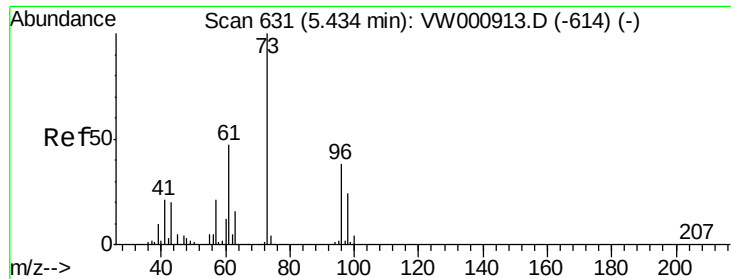
MM Dadoda  
1/25/2018 1:33:58 PM



#18  
Methyl Acetate  
Concen: 15.96 ug/l  
RT: 4.67 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.7  | 20.5  | 30.7  |





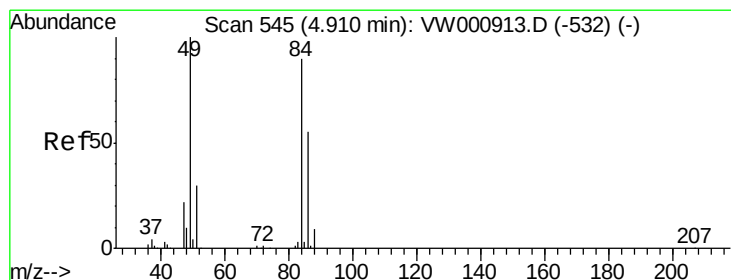
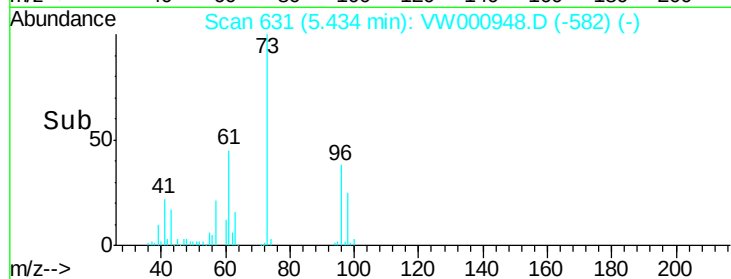
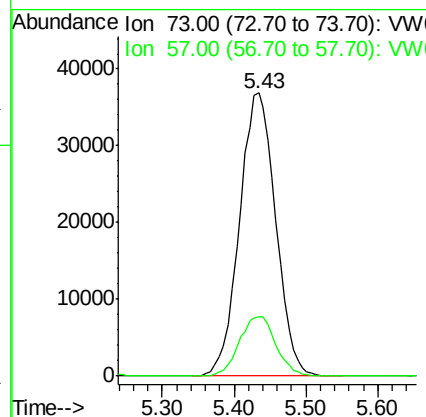
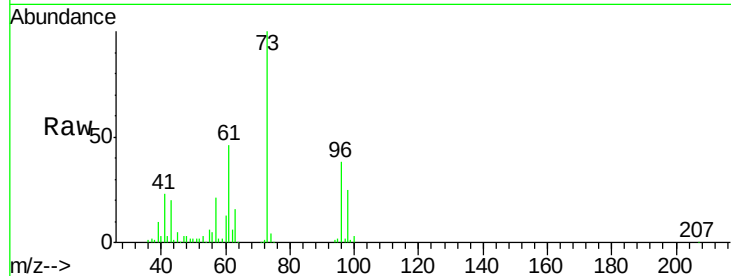
#19  
Methyl tert-butyl Ether  
Concen: 20.78 ug/l  
RT: 5.43 min Scan# 631  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

Tot Ion: 73 Resp: 128626  
Ion Ratio Lower Upper  
73 100  
57 21.0 16.7 25.1

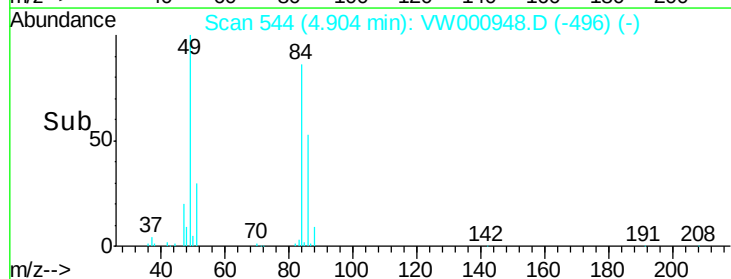
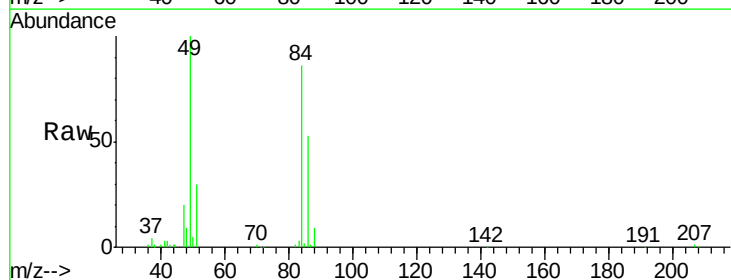
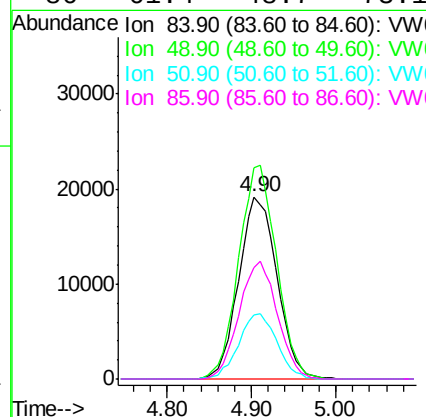
Manual Integrations  
APPROVED

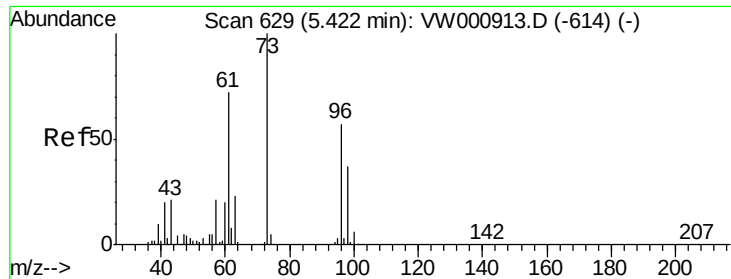
MM Dadoda  
1/25/2018 1:33:58 PM



#20  
Methylene Chloride  
Concen: 21.31 ug/l  
RT: 4.90 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Tgt Ion: 84 Resp: 59112  
Ion Ratio Lower Upper  
84 100  
49 116.3 89.0 133.4  
51 35.1 26.7 40.1  
86 61.4 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 20.28 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

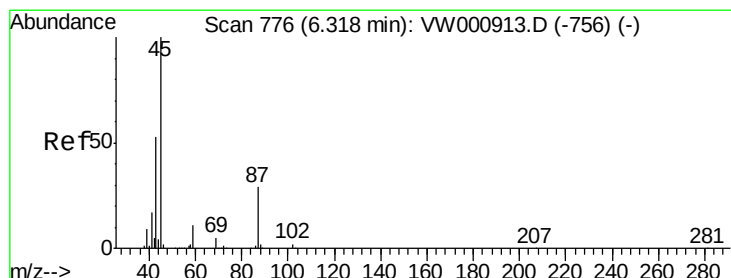
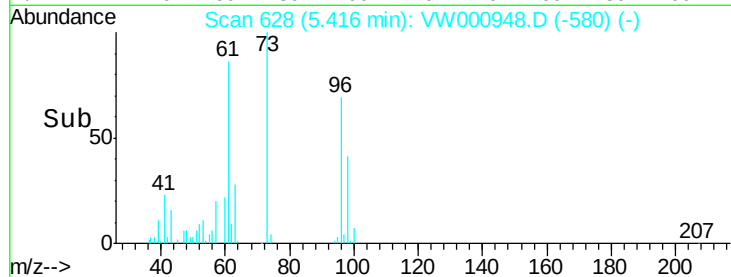
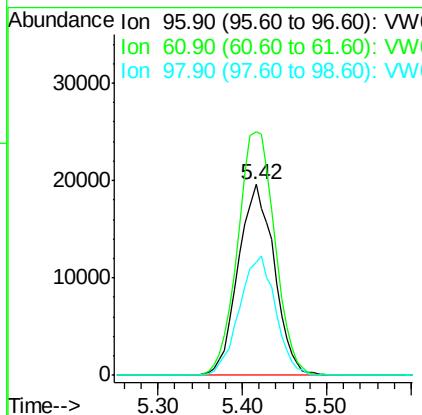
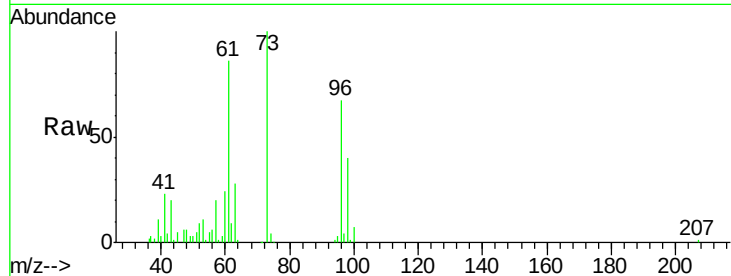
ClientSampleId :

VW0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 56768 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 127.6 | 101.1 | 151.7 |
| 98       | 59.1  | 52.2  | 78.2  |

Manual Integrations  
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1/25/2018 1:33:58 PM



#22

Diisopropyl ether

Concen: 22.04 ug/l

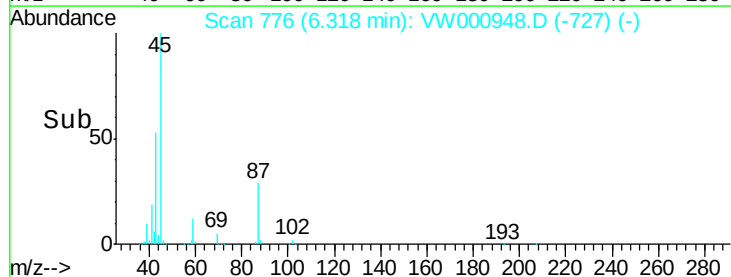
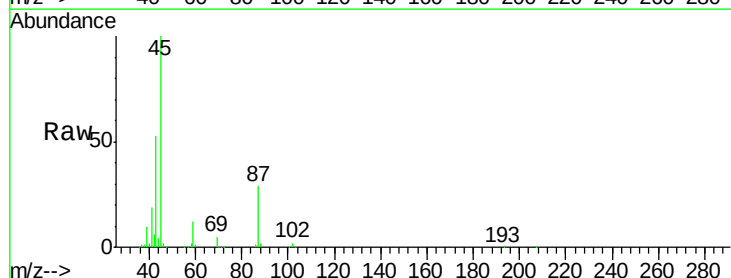
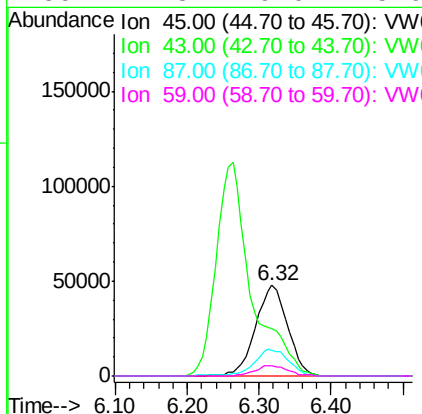
RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

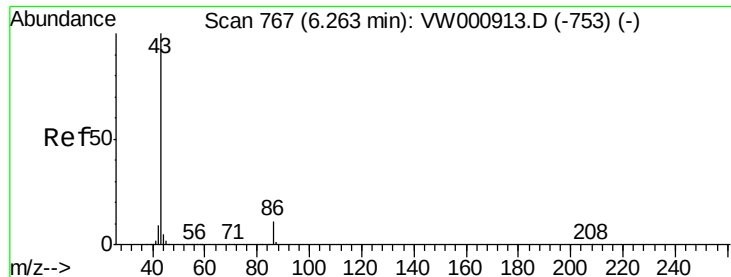
Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 148107 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 52.5  | 42.7  | 64.1   |
| 87       | 28.7  | 23.8  | 35.8   |
| 59       | 11.8  | 9.0   | 13.6   |







#23

Vinyl Acetate

Concen: 91.64 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 43 Resp: 382685

Ion Ratio Lower Upper

43 100

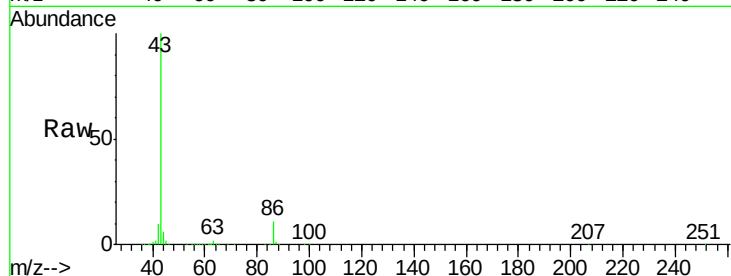
86 11.3 9.1 13.7

Manual Integrations

APPROVED

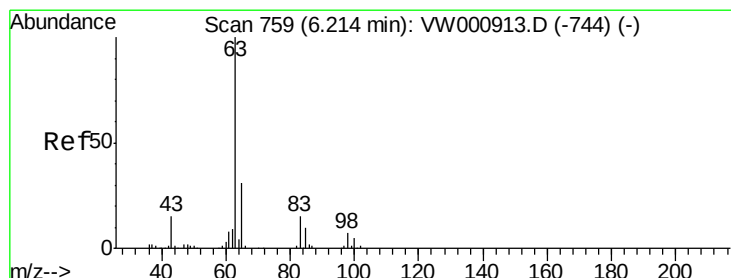
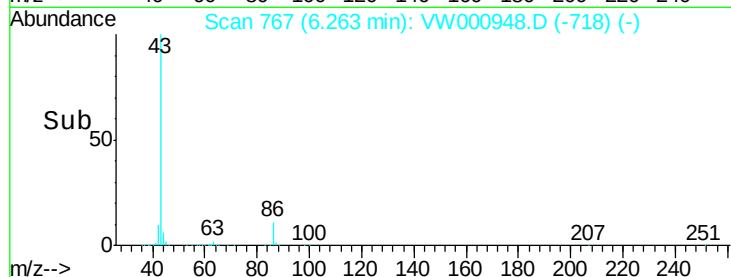
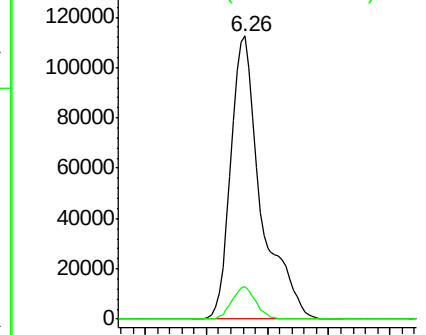
MMDadoda

1/25/2018 1:33:58 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.18 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

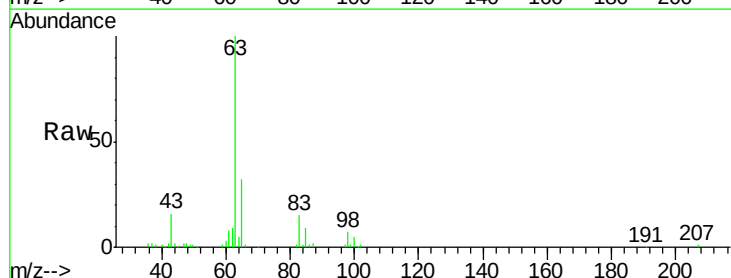
Tgt Ion: 63 Resp: 95261

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

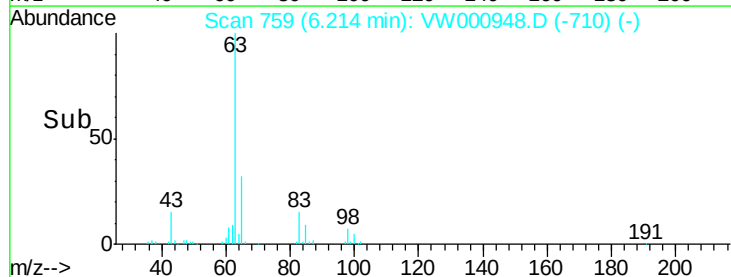
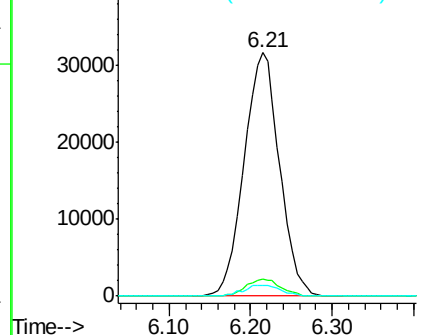
100 4.5 2.5 7.4

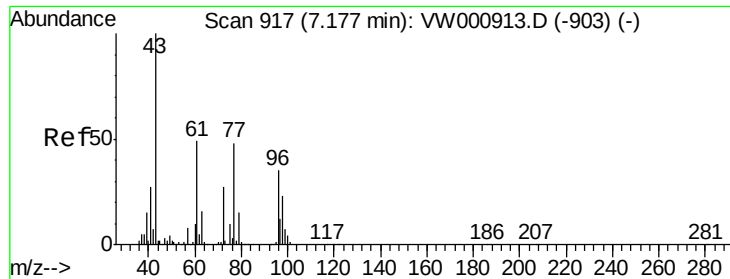


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





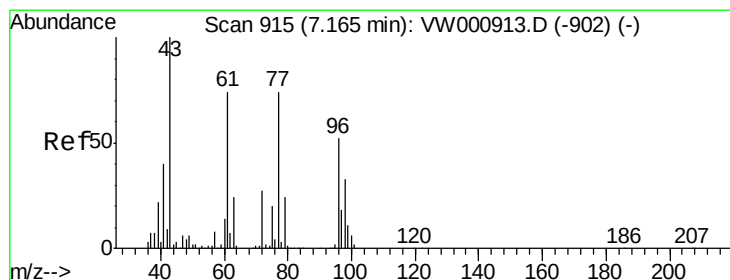
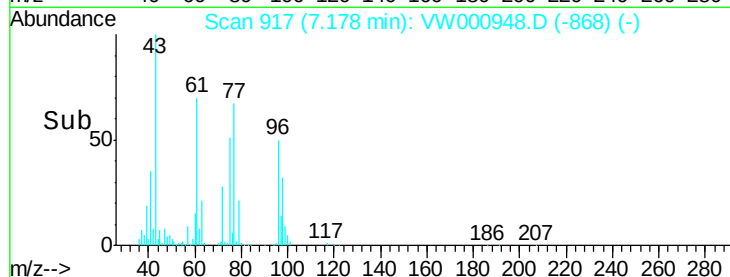
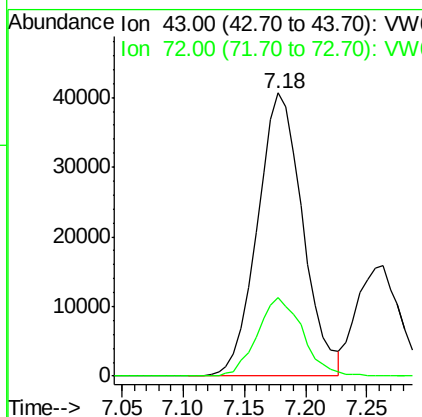
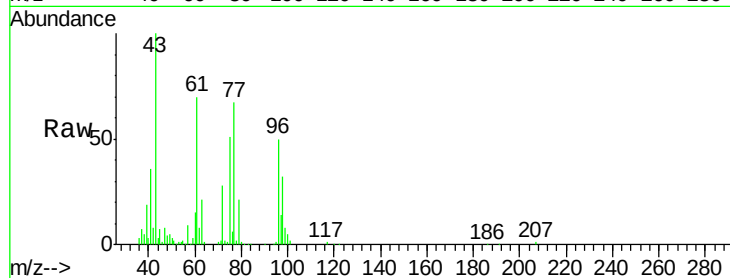
#25  
2-Butanone  
Concen: 83.22 ug/l  
RT: 7.18 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

Tot Ion: 43 Resp: 104905  
Ion Ratio Lower Upper  
43 100  
72 27.7 21.5 32.3

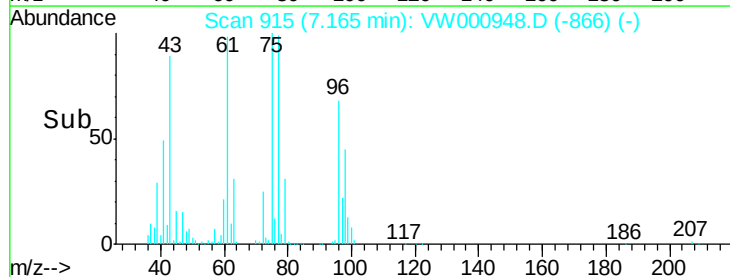
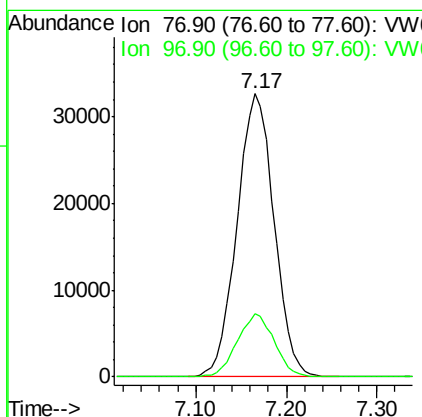
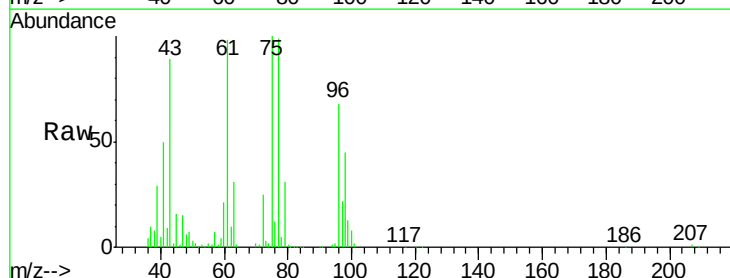
Manual Integrations  
APPROVED

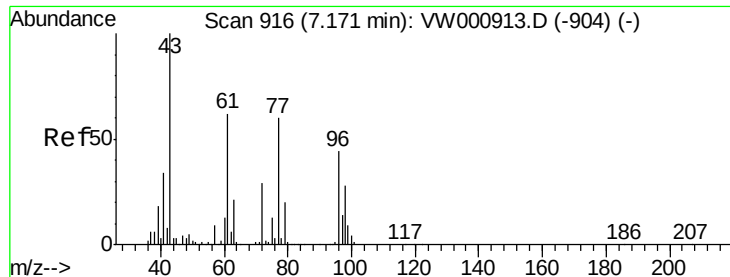
MMDadoda  
1/25/2018 1:33:58 PM



#26  
2,2-Dichloropropane  
Concen: 20.27 ug/l  
RT: 7.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Tgt Ion: 77 Resp: 92297  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.8 35.3





#27

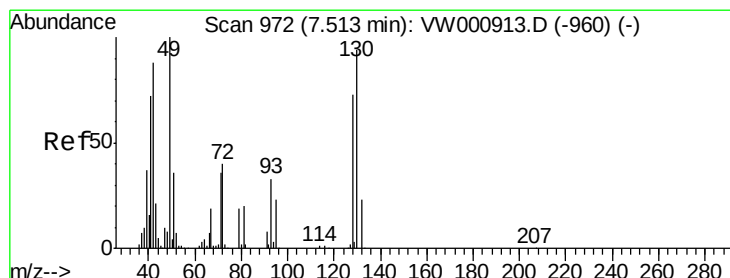
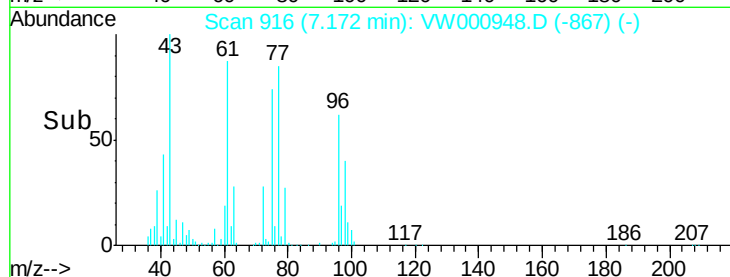
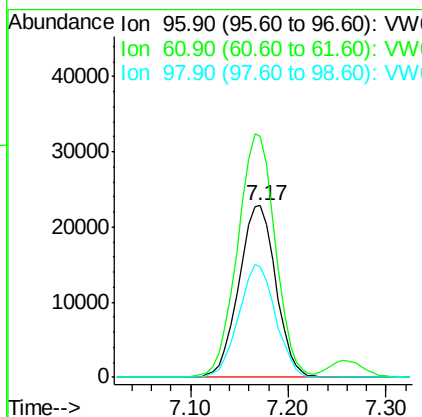
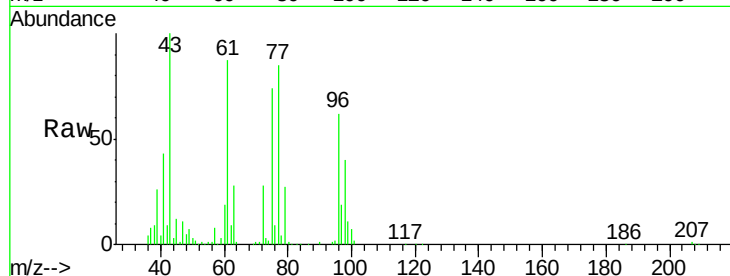
cis-1,2-Dichloroethene  
Concen: 20.78 ug/l  
RT: 7.17 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.3 | 0.0   | 279.8 |
| 98      | 64.9  | 0.0   | 127.6 |

Manual Integrations  
APPROVED

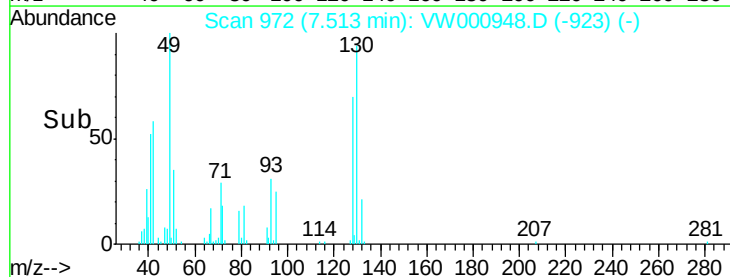
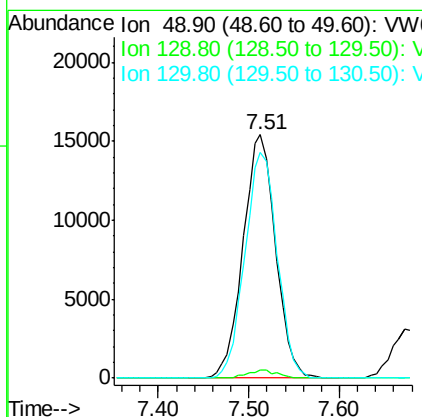
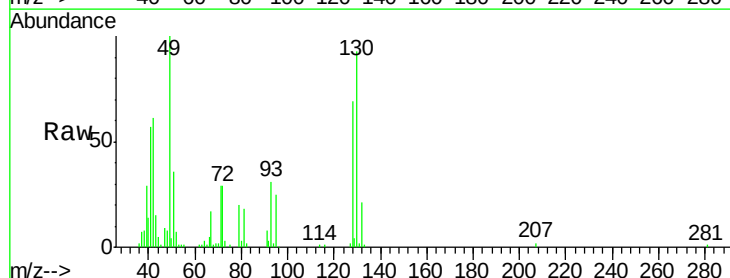
MMDadoda  
1/25/2018 1:33:58 PM

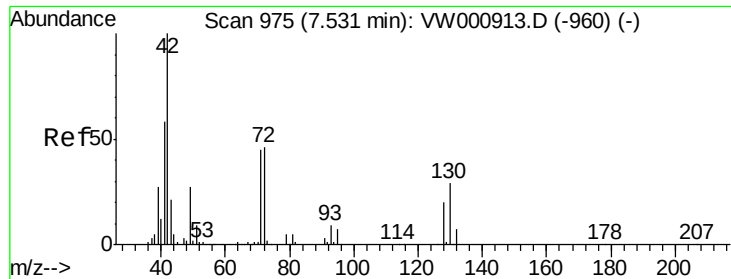


#28

Bromochloromethane  
Concen: 20.20 ug/l  
RT: 7.51 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 2.8   |
| 130     | 92.4  | 73.8  | 110.6 |





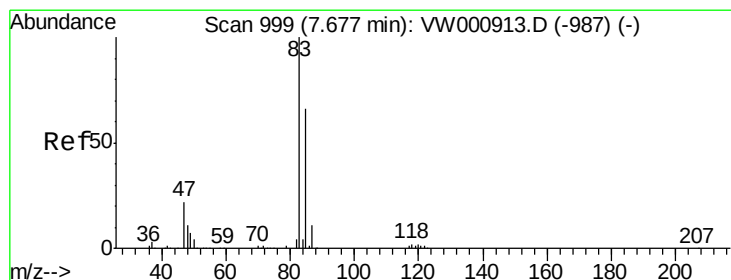
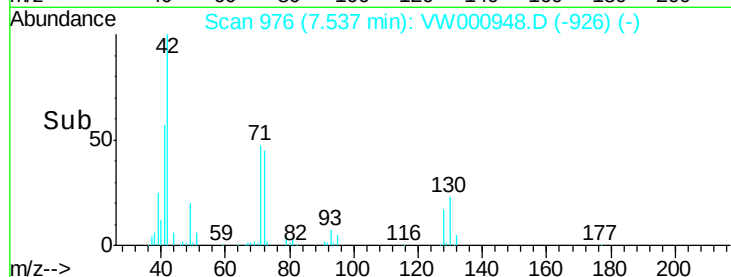
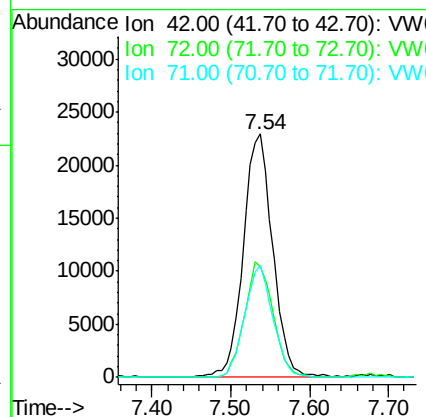
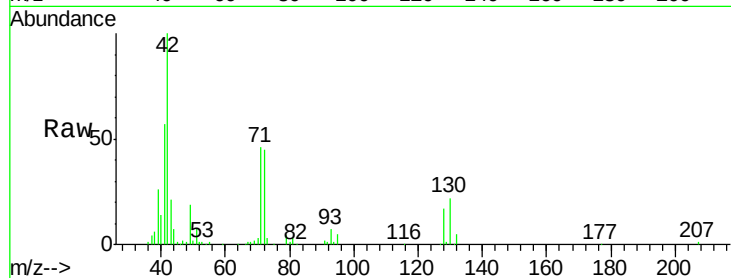
#29  
Tetrahydrofuran  
Concen: 86.00 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.0  | 37.1  | 55.7  |
| 71      | 43.9  | 34.9  | 52.3  |

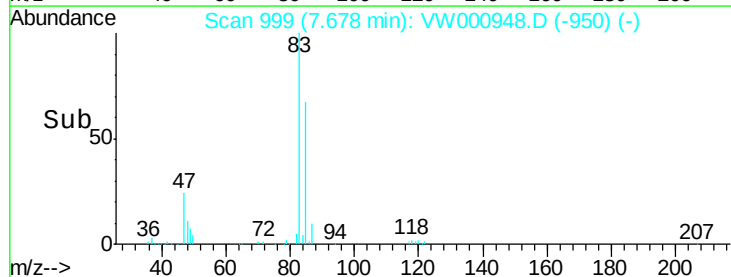
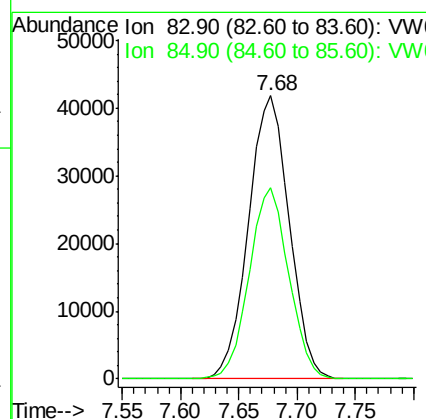
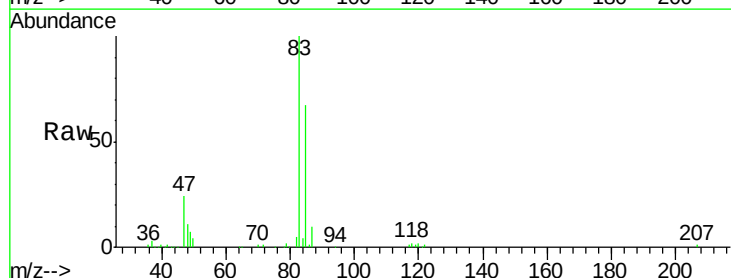
Manual Integrations  
APPROVED

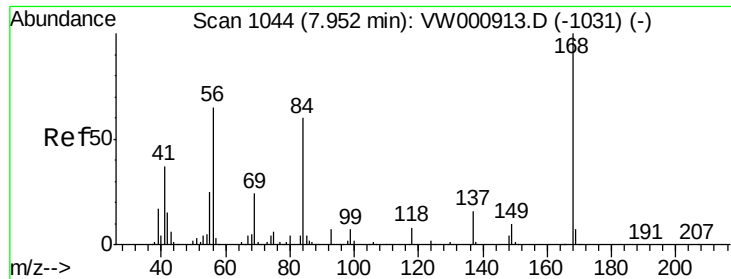
MMDadoda  
1/25/2018 1:33:58 PM



#30  
Chloroform  
Concen: 20.96 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.4  | 52.5  | 78.7  |





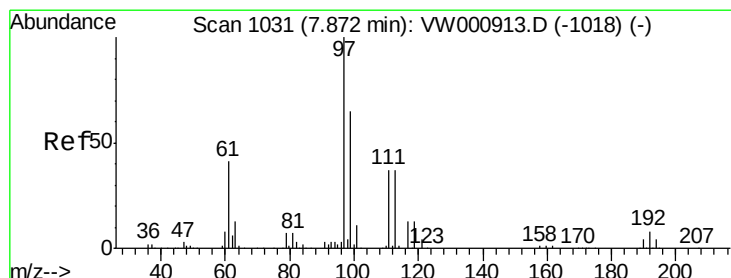
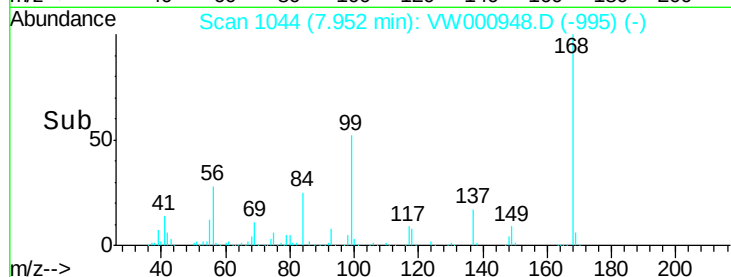
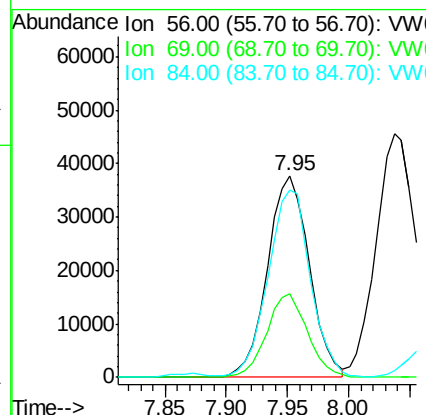
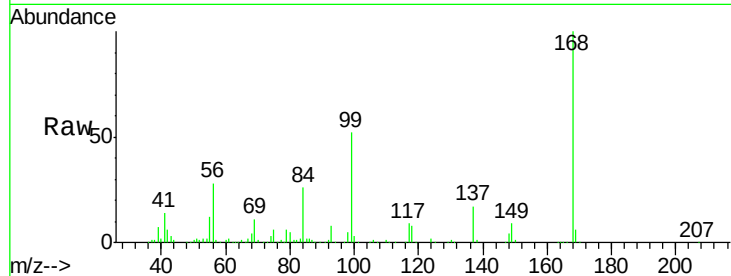
#31  
Cyclohexane  
Concen: 19.39 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 41.1  | 29.2  | 43.8  |
| 84      | 91.0  | 73.6  | 110.4 |

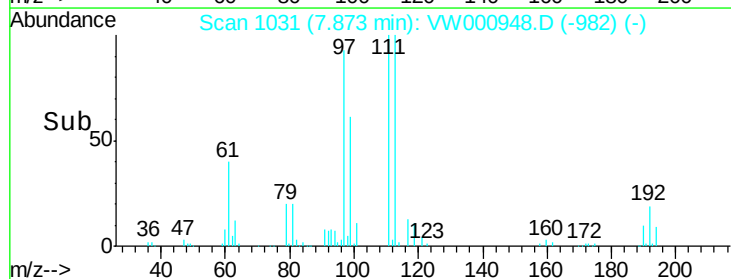
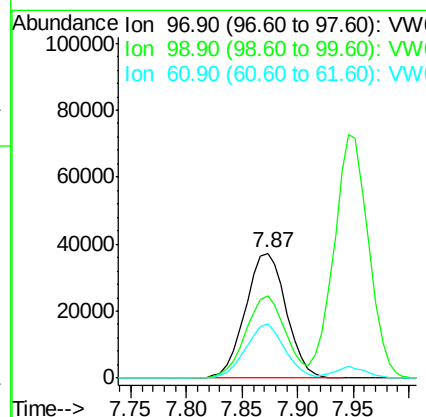
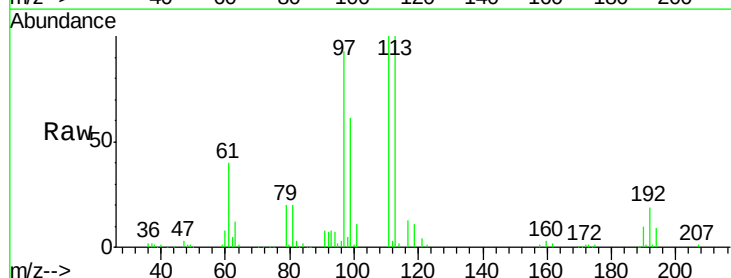
Manual Integrations  
APPROVED

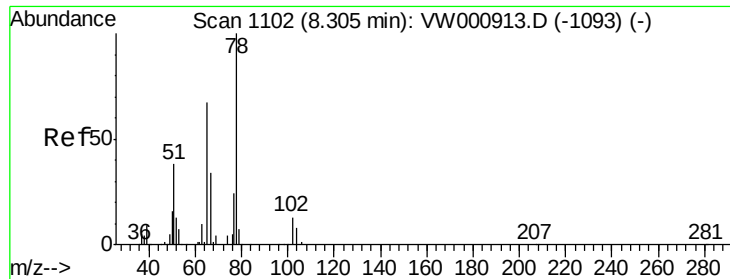
MMDadoda  
1/25/2018 1:33:58 PM



#32  
1,1,1-Trichloroethane  
Concen: 20.35 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.0  | 52.6  | 78.8  |
| 61      | 41.3  | 32.9  | 49.3  |





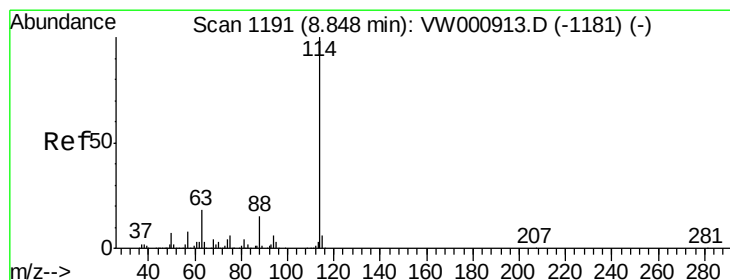
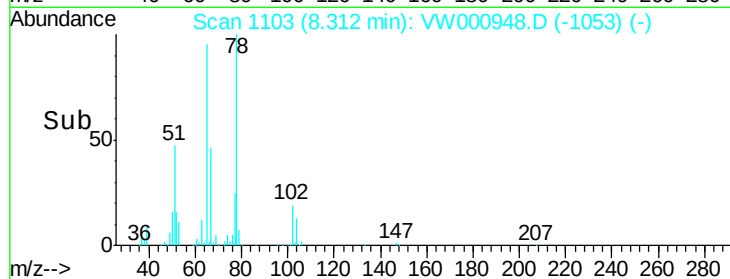
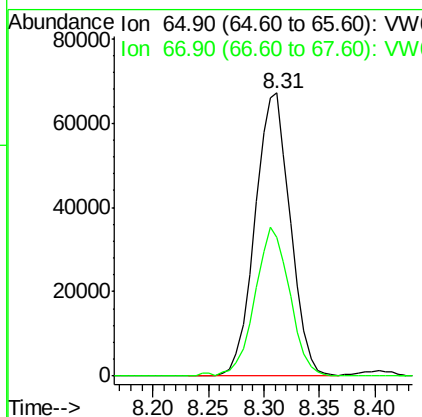
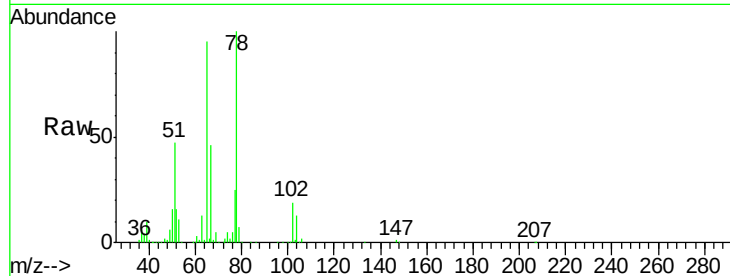
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.86 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. 0.01 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 51.7  | 0.0  | 105.8 |       |

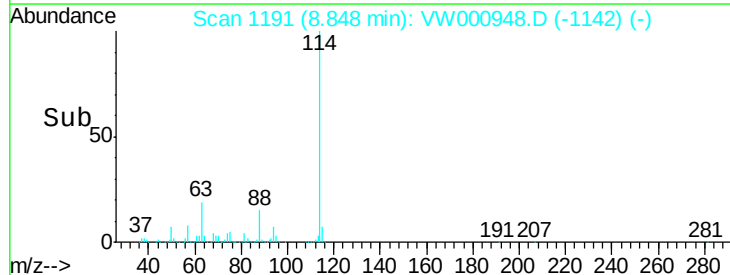
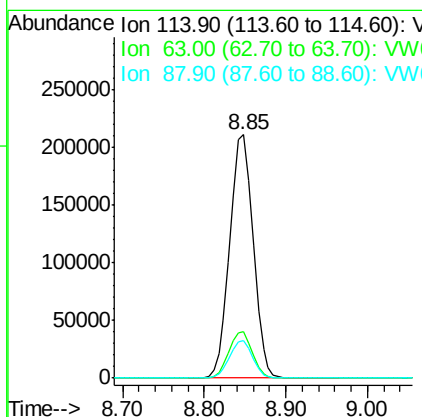
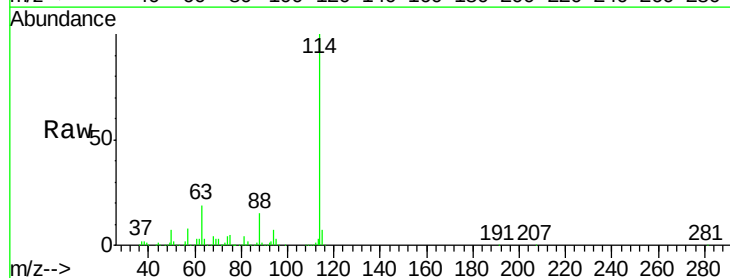
Manual Integrations  
 APPROVED

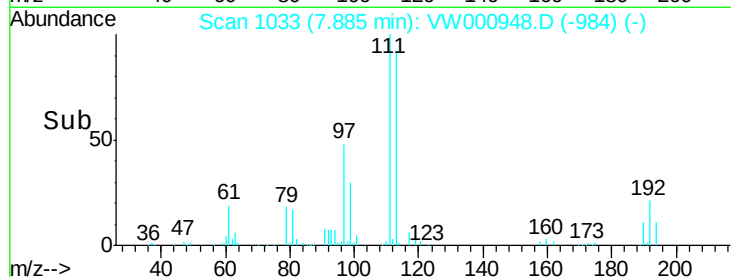
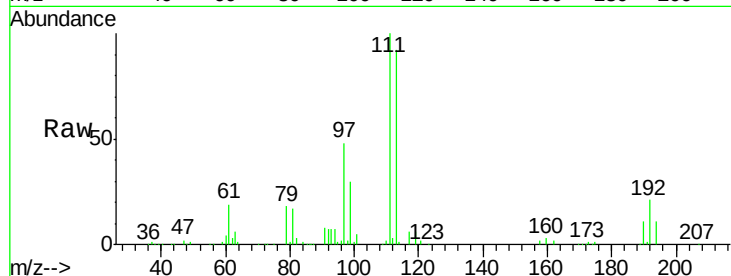
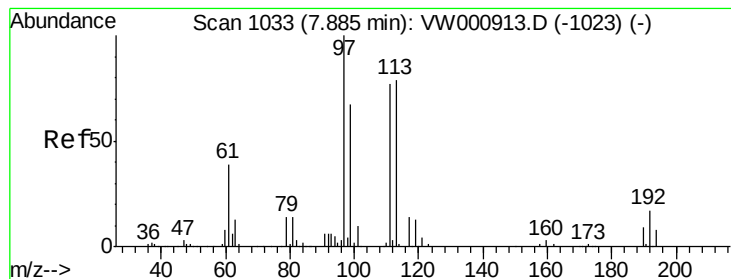
MMDadoda  
 1/25/2018 1:33:58 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 18.9  | 0.0  | 36.8  |       |
| 88      | 15.2  | 0.0  | 29.8  |       |





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000948.D

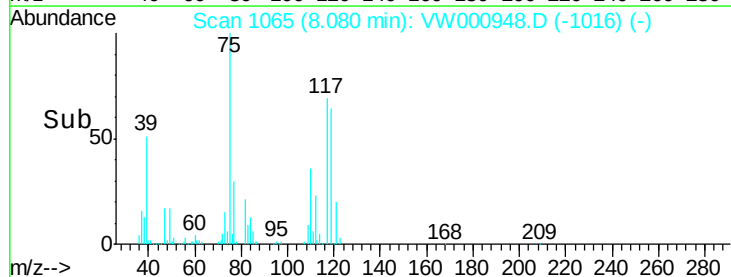
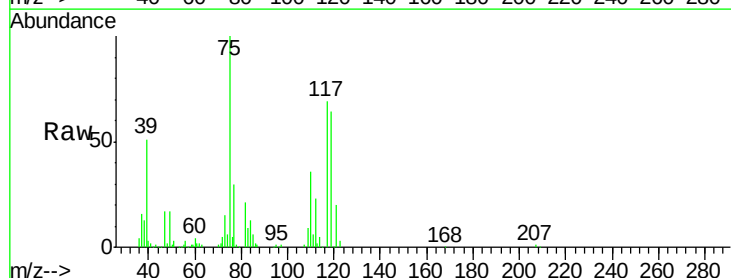
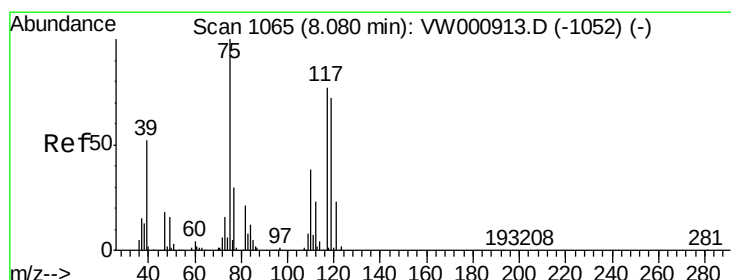
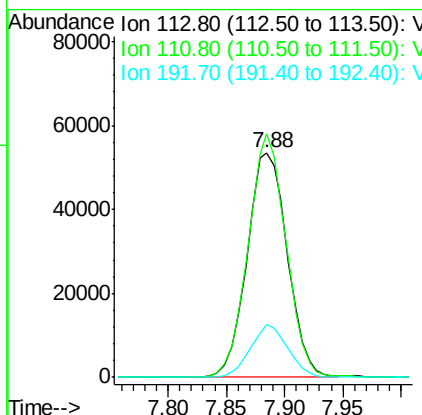
Acq: 24 Jan 2018 15:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 127925 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.8 | 80.4  | 120.6  |
| 192       | 22.0  | 17.0  | 25.4   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 20.02 ug/l

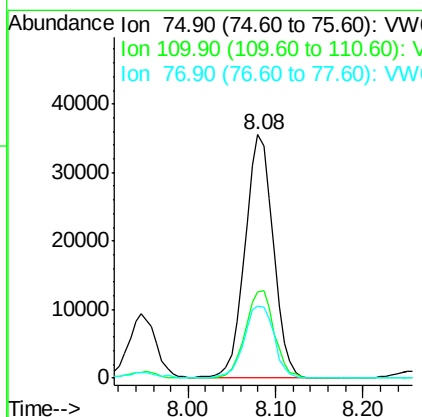
RT: 8.08 min Scan# 1065

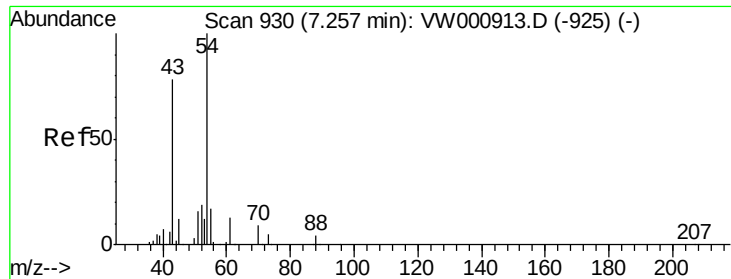
Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 79862 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 36.5  | 18.6  | 56.0  |
| 77        | 31.2  | 24.6  | 36.8  |





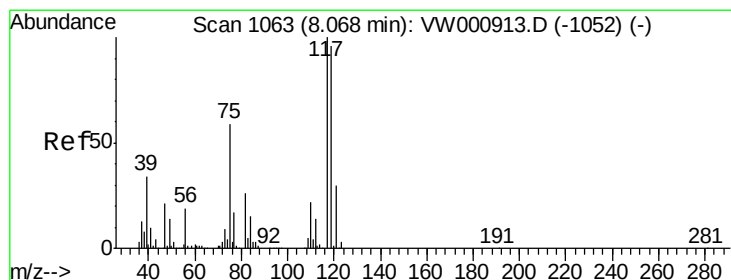
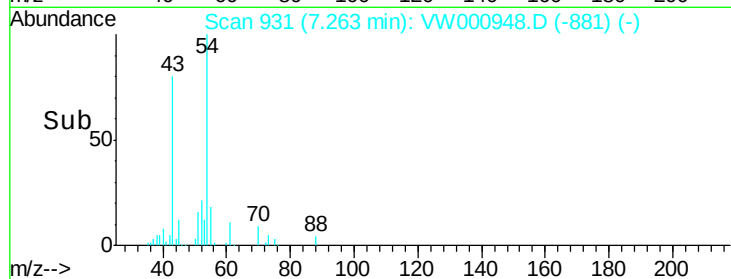
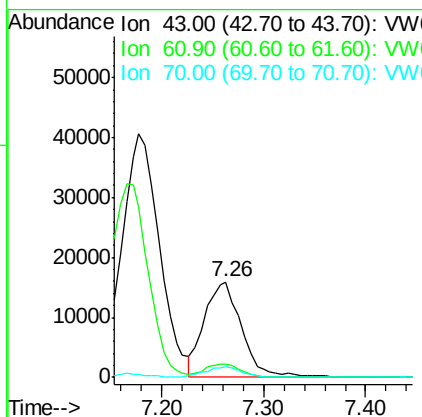
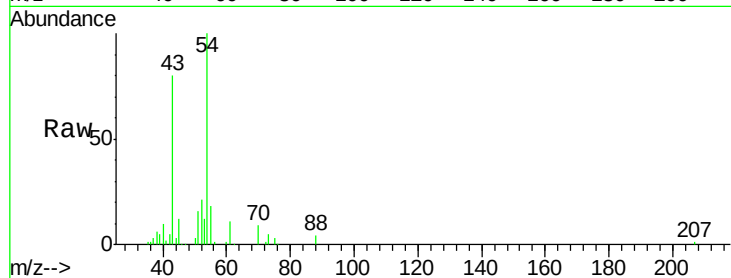
#37  
Ethyl Acetate  
Concen: 17.81 ug/l  
RT: 7.26 min Scan# 931  
Delta R.T. 0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 12.1  | 18.1  |
| 70      | 11.1  | 9.1   | 13.7  |

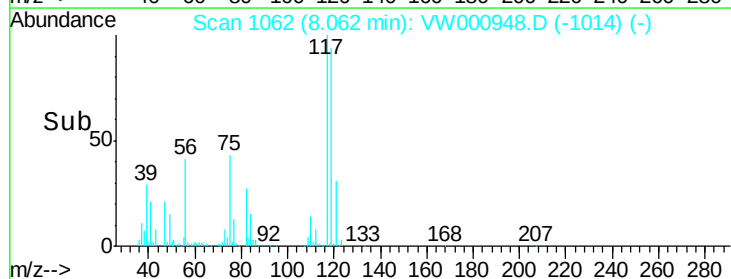
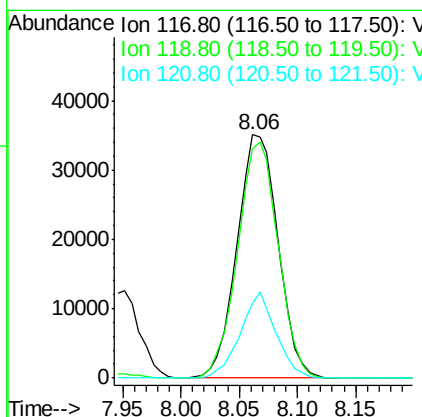
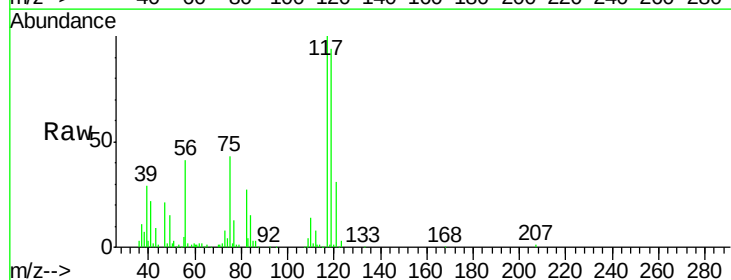
Manual Integrations  
APPROVED

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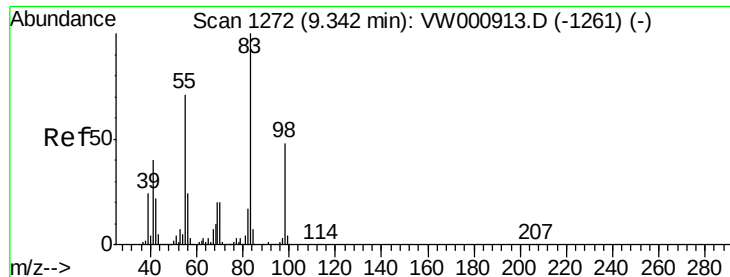


#38  
Carbon Tetrachloride  
Concen: 19.64 ug/l  
RT: 8.06 min Scan# 1062  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 76.5  | 114.7 |
| 121     | 30.7  | 24.3  | 36.5  |







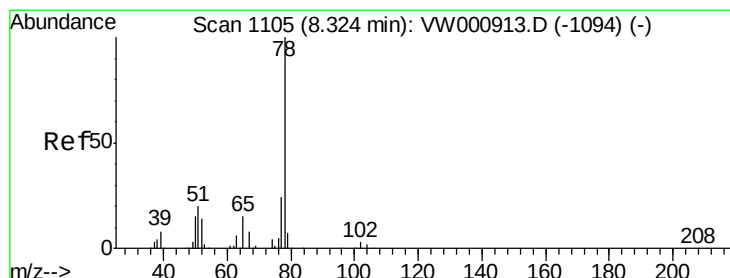
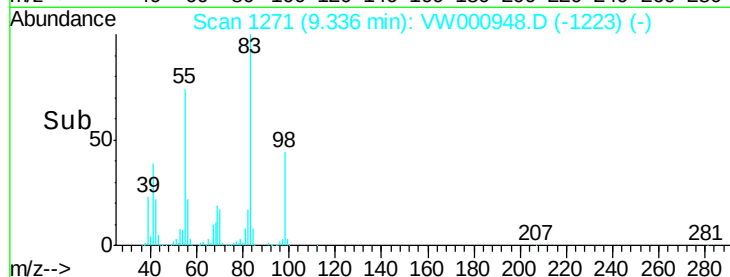
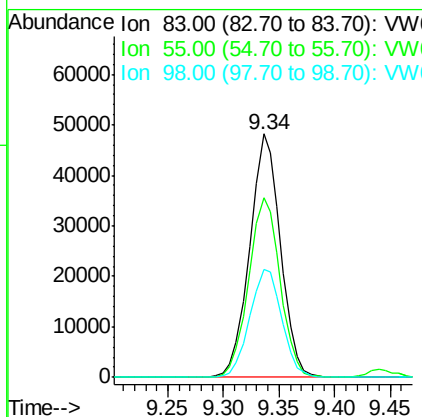
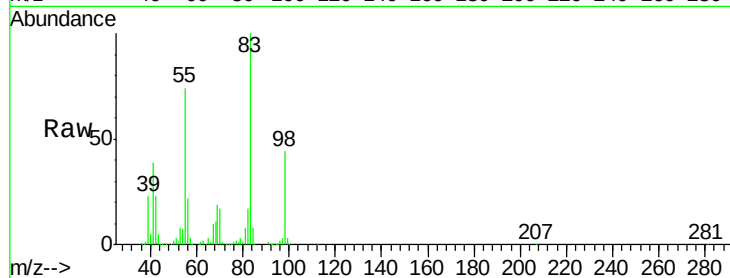
#39  
Methylvlcyclohexane  
Concen: 19.30 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | 83    | Resp  | 92735 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 74.0  | 56.4  | 84.6  |
| 98      | 44.2  | 38.2  | 57.4  |

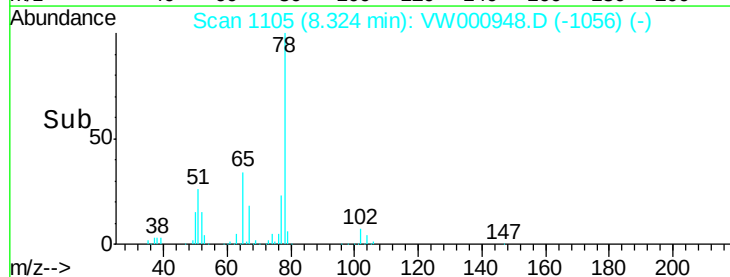
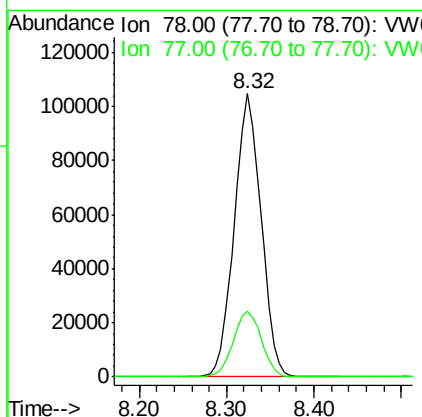
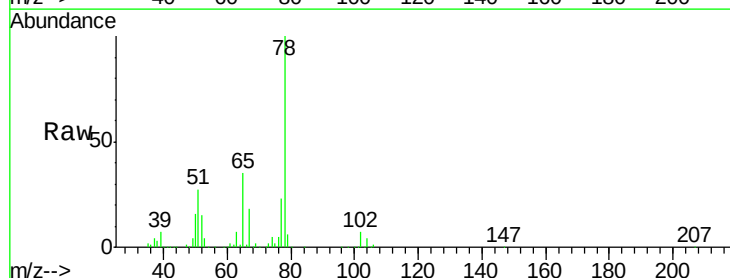
Manual Integrations  
APPROVED

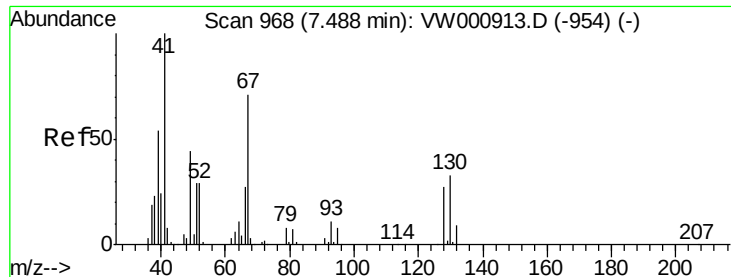
MMDadoda  
1/25/2018 1:33:58 PM



#40  
Benzene  
Concen: 20.66 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | 78    | Resp  | 224165 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.3  | 19.0  | 28.6   |





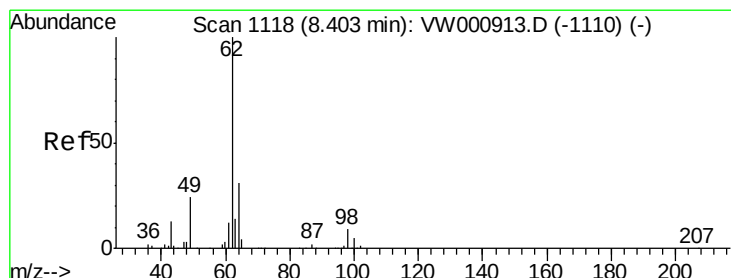
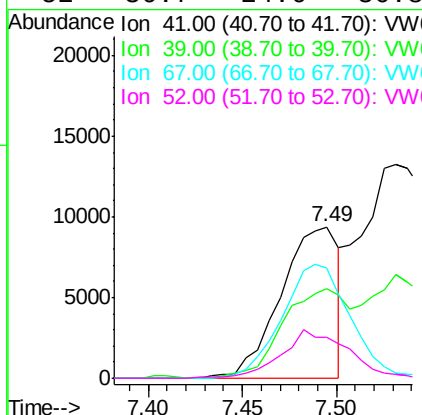
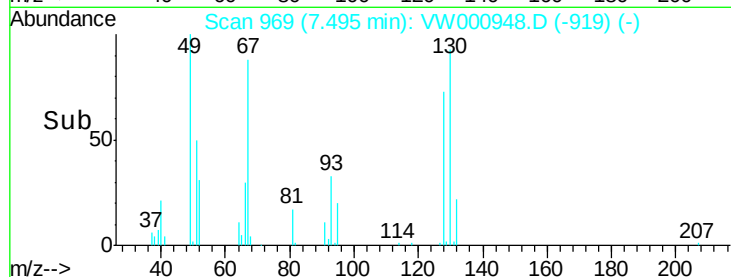
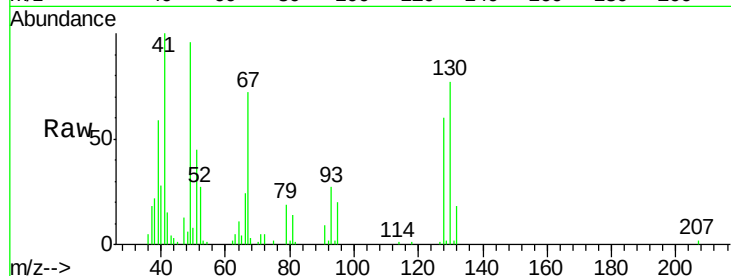
#41  
Methacrylonitrile  
Concen: 15.82 ug/l  
RT: 7.49 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 19996 |       |       |
| 39      | 66.0 | 43.4  | 65.0# |       |       |
| 67      | 88.1 | 59.0  | 88.4  |       |       |
| 52      | 36.7 | 24.6  | 36.8  |       |       |

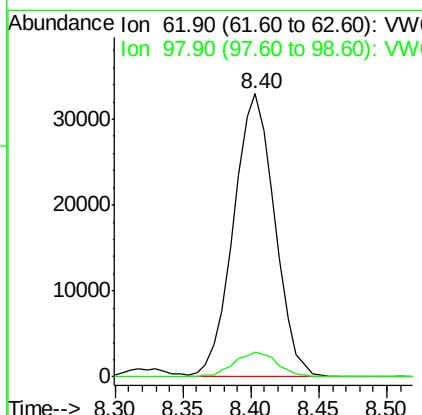
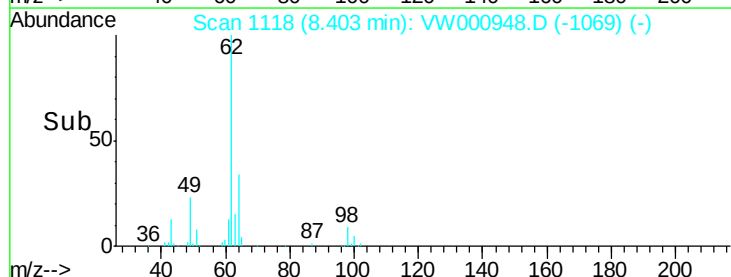
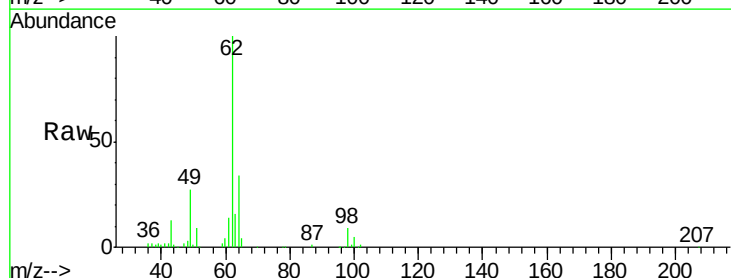
Manual Integrations  
APPROVED

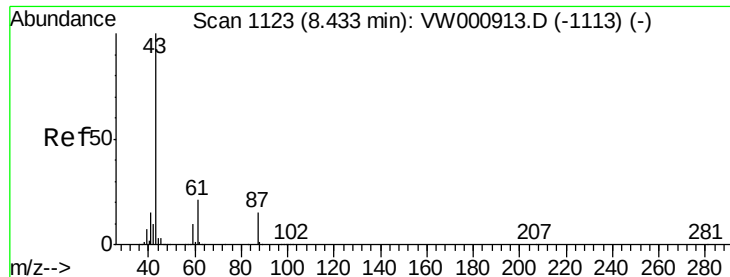
MMDadoda  
1/25/2018 1:33:58 PM



#42  
1,2-Dichloroethane  
Concen: 20.82 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 62      | 100 |       | 69582 |       |       |
| 98      | 9.3 | 0.0   | 18.0  |       |       |





#43

Isopropyl Acetate

Concen: 18.86 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

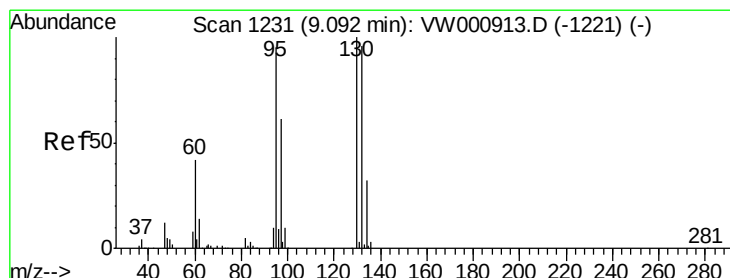
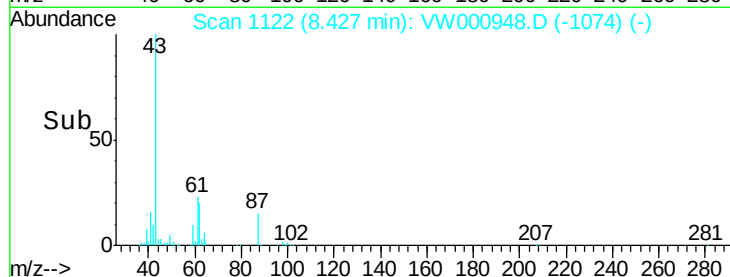
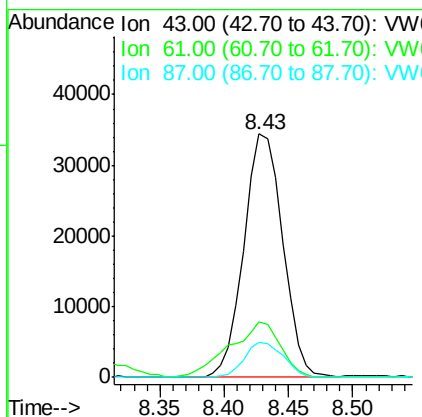
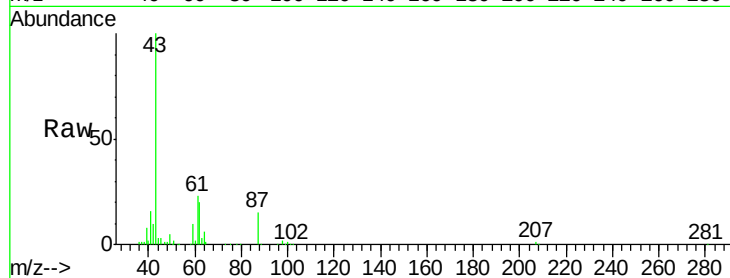
ClientSampleId :

VW0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 71998 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.0  | 23.6  | 35.4  |
| 87       | 14.4  | 11.7  | 17.5  |

Manual Integrations  
APPROVED

MMDadoda  
1/25/2018 1:33:58 PM



#44

Trichloroethene

Concen: 20.48 ug/l

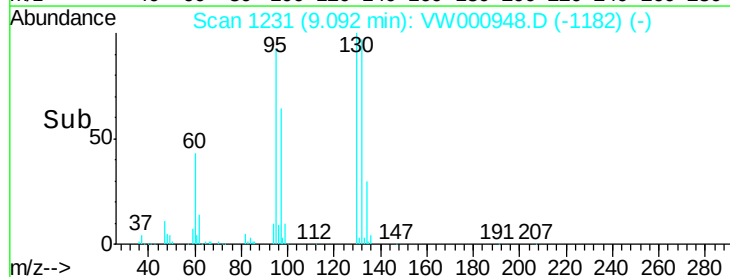
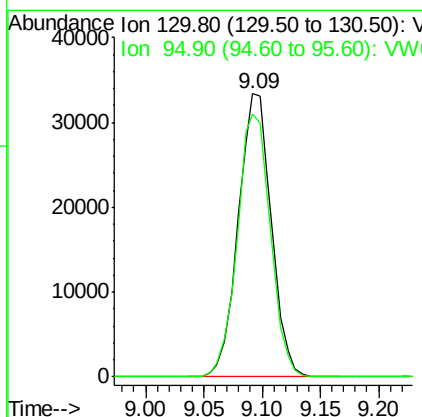
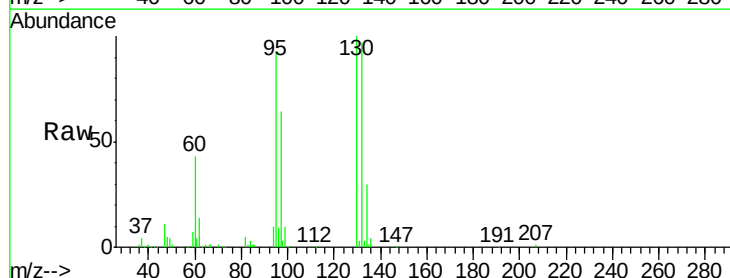
RT: 9.09 min Scan# 1231

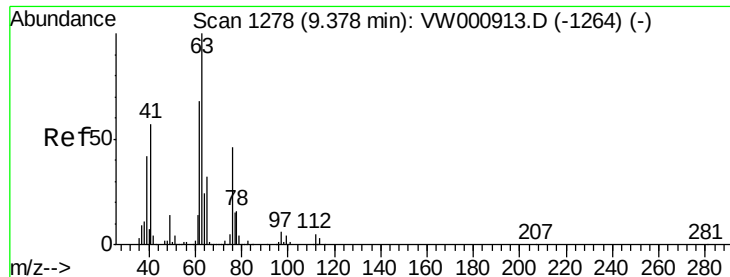
Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 66013 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 92.7  | 0.0   | 190.4 |





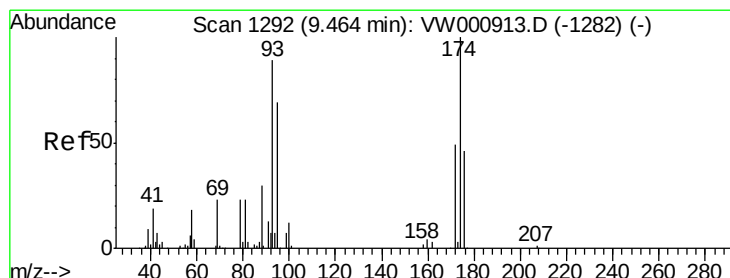
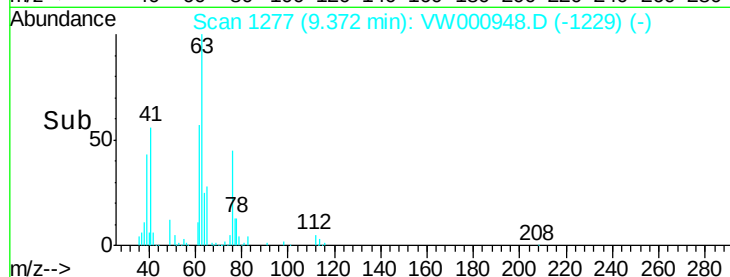
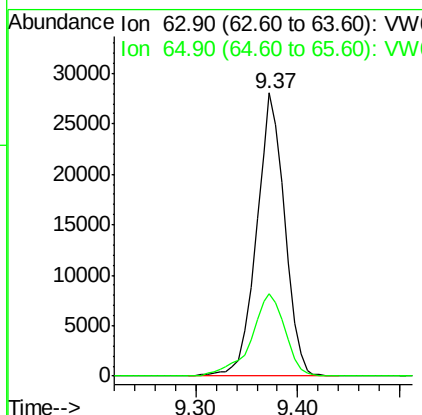
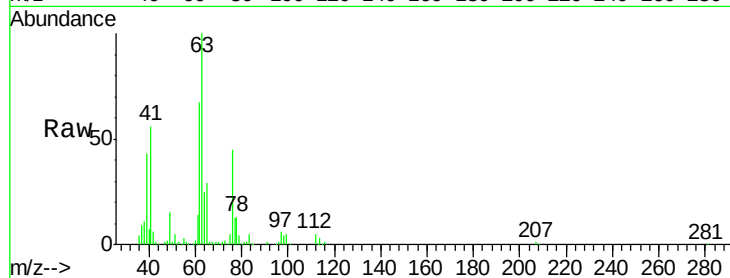
#45  
 1,2-Dichloropropane  
 Concen: 21.22 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.01 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.0  | 25.2  | 37.8  |

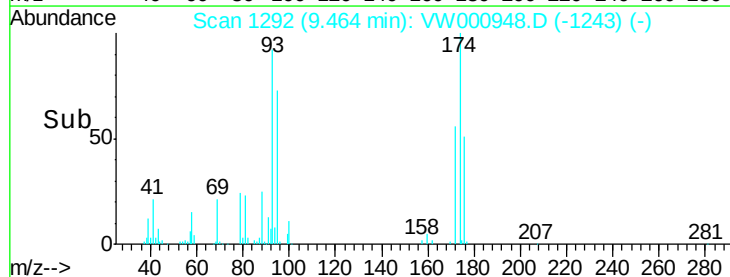
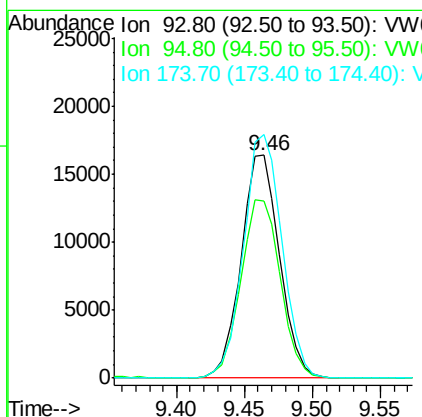
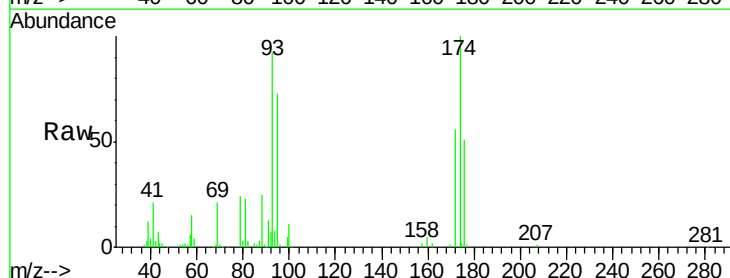
Manual Integrations  
 APPROVED

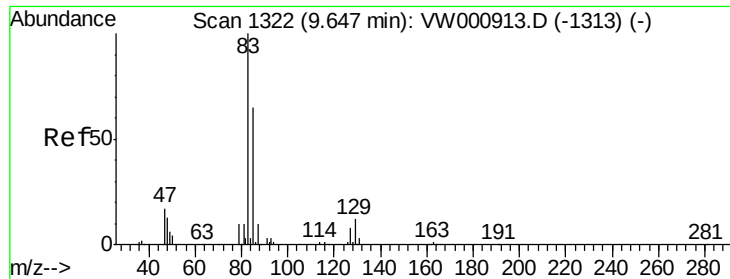
MMDadoda  
 1/25/2018 1:33:58 PM



#46  
 Dibromomethane  
 Concen: 20.09 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.2  | 65.8  | 98.6  |
| 174     | 109.9 | 89.0  | 133.6 |





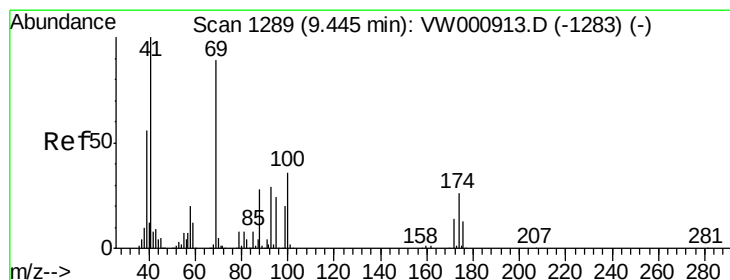
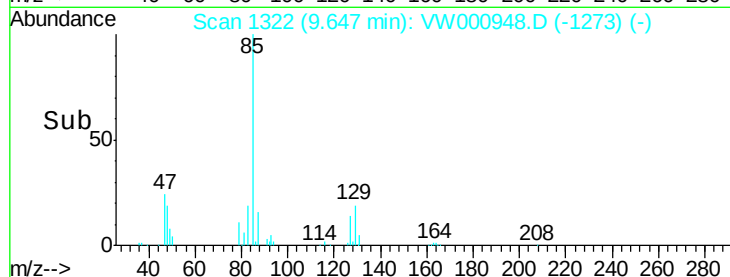
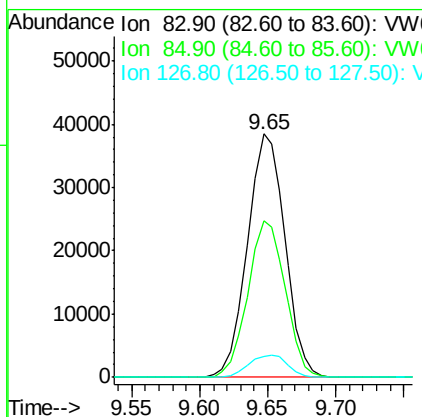
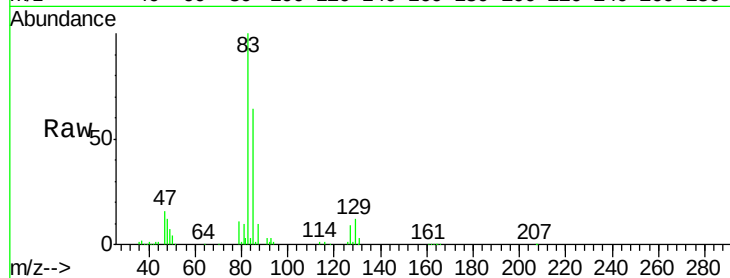
#47  
Bromodichloromethane  
Concen: 20.80 ug/l  
RT: 9.65 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 52.0  | 78.0  |
| 127     | 8.7   | 6.8   | 10.2  |

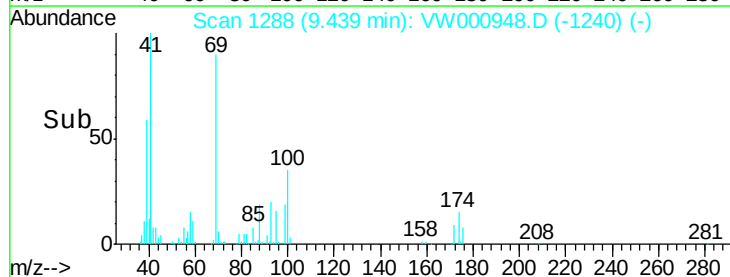
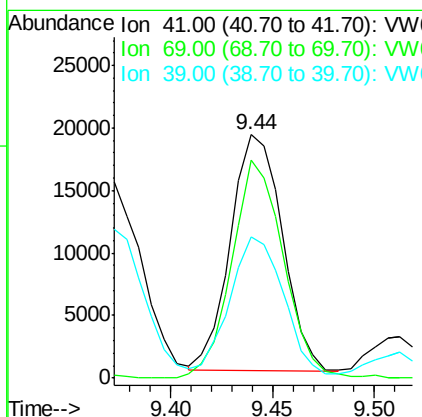
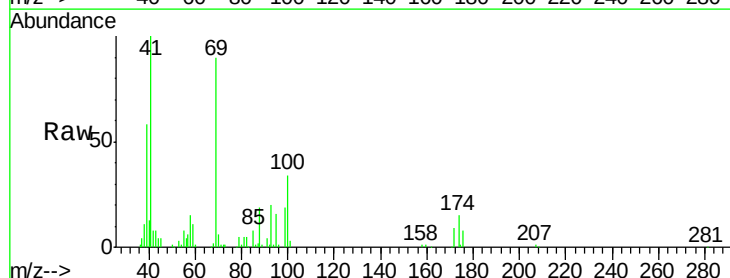
Manual Integrations  
APPROVED

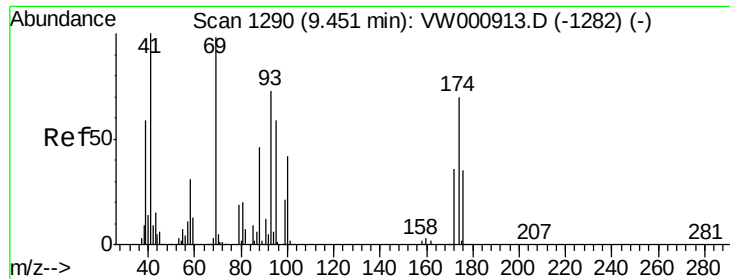
MMDadoda  
1/25/2018 1:33:58 PM



#48  
Methyl methacrylate  
Concen: 18.22 ug/l  
RT: 9.44 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 92.1  | 72.9  | 109.3 |
| 39      | 62.8  | 48.4  | 72.6  |





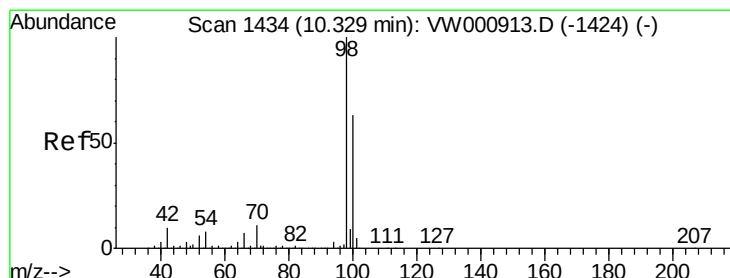
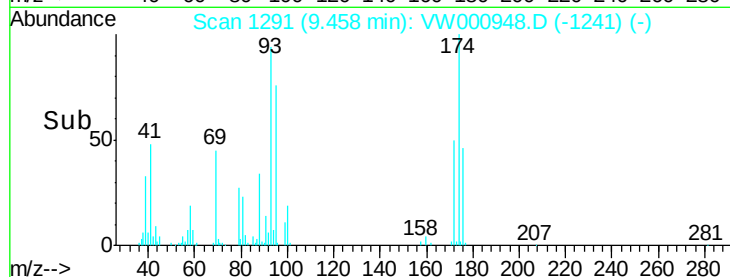
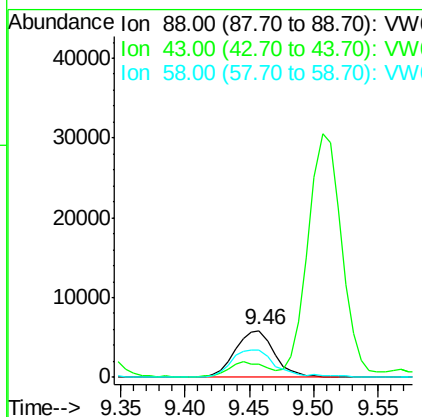
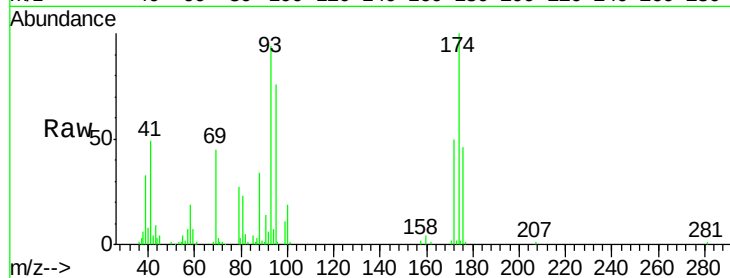
#49  
1,4-Dioxane  
Concen: 346.00 ug/l  
RT: 9.46 min Scan# 1291  
Delta R.T. 0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.0  | 24.5  | 36.7  |
| 58      | 68.1  | 54.7  | 82.1  |

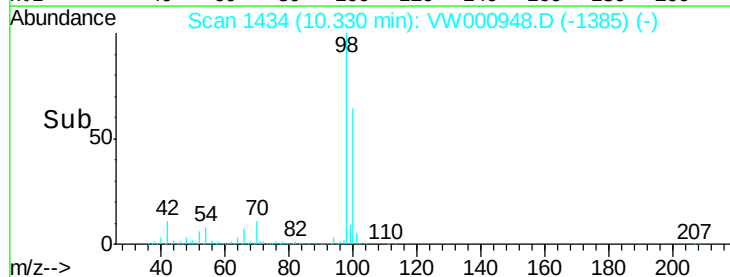
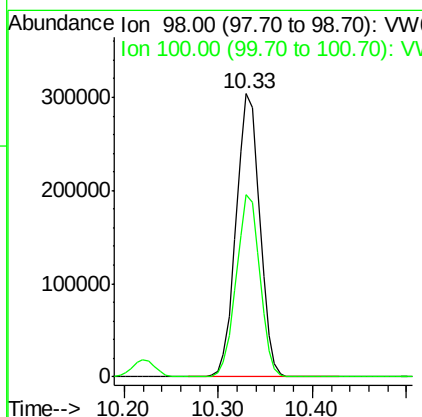
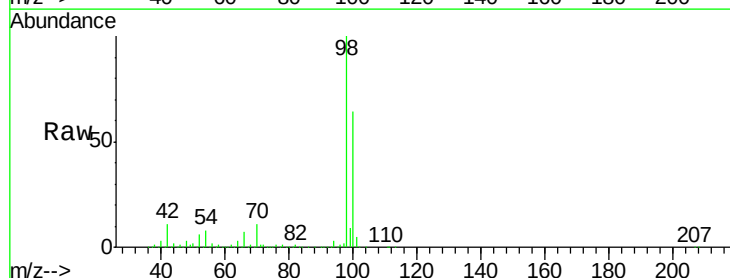
Manual Integrations  
APPROVED

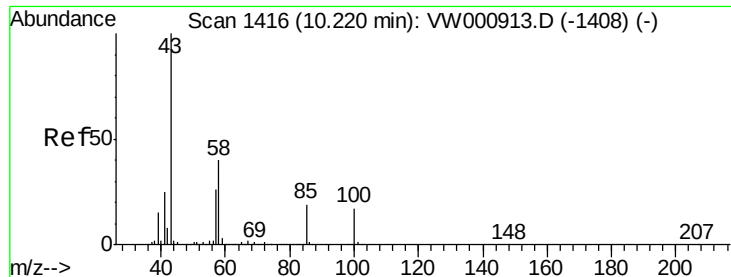
MMDadoda  
1/25/2018 1:33:58 PM



#50  
Toluene-d8  
Concen: 52.71 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.2  | 50.8  | 76.2  |





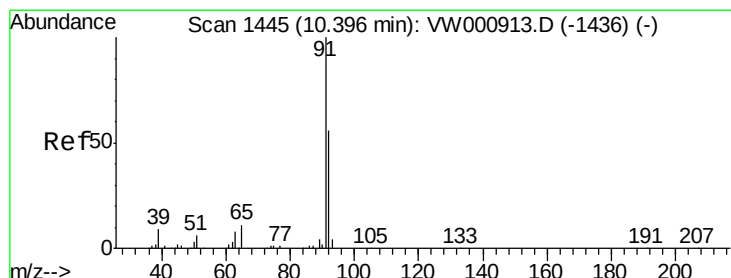
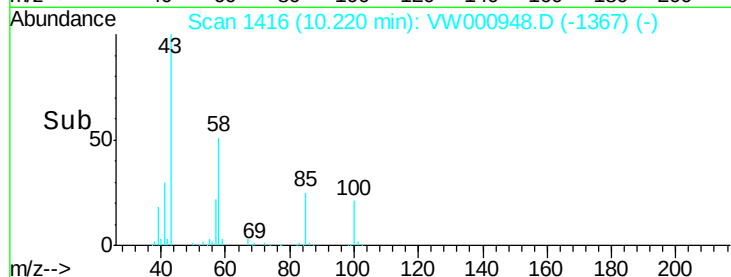
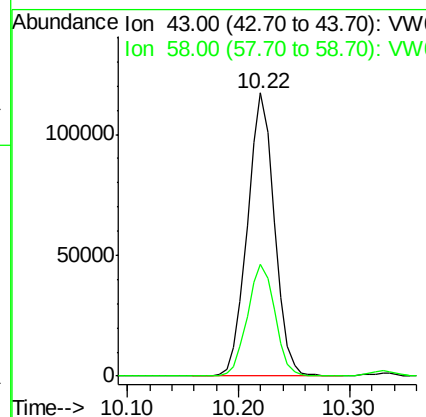
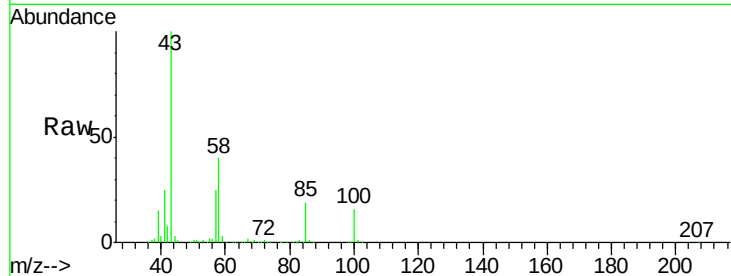
#51  
 4-Methyl-2-Pentanone  
 Concen: 90.01 ug/l  
 RT: 10.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0124SBS01

Tot Ion: 43 Resp: 197736  
 Ion Ratio Lower Upper  
 43 100  
 58 40.2 32.0 48.0

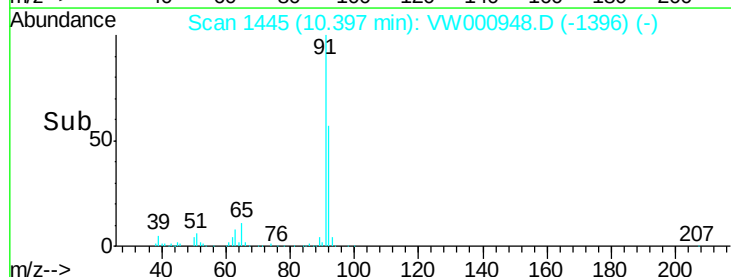
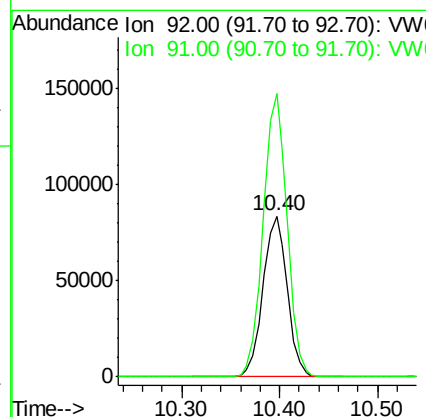
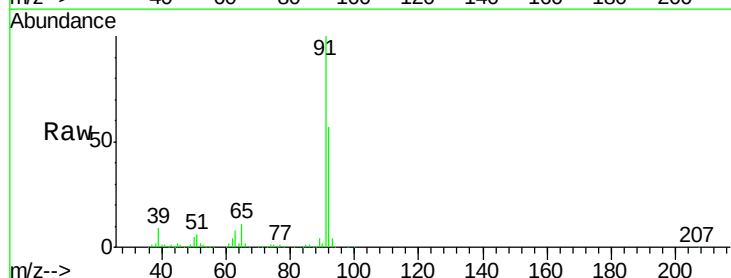
Manual Integrations  
 APPROVED

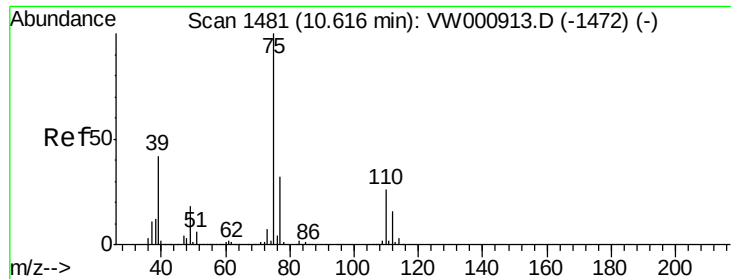
MMDadoda  
 1/25/2018 1:33:58 PM



#52  
 Toluene  
 Concen: 21.03 ug/l  
 RT: 10.40 min Scan# 1445  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Tgt Ion: 92 Resp: 144093  
 Ion Ratio Lower Upper  
 92 100  
 91 174.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 19.61 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 75 Resp: 71042

Ion Ratio Lower Upper

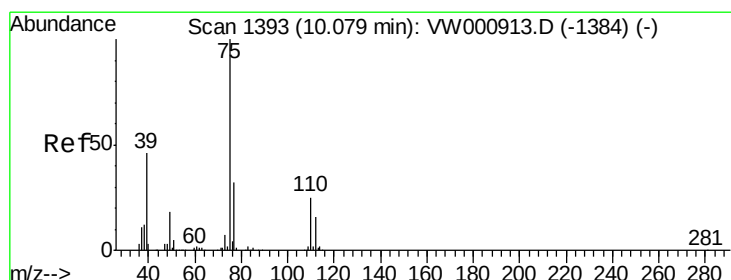
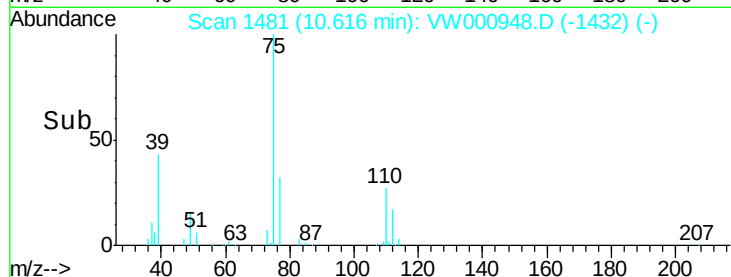
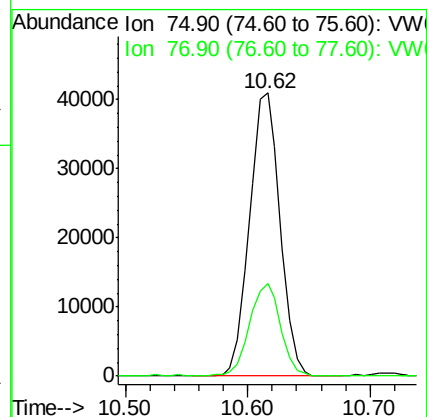
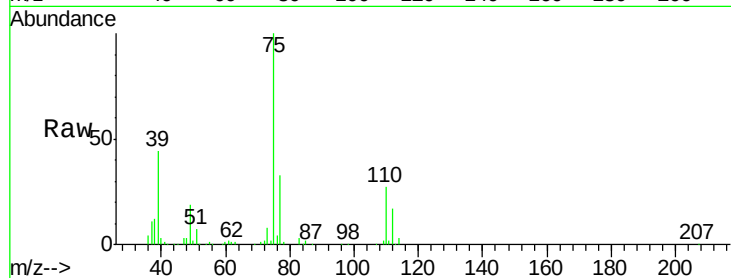
75 100

77 32.7 25.7 38.5

Manual Integrations  
APPROVED

MMDadoda

1/25/2018 1:33:58 PM



#54

cis-1,3-Dichloropropene

Concen: 20.49 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

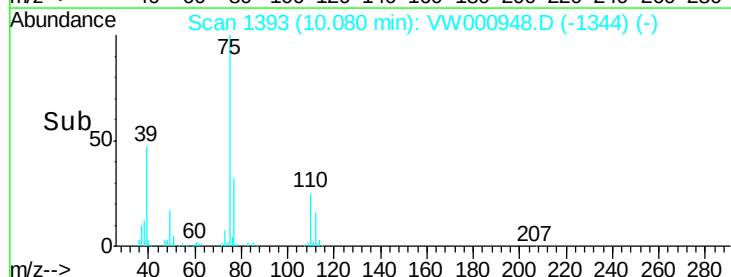
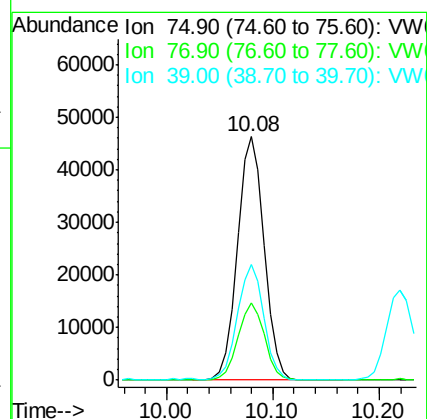
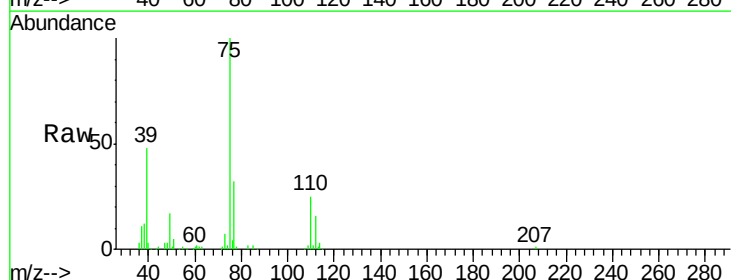
Tgt Ion: 75 Resp: 81683

Ion Ratio Lower Upper

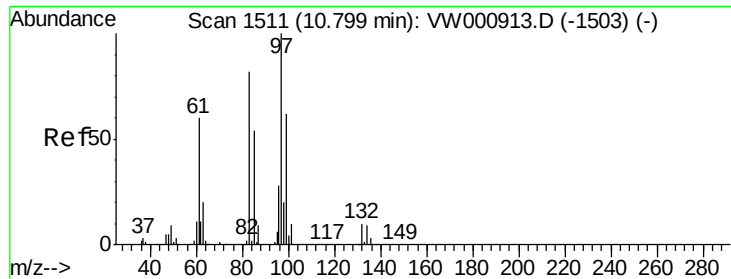
75 100

77 31.8 25.3 37.9

39 47.3 37.0 55.6







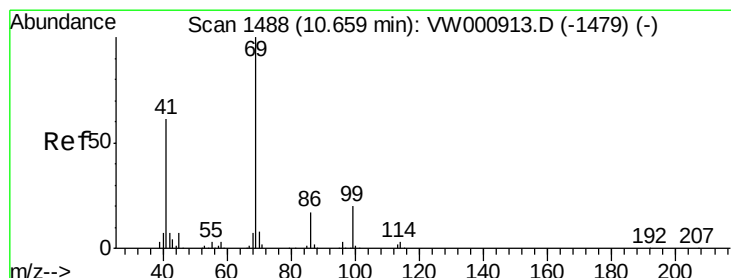
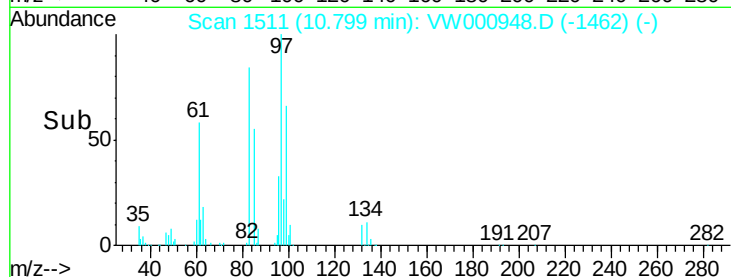
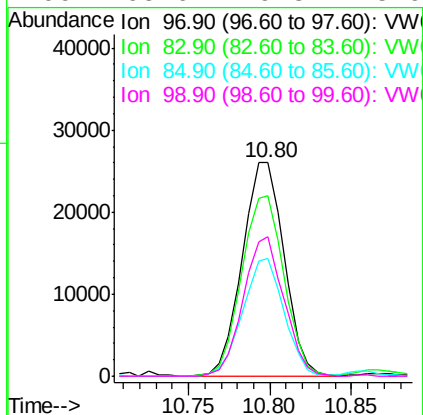
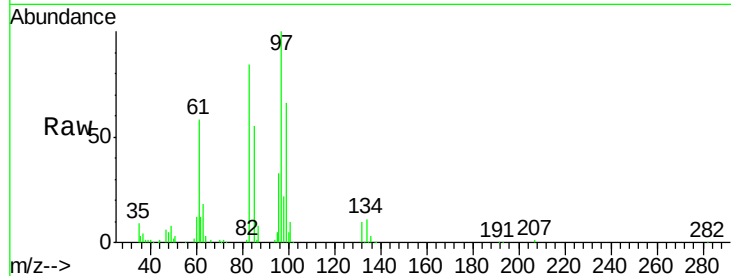
#55  
 1,1,2-Trichloroethane  
 Concen: 20.62 ug/l  
 RT: 10.80 min Scan# 1511  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 46565 |       |       |
| 83      | 84.3 | 65.2  | 97.8  |       |       |
| 85      | 55.0 | 43.1  | 64.7  |       |       |
| 99      | 65.6 | 49.3  | 73.9  |       |       |

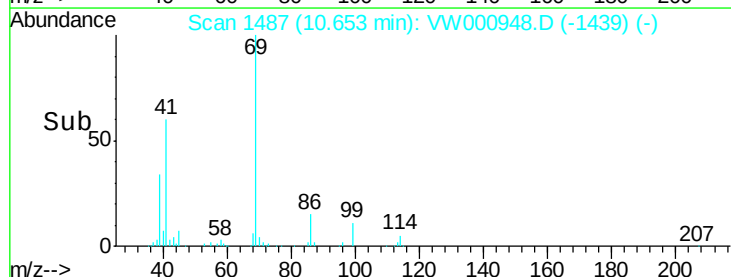
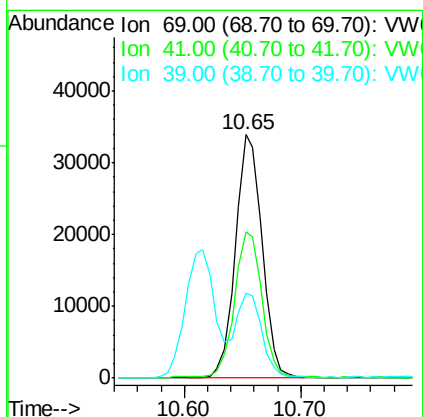
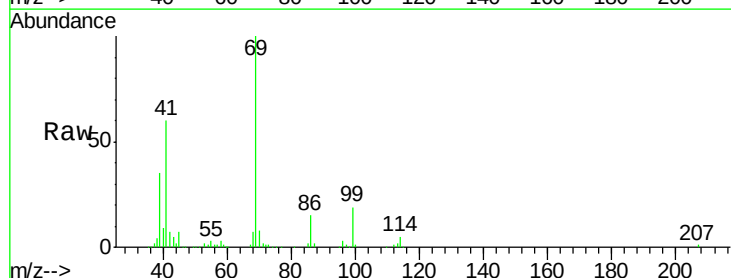
Manual Integrations  
 APPROVED

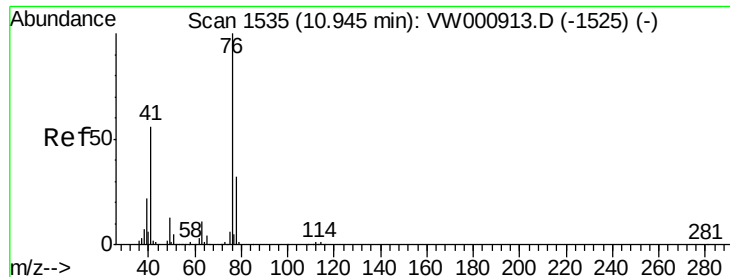
MMDadoda  
 1/25/2018 1:33:58 PM



#56  
 Ethyl methacrylate  
 Concen: 19.97 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. -0.01 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 54179 |       |       |
| 41      | 63.1 | 50.3  | 75.5  |       |       |
| 39      | 34.3 | 28.6  | 42.8  |       |       |





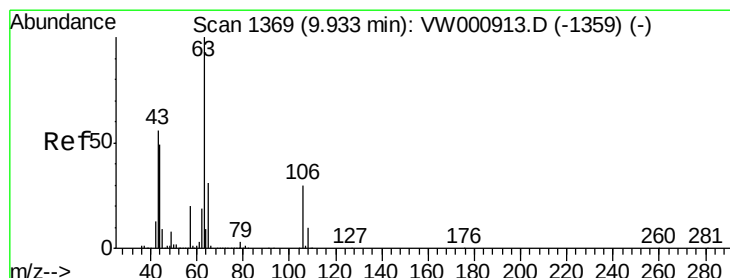
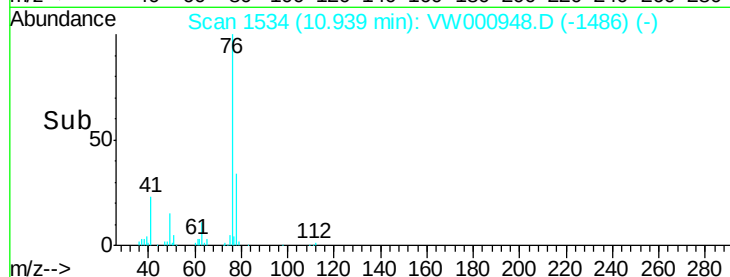
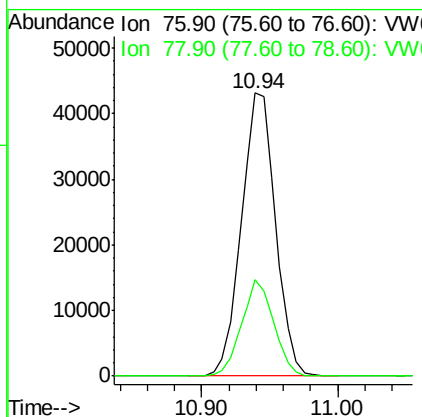
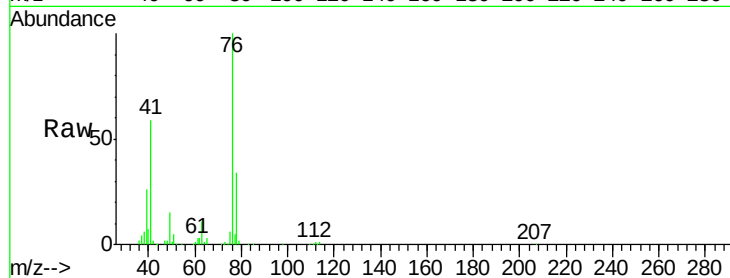
#57  
 1,3-Dichloropropane  
 Concen: 20.52 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.8  | 38.8  |

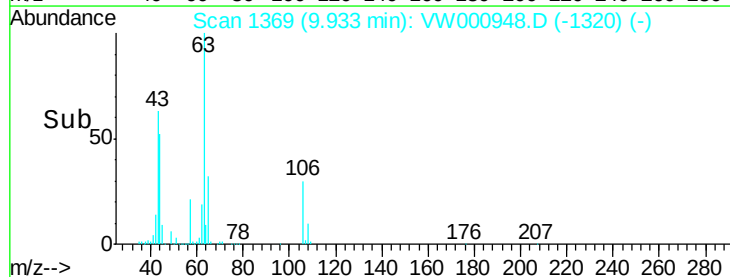
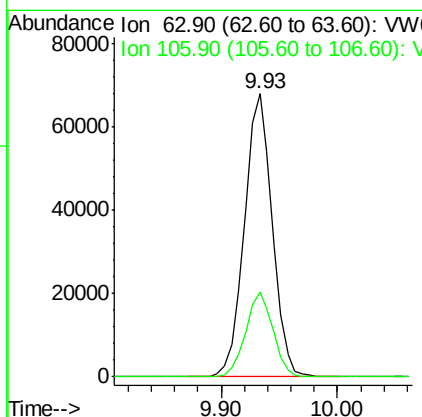
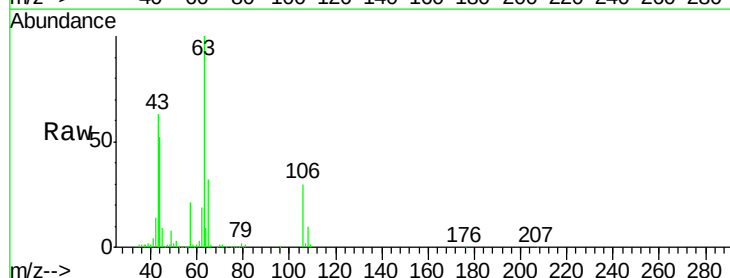
Manual Integrations  
 APPROVED

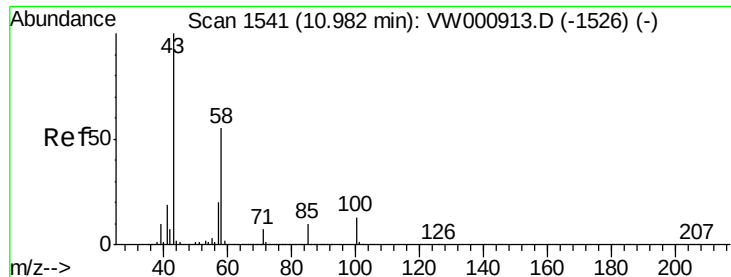
MMDadoda  
 1/25/2018 1:33:58 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 84.73 ug/l  
 RT: 9.93 min Scan# 1369  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.4  | 23.8  | 35.8  |





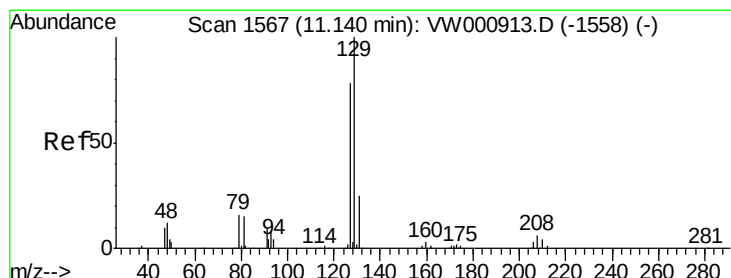
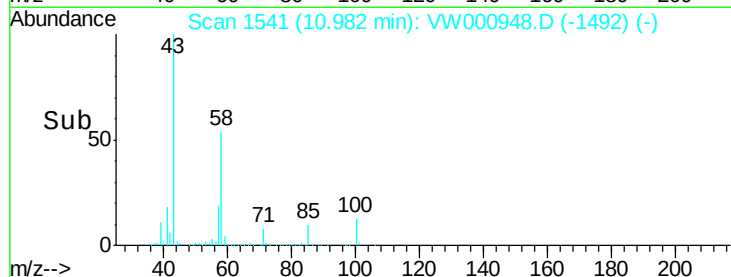
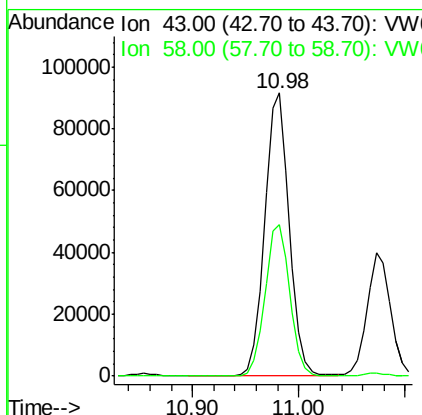
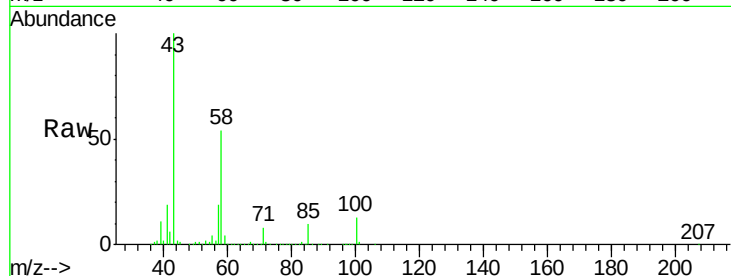
#59  
2-Hexanone  
Concen: 86.48 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0124SBSD01

Tot Ion: 43 Resp: 147332  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.4 82.2

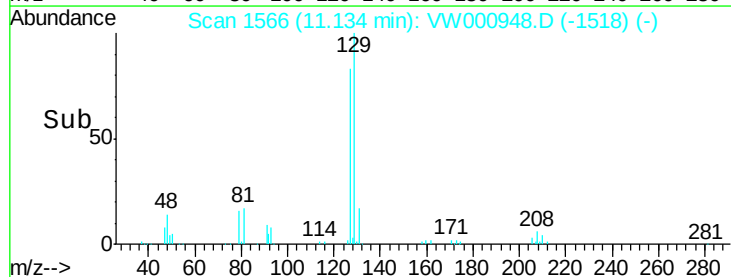
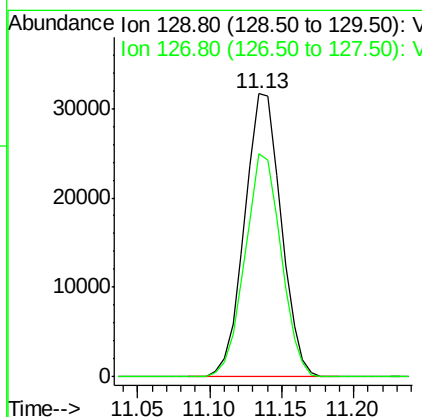
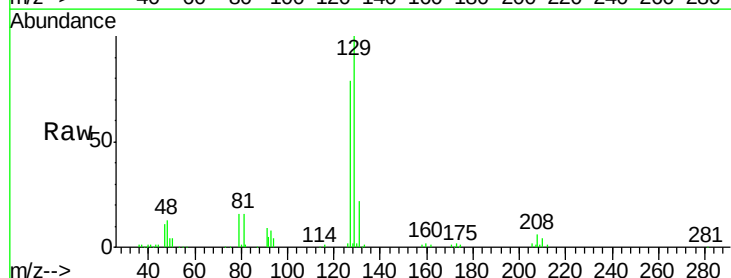
Manual Integrations  
APPROVED

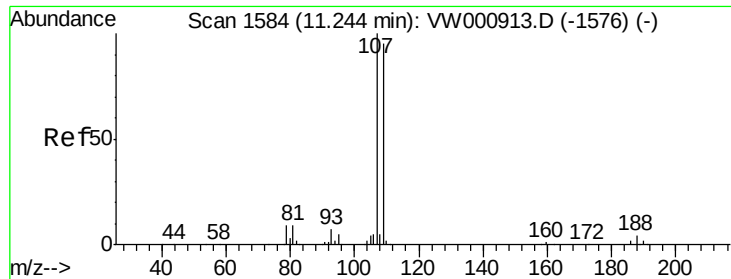
MMDadoda  
1/25/2018 1:33:58 PM



#60  
Dibromochloromethane  
Concen: 20.40 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Tgt Ion: 129 Resp: 55625  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.4 115.2





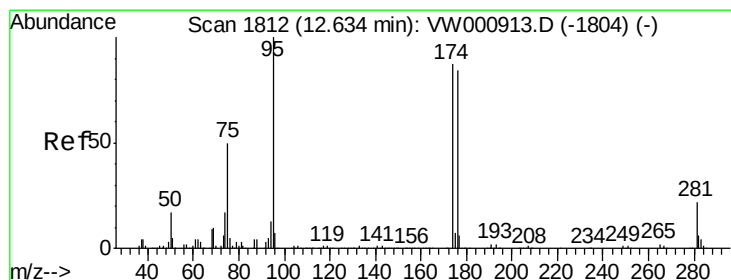
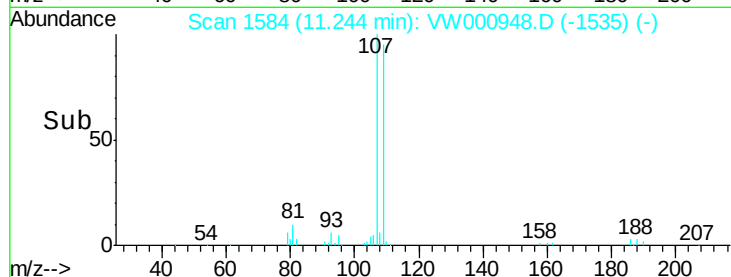
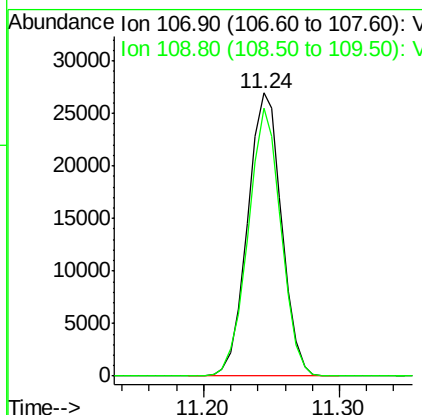
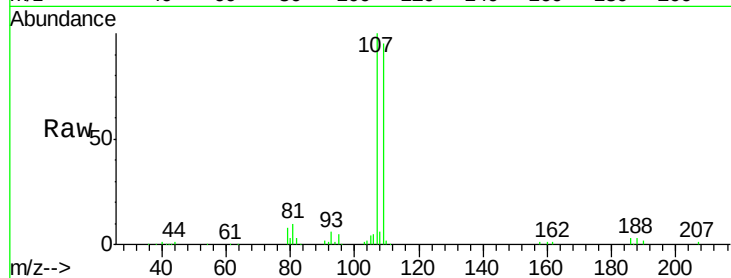
#61  
 1,2-Dibromoethane  
 Concen: 20.08 ug/l  
 RT: 11.24 min Scan# 1584  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

Tot Ion: 107 Resp: 47228  
 Ion Ratio Lower Upper  
 107 100  
 109 91.9 76.0 114.0

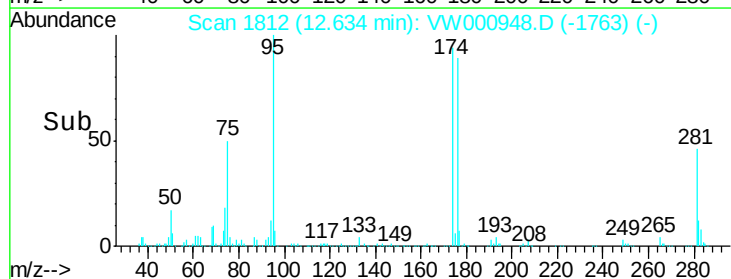
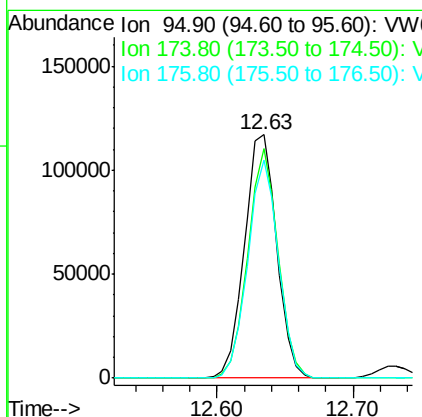
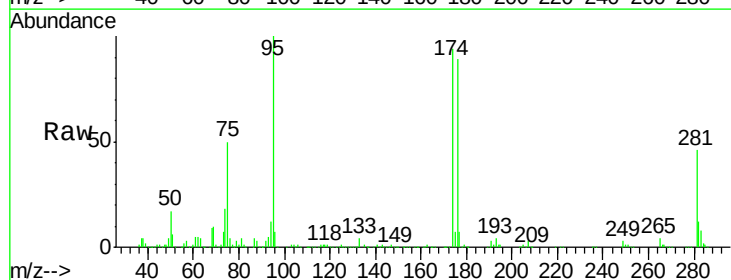
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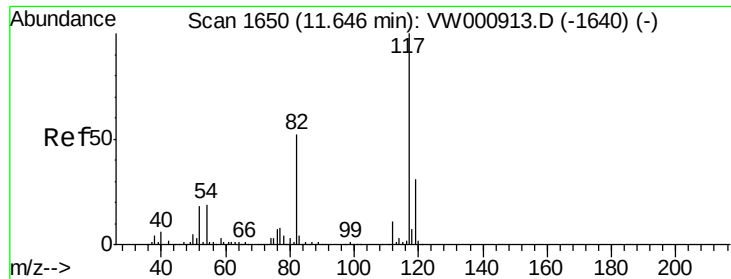
MMDadoda  
 1/25/2018 1:33:58 PM



#62  
 4-Bromofluorobenzene  
 Concen: 52.68 ug/l  
 RT: 12.63 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Tgt Ion: 95 Resp: 193760  
 Ion Ratio Lower Upper  
 95 100  
 174 88.9 0.0 176.8  
 176 85.5 0.0 171.8





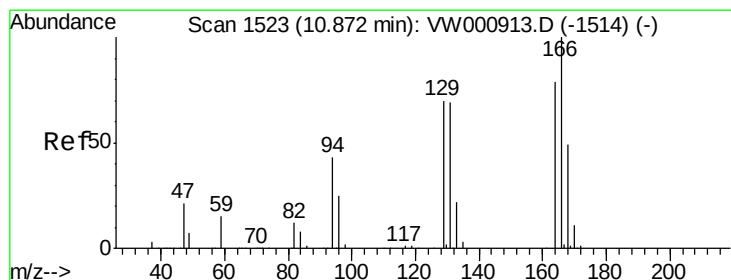
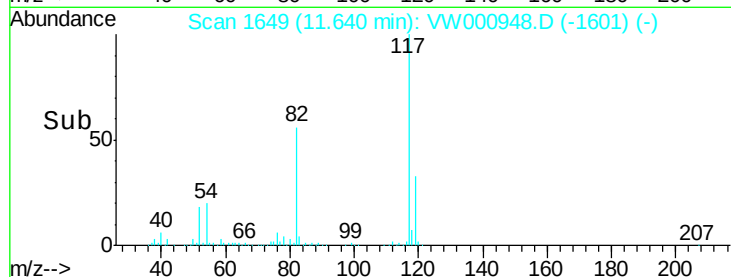
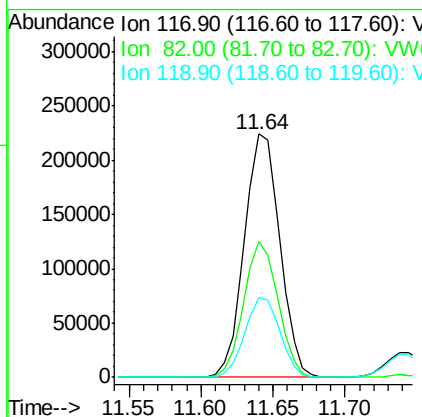
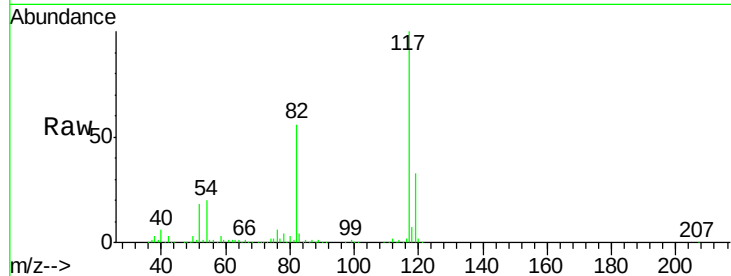
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.7  | 41.8  | 62.6  |
| 119     | 32.8  | 25.2  | 37.8  |

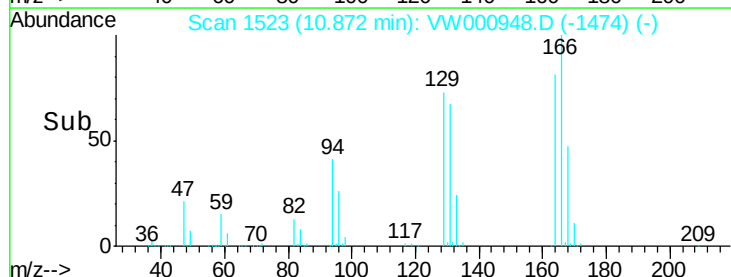
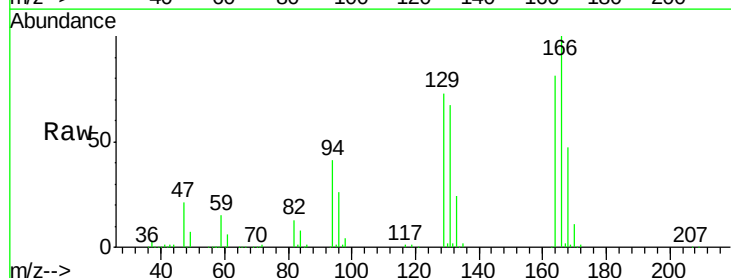
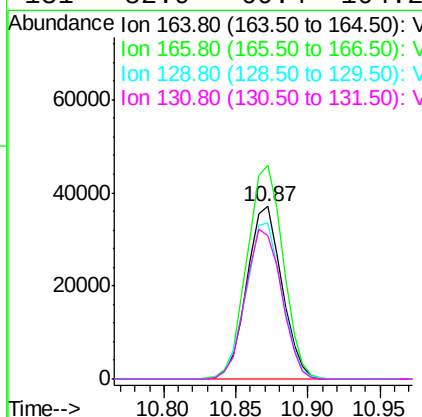
Manual Integrations  
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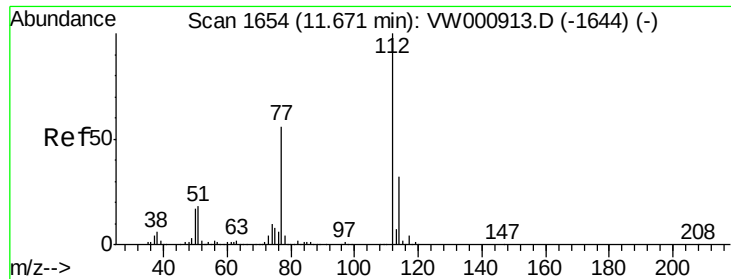
MMDadoda  
1/25/2018 1:33:58 PM



#64  
Tetrachloroethene  
Concen: 19.75 ug/l  
RT: 10.87 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.9 | 100.9 | 151.3 |
| 129     | 90.8  | 70.5  | 105.7 |
| 131     | 82.9  | 69.4  | 104.2 |





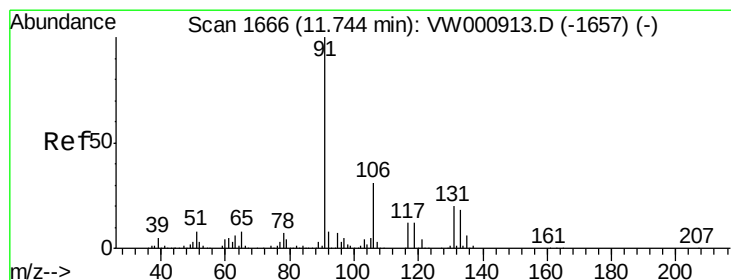
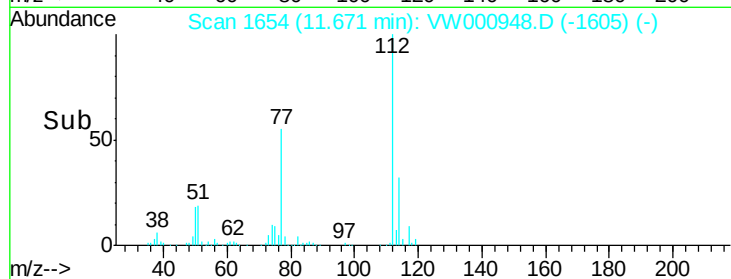
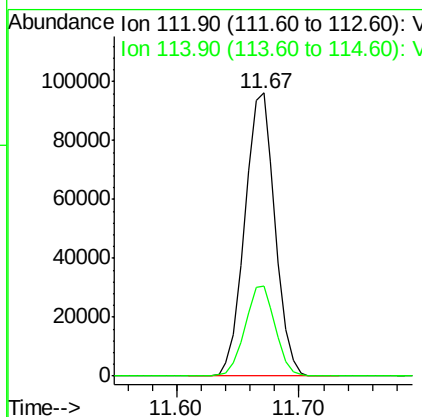
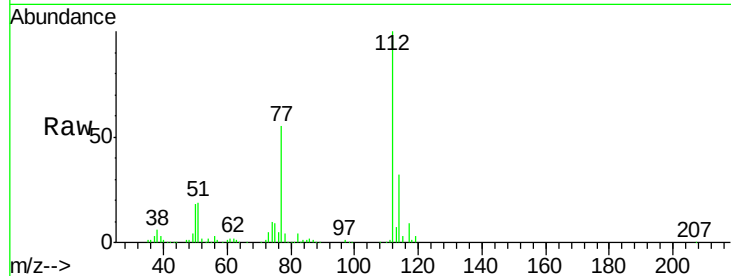
#65  
Chlorobenzene  
Concen: 21.04 ug/l  
RT: 11.67 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0124SBSD01

Tot Ion:112 Resp: 164798  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6

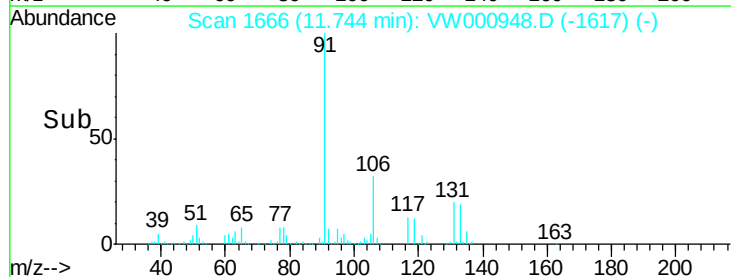
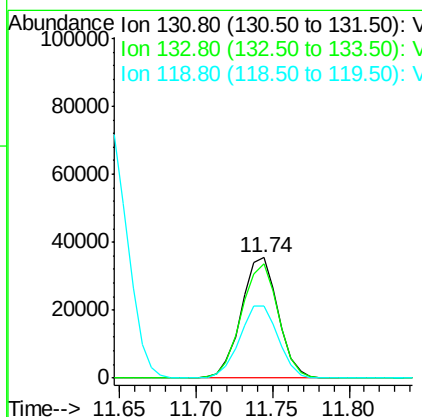
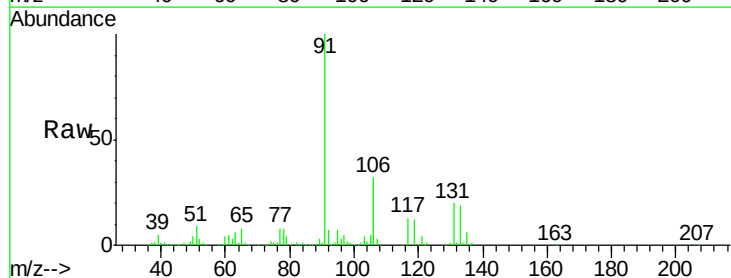
Manual Integrations  
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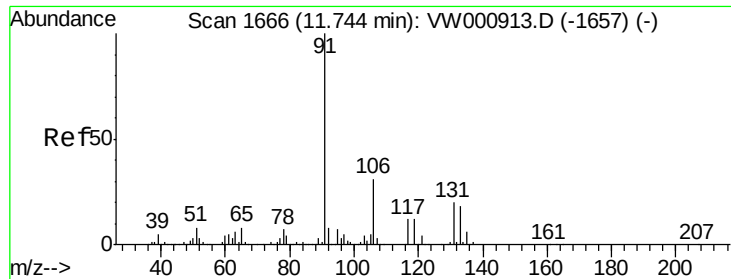
MMDadoda  
1/25/2018 1:33:58 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.18 ug/l  
RT: 11.74 min Scan# 1666  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Tgt Ion:131 Resp: 59557  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.3 142.0  
119 62.7 31.6 94.7





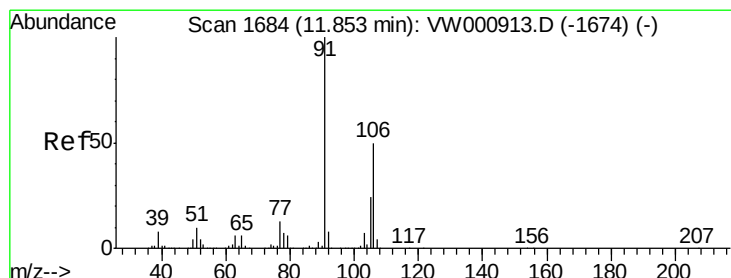
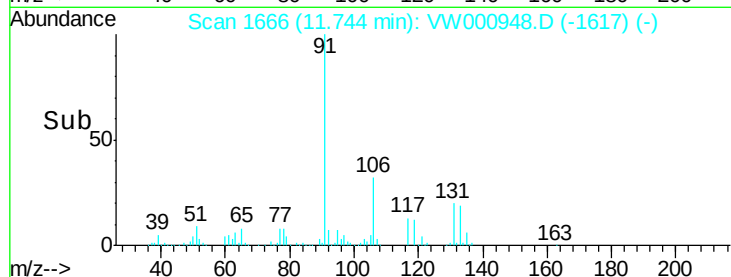
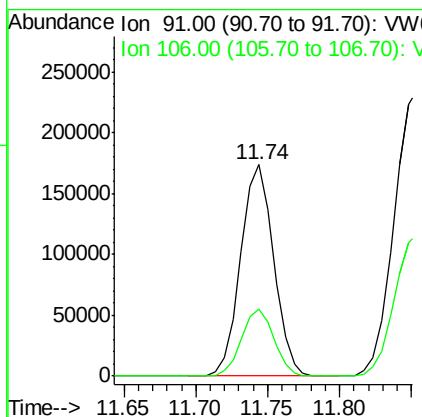
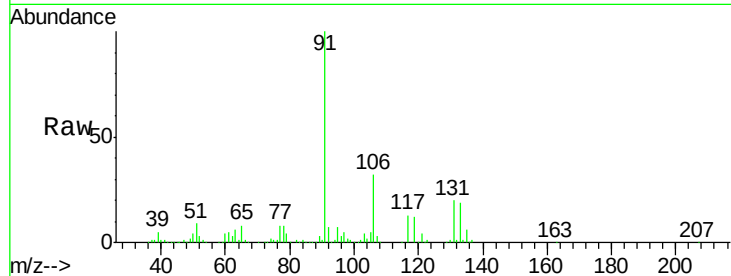
#67  
Ethyl Benzene  
Concen: 20.92 ug/l  
RT: 11.74 min Scan# 1666  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0124SBSD01

Tot Ion: 91 Resp: 276720  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.1 37.7

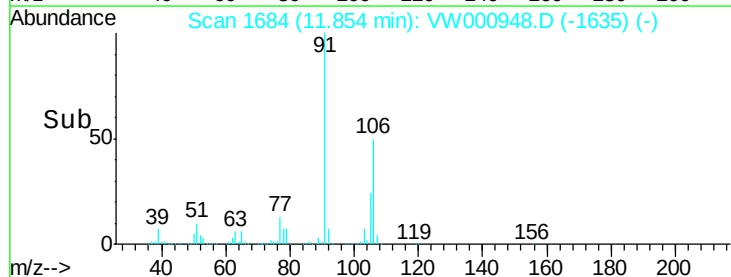
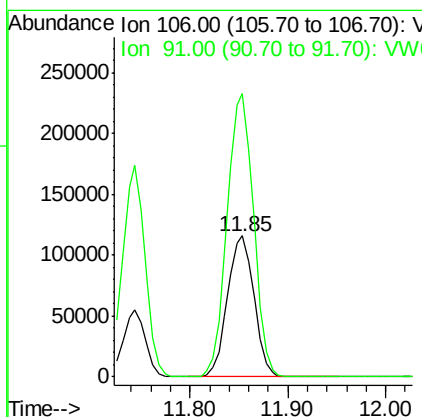
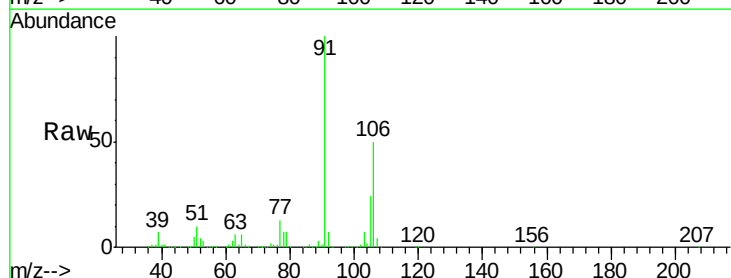
Manual Integrations  
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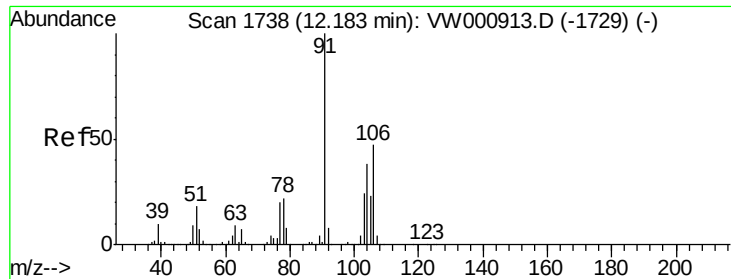
MMDadoda  
1/25/2018 1:33:58 PM



#68  
m/p-Xylenes  
Concen: 42.39 ug/l  
RT: 11.85 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Tgt Ion: 106 Resp: 217989  
Ion Ratio Lower Upper  
106 100  
91 199.8 161.9 242.9





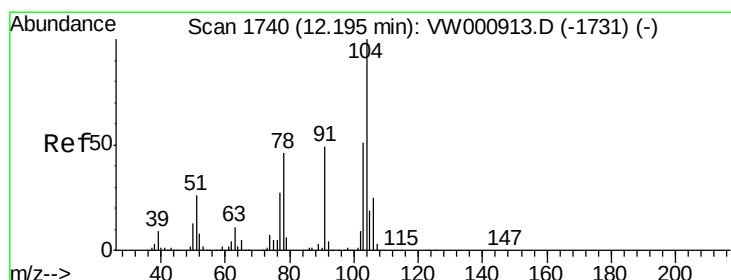
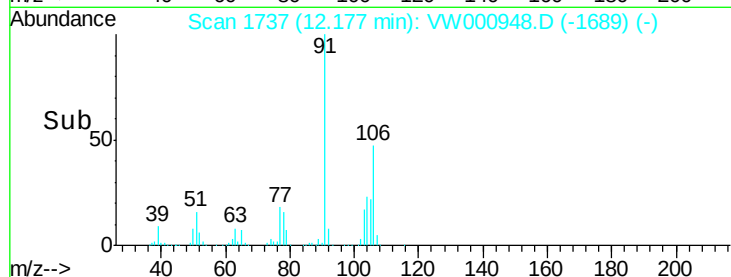
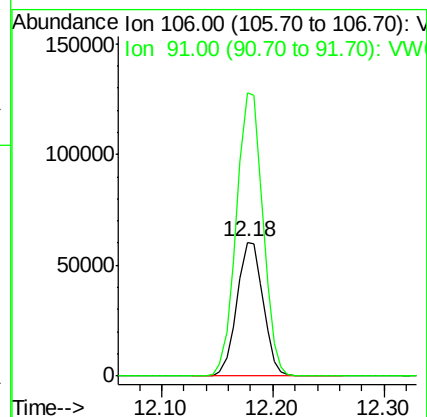
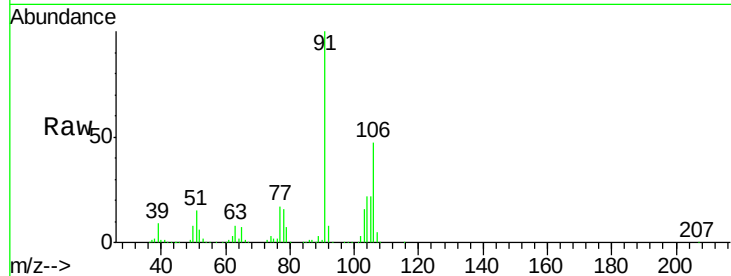
#69  
o-Xylene  
Concen: 20.96 ug/l  
RT: 12.18 min Scan# 1737  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 214.0 | 106.3 | 318.8 |

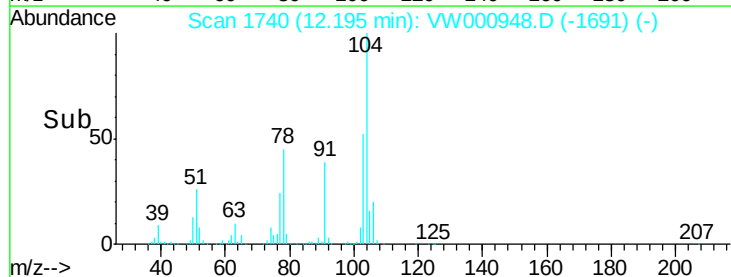
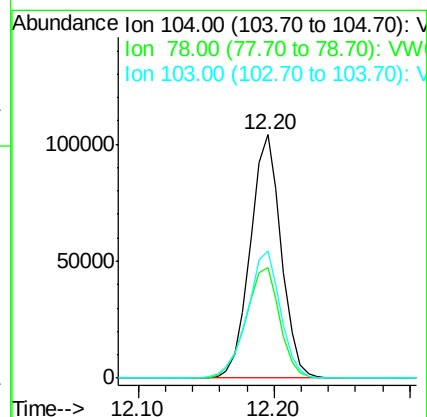
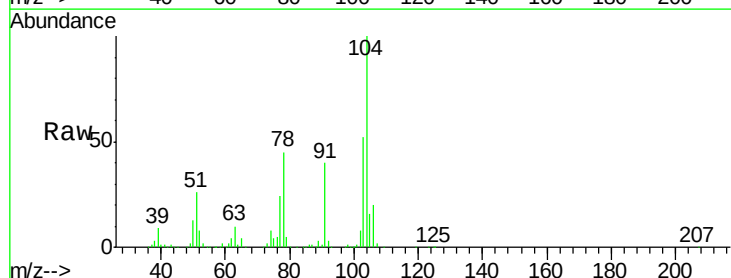
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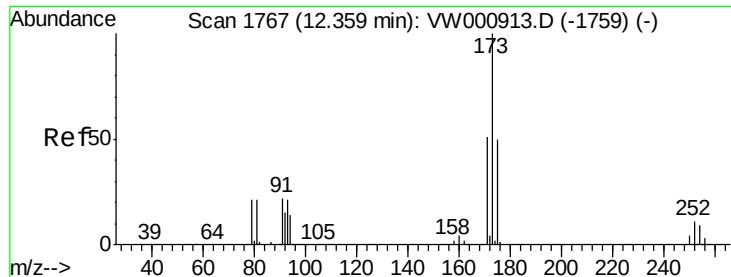


#70  
Styrene  
Concen: 21.58 ug/l  
RT: 12.20 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 49.9  | 40.1  | 60.1  |
| 103     | 56.0  | 44.6  | 66.8  |







#71

Bromoform

Concen: 19.69 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

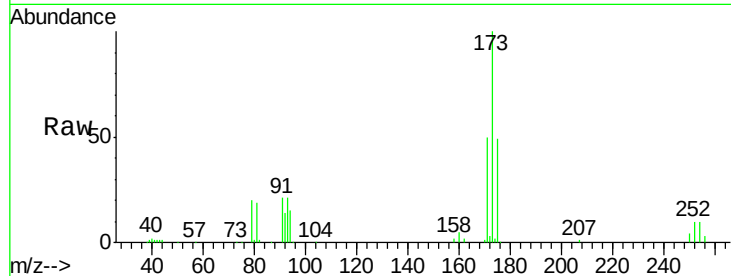
ClientSampleId :

VW0124SBSD01

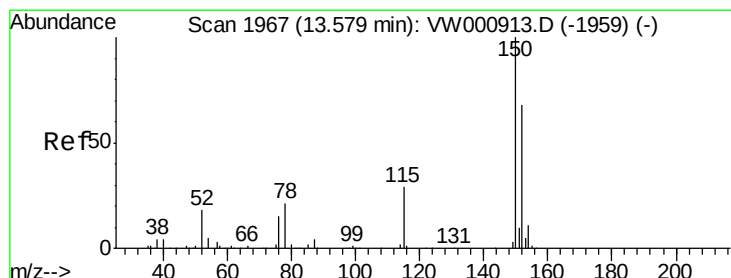
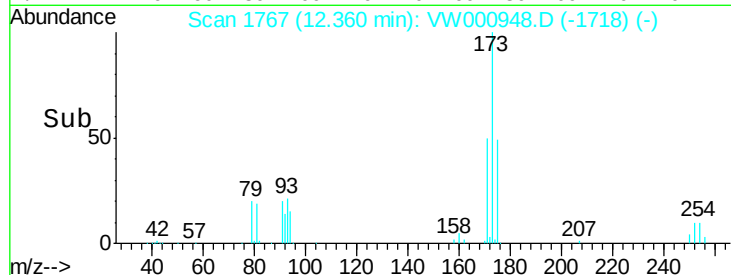
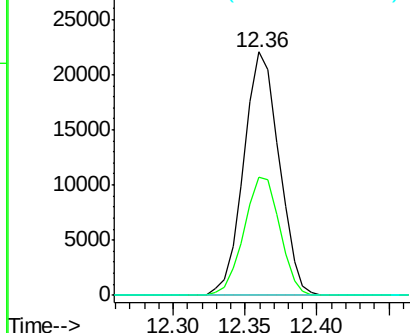
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.7  | 74.1  |
| 254     | 0.1   | 0.2   | 0.2#  |

Manual Integrations  
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1/25/2018 1:33:58 PM



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

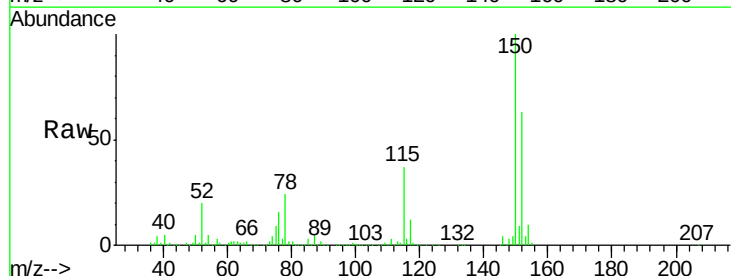
RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

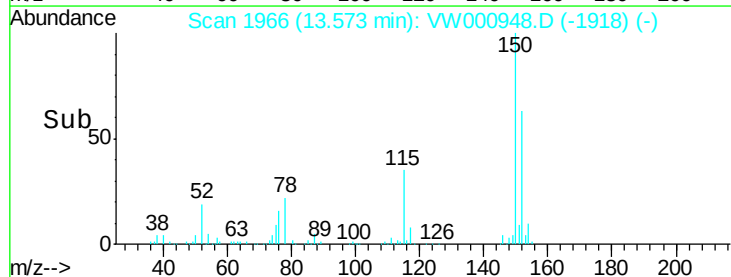
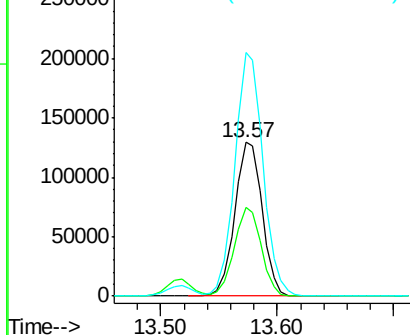
Lab File: VW000948.D

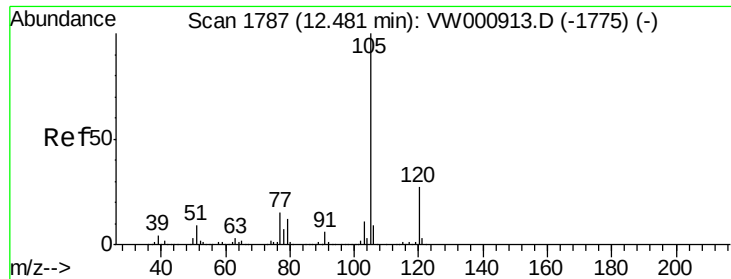
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.7  | 28.5  | 85.5  |
| 150     | 162.3 | 0.0   | 342.0 |



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





#73

Isopropylbenzene

Concen: 20.11 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBSD01

Tot Ion:105 Resp: 275364

Ion Ratio Lower Upper

105 100

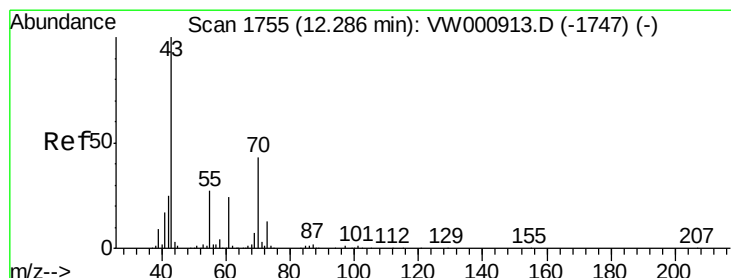
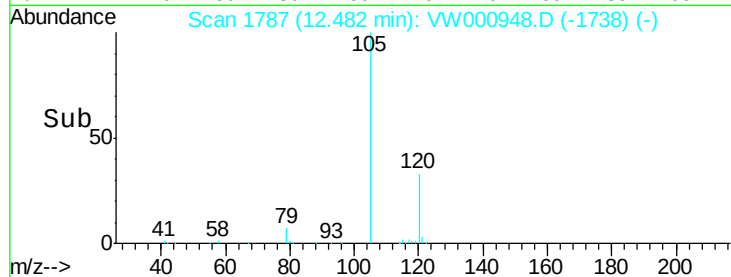
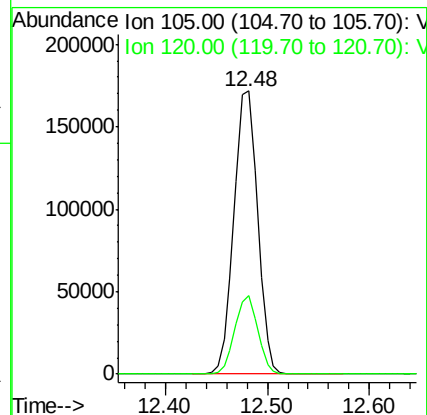
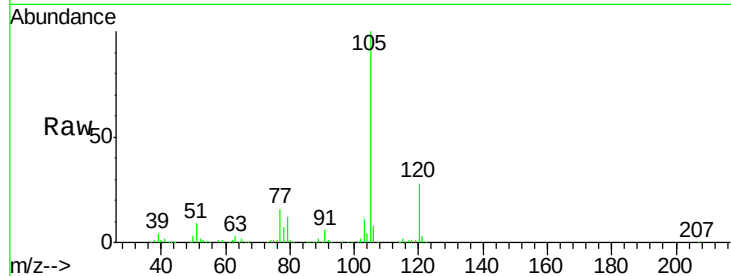
120 26.8 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.24 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Tgt Ion: 43 Resp: 63993

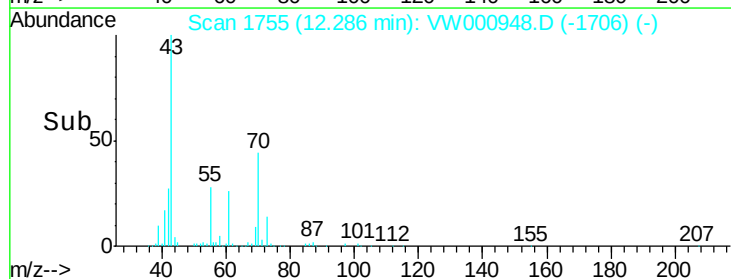
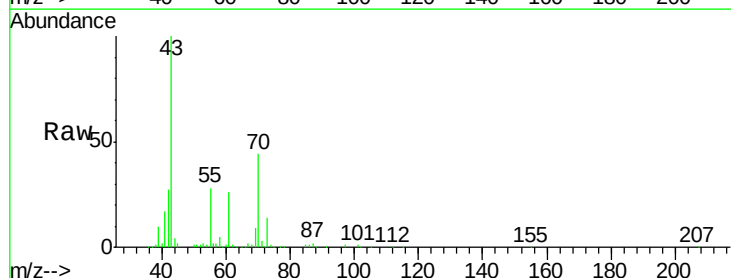
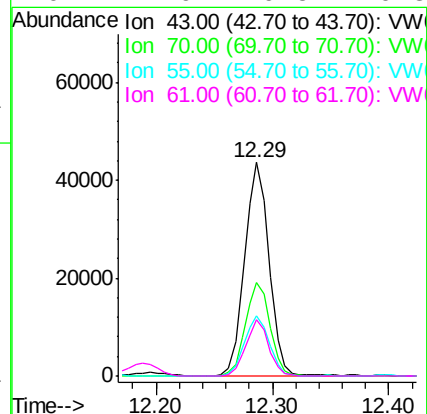
Ion Ratio Lower Upper

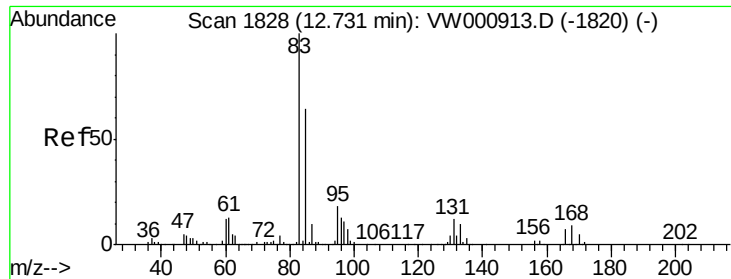
43 100

70 43.9 35.8 53.8

55 28.6 21.4 32.2

61 24.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.14 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

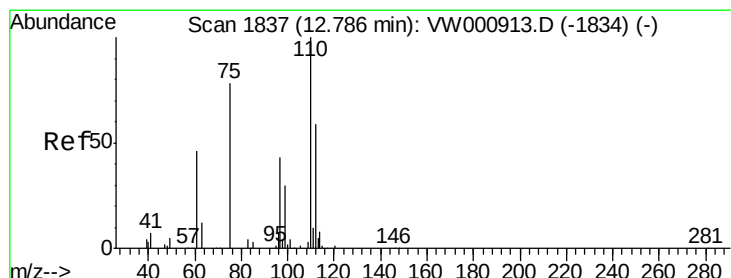
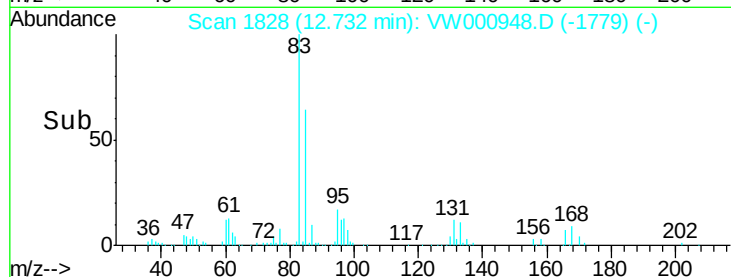
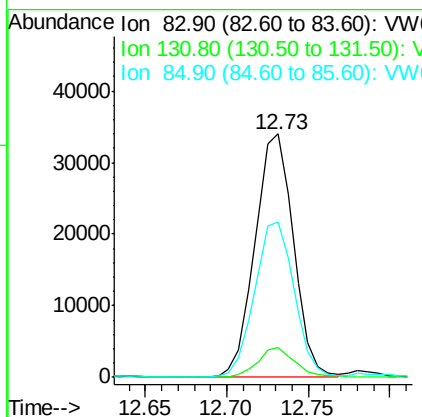
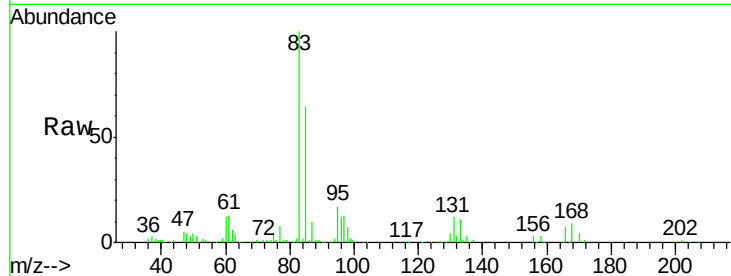
ClientSampleId :

VW0124SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 56036 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 12.0  | 5.9   | 17.7  |
| 85       | 65.7  | 32.6  | 97.7  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 17.58 ug/l m

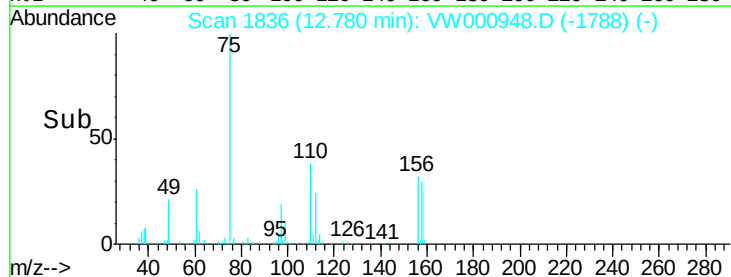
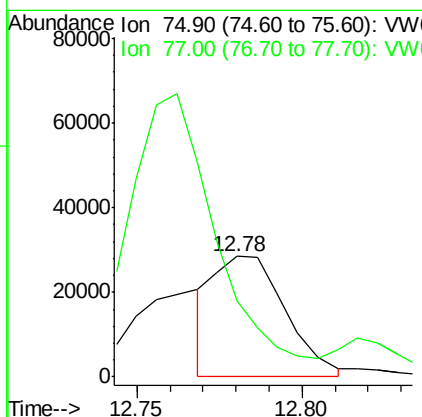
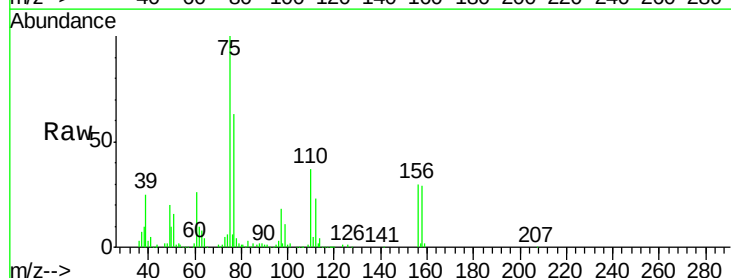
RT: 12.78 min Scan# 1836

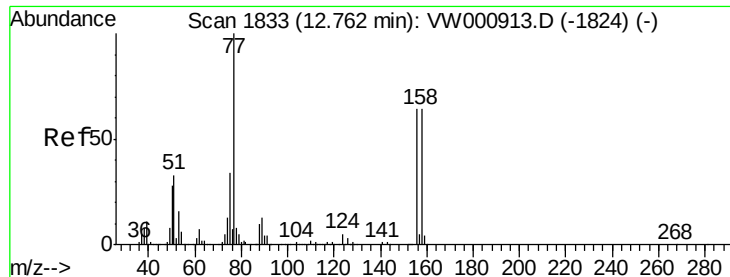
Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 43118 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 292.5 | 0.0   | 0.0#  |





#77

Bromobenzene

Concen: 20.82 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

ClientSampleId :

VW0124SBS01

Tot Ion:156 Resp: 72562

Ion Ratio Lower Upper

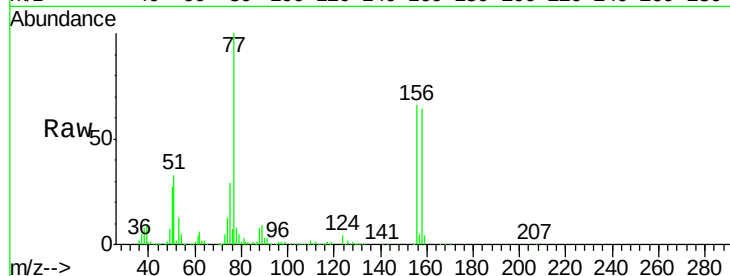
156 100

77 173.8 89.0 267.1

158 95.1 48.9 146.8

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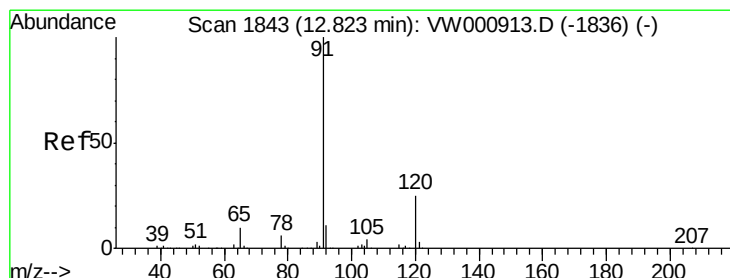
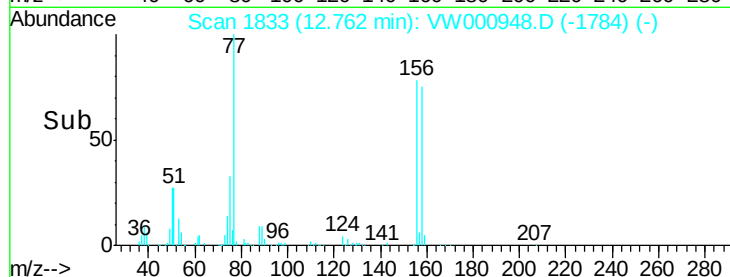
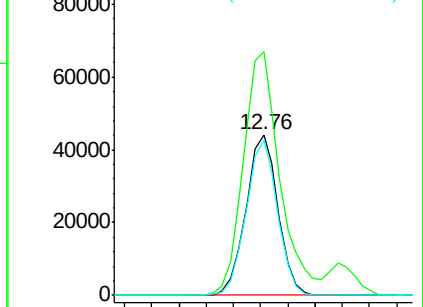
MMMadoda  
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.49 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VW000948.D

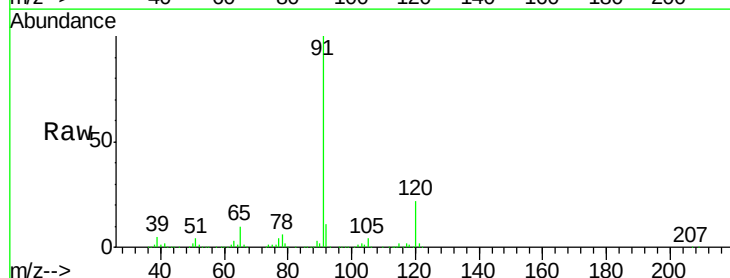
Acq: 24 Jan 2018 15:16

Tgt Ion: 91 Resp: 338634

Ion Ratio Lower Upper

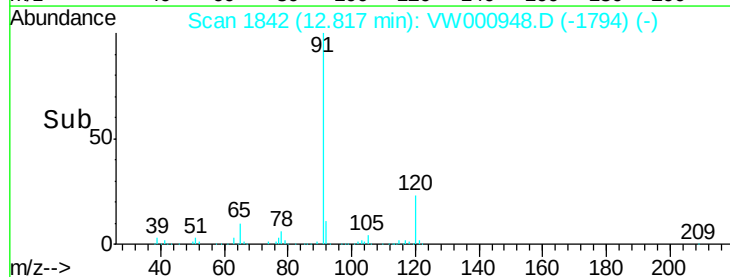
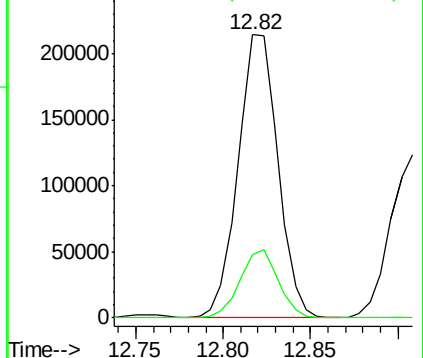
91 100

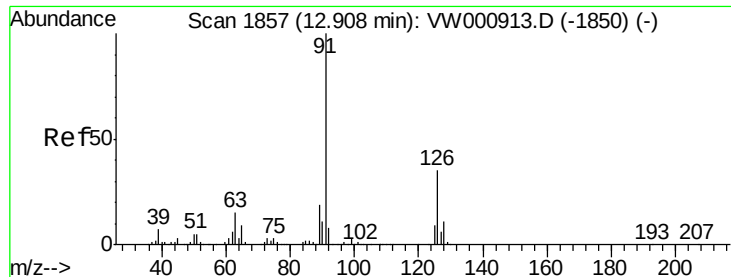
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





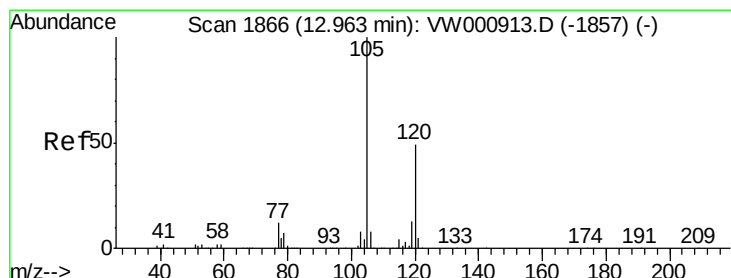
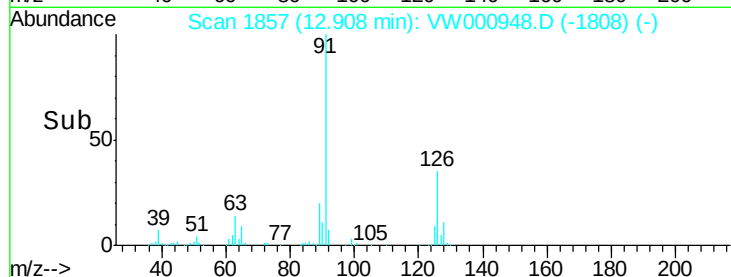
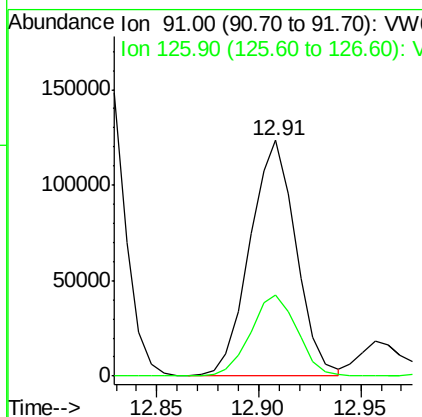
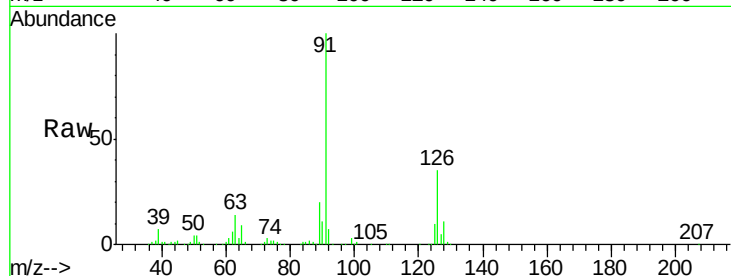
#79  
 2-Chlorotoluene  
 Concen: 20.79 ug/l  
 RT: 12.91 min Scan# 1857  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

Tot Ion: 91 Resp: 193762  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 17.6 52.8

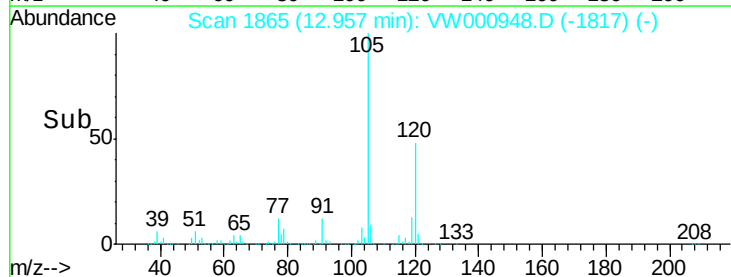
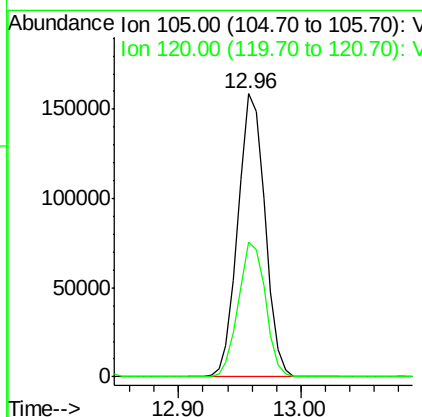
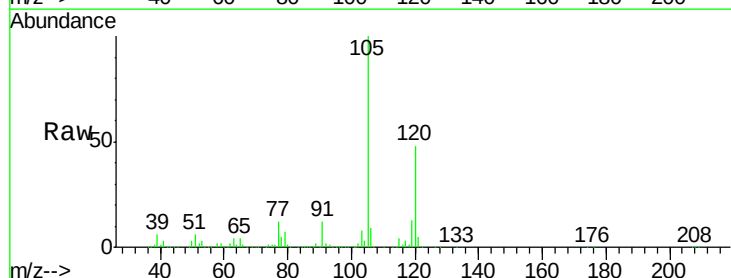
Manual Integrations  
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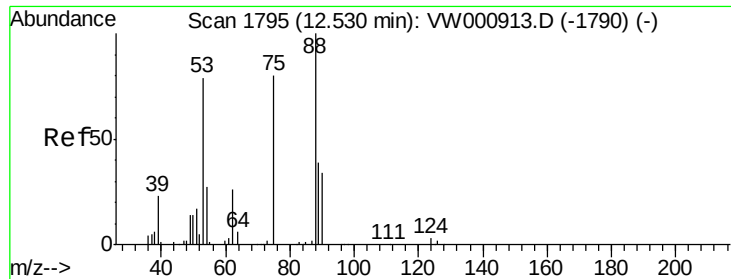
MMDadoda  
 1/25/2018 1:33:58 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.87 ug/l  
 RT: 12.96 min Scan# 1865  
 Delta R.T. -0.01 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Tgt Ion:105 Resp: 243174  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 24.3 72.9





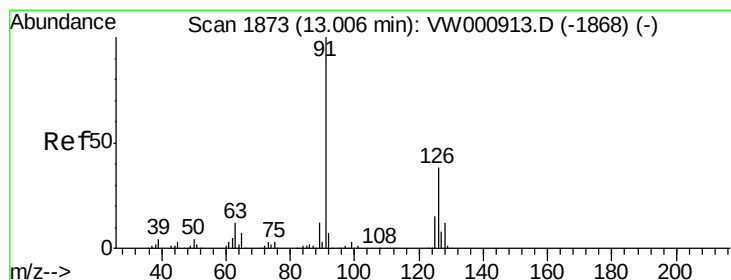
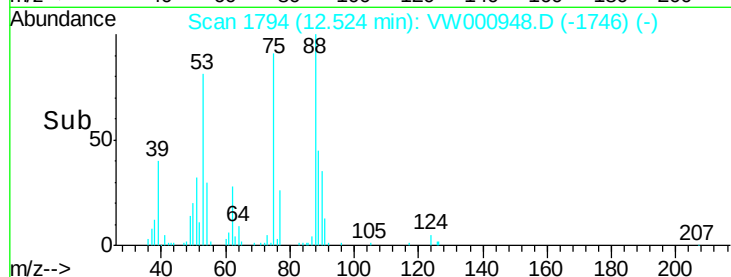
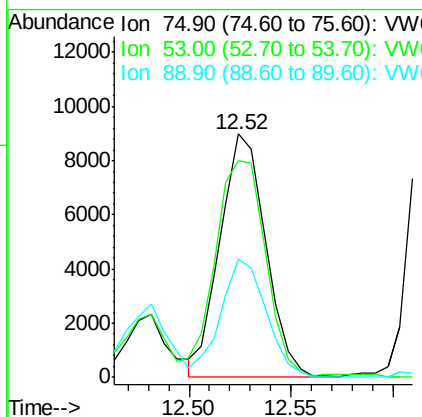
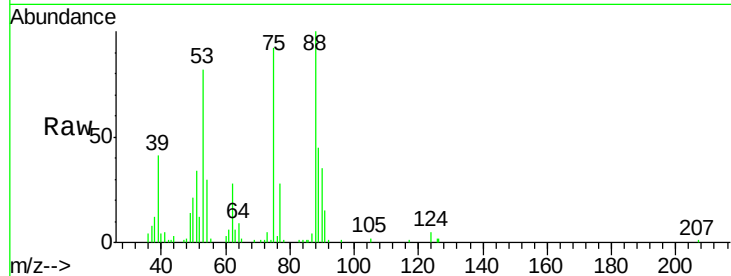
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.52 ug/l  
RT: 12.52 min Scan# 1794  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.8  | 77.5  | 116.3 |
| 89      | 48.5  | 38.2  | 57.4  |

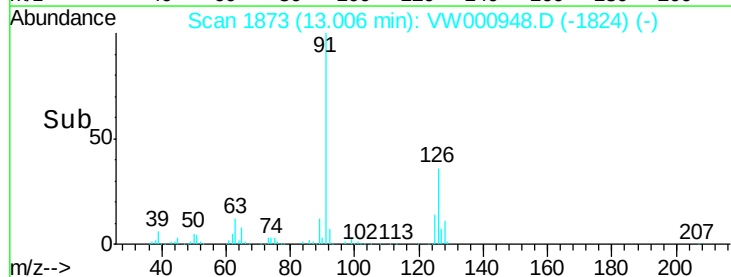
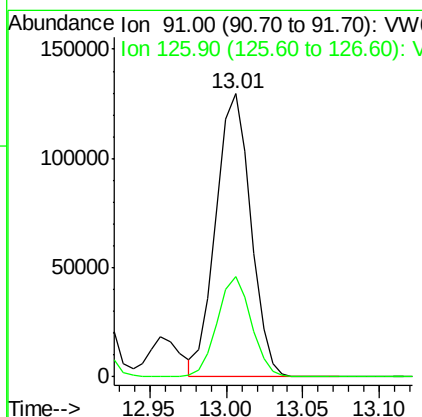
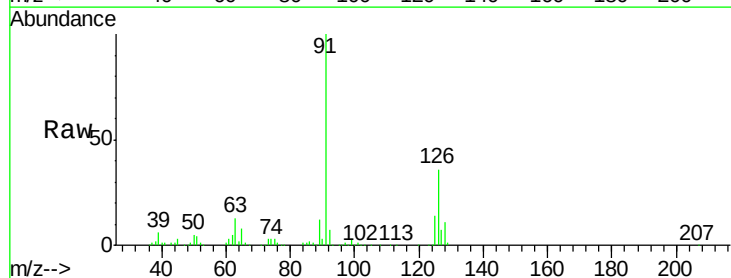
Manual Integrations  
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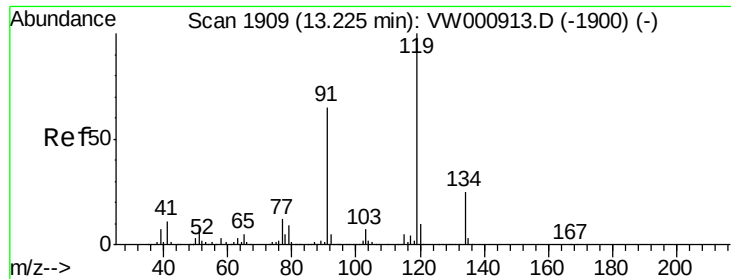
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#82  
4-Chlorotoluene  
Concen: 20.83 ug/l  
RT: 13.01 min Scan# 1873  
Delta R.T. 0.00 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.6  | 17.6  | 52.9  |





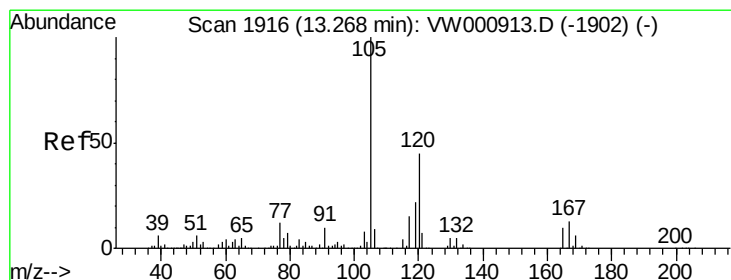
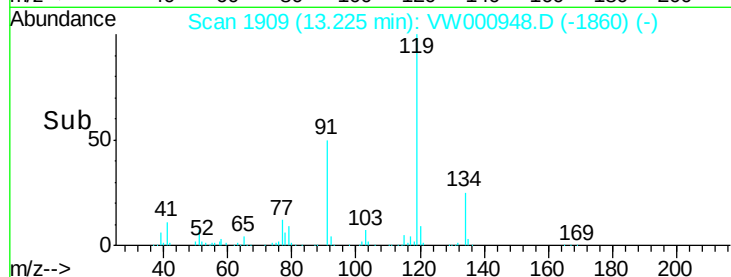
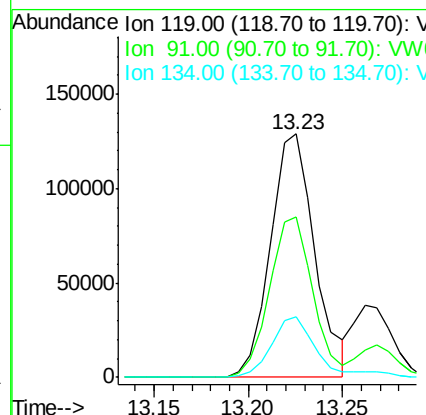
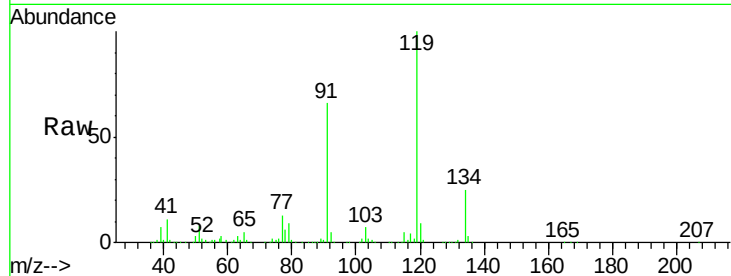
#83  
 tert-Butylbenzene  
 Concen: 20.58 ug/l  
 RT: 13.23 min Scan# 1909  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0124SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 210129 |       |       |
| 91      | 64.4  |        | 32.4  | 97.0  |
| 134     | 25.6  |        | 13.1  | 39.3  |

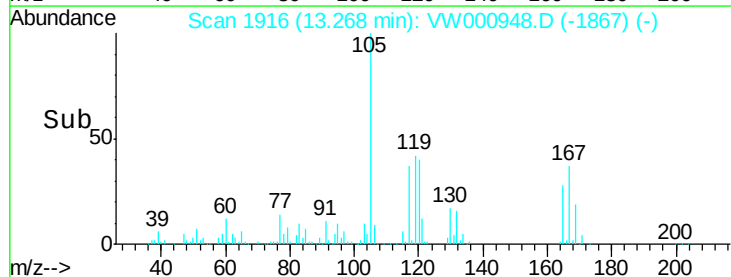
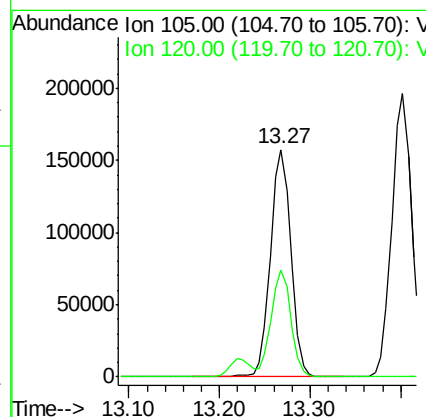
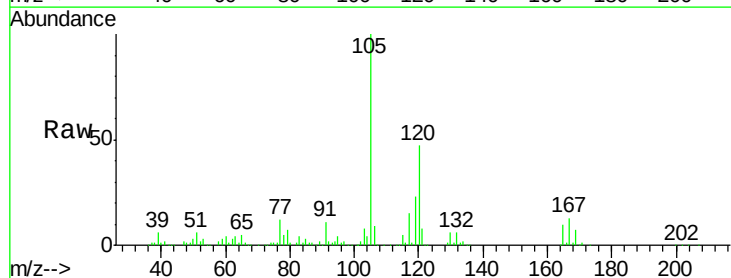
Manual Integrations  
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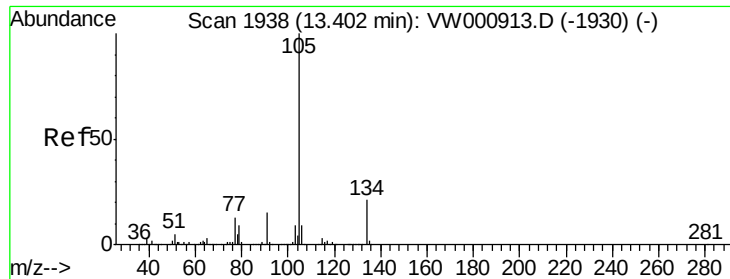
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 1/25/2018 1:33:58 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.93 ug/l  
 RT: 13.27 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 246662 |       |       |
| 120     | 45.8  |        | 22.4  | 67.0  |





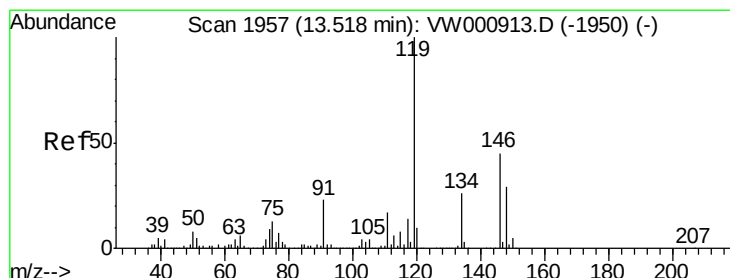
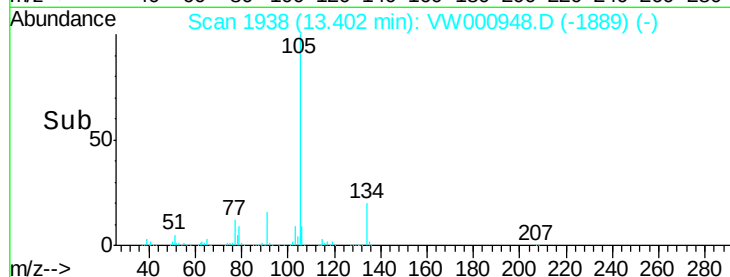
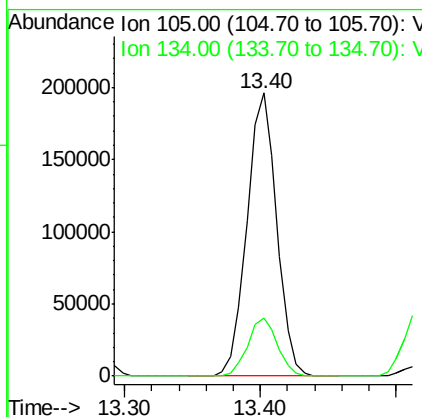
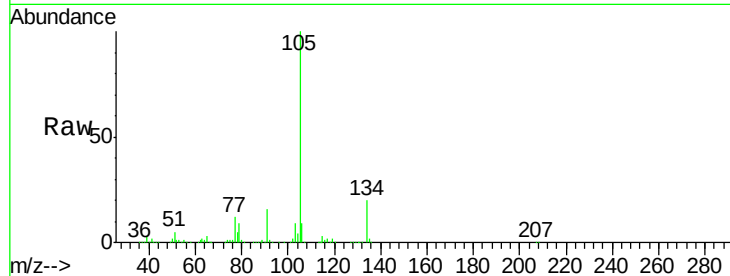
#85  
 sec-Butylbenzene  
 Concen: 20.35 ug/l  
 RT: 13.40 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.4  | 10.3  | 30.9  |

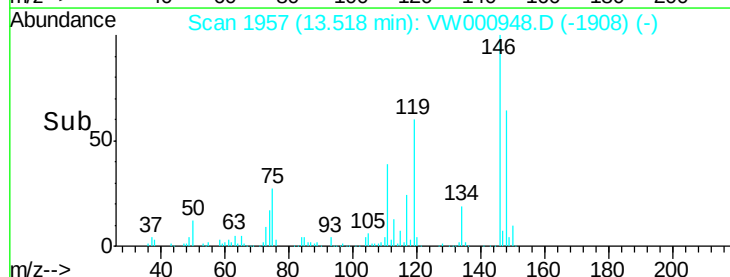
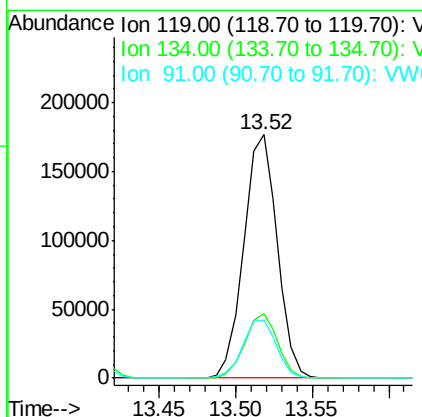
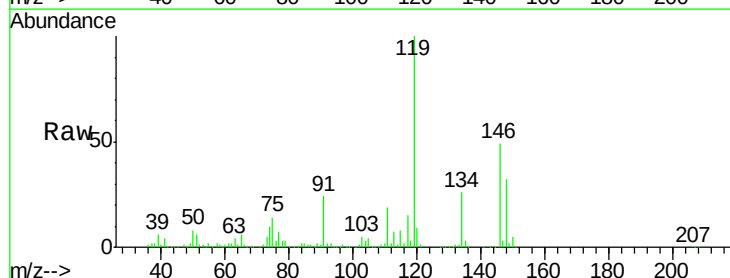
Manual Integrations  
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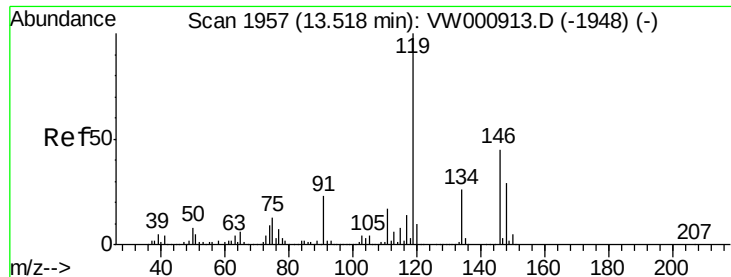


#86  
 p-Isopropyltoluene  
 Concen: 20.50 ug/l  
 RT: 13.52 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.0  | 13.2  | 39.6  |
| 91      | 23.9  | 11.7  | 35.0  |







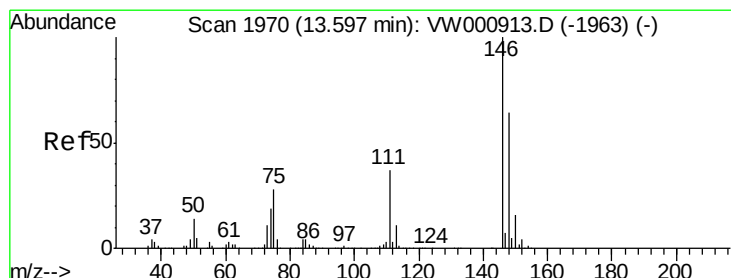
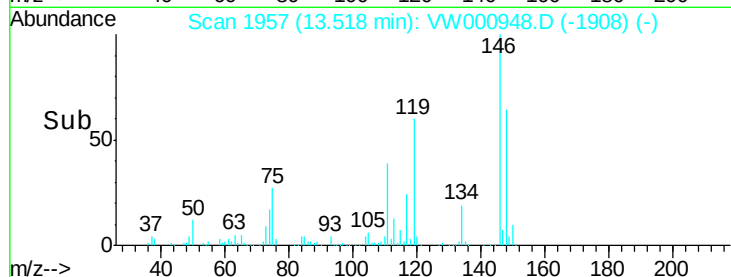
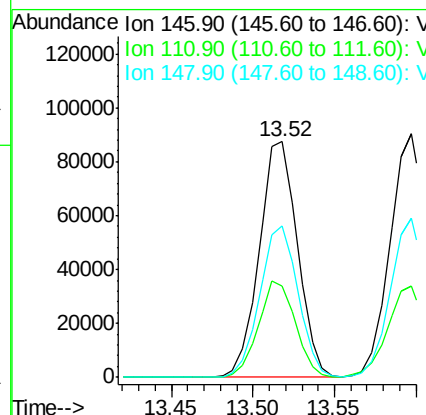
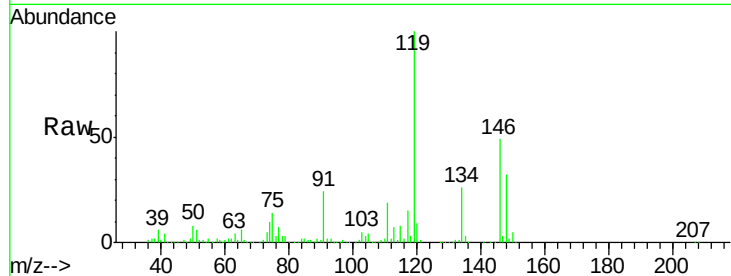
#87  
 1,3-Dichlorobenzene  
 Concen: 20.54 ug/l  
 RT: 13.52 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 19.7  | 59.0  |
| 148     | 64.3  | 32.4  | 97.0  |

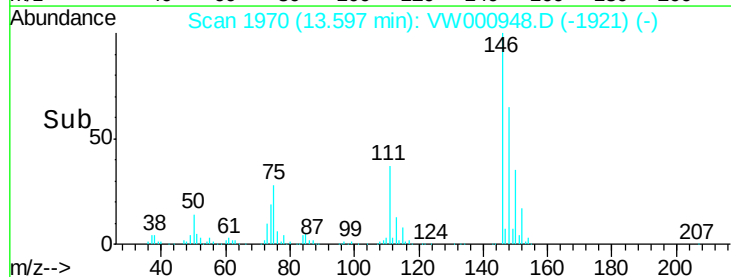
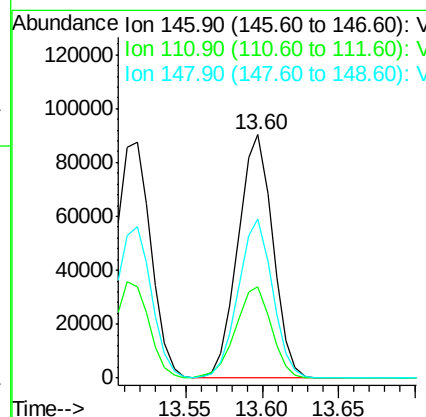
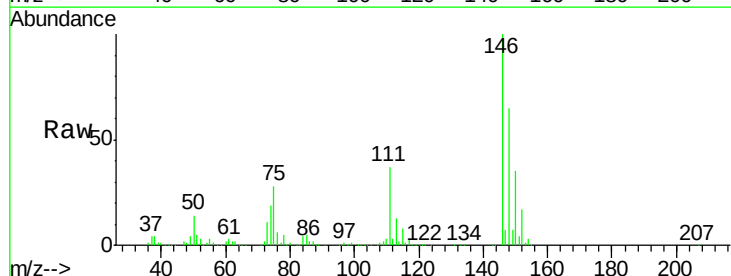
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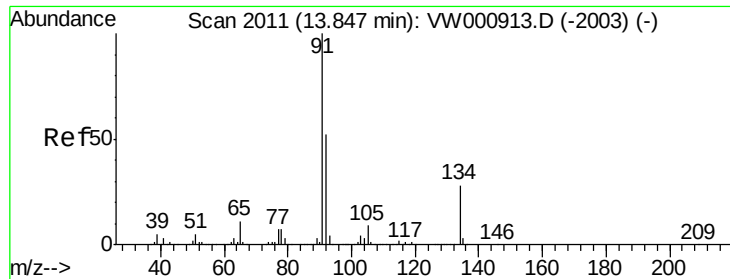
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.68 ug/l  
 RT: 13.60 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.0  | 57.0  |
| 148     | 64.4  | 32.4  | 97.2  |





#89

n-Butylbenzene

Concen: 20.29 ug/l

RT: 13.84 min Scan# 2010

Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

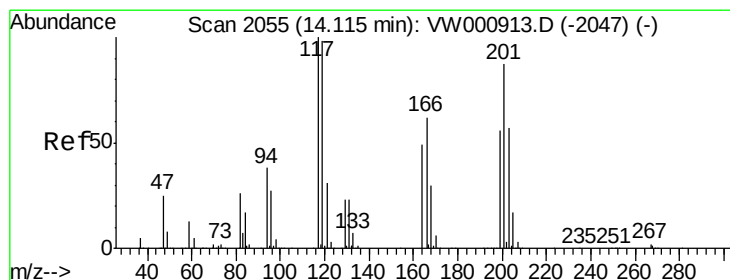
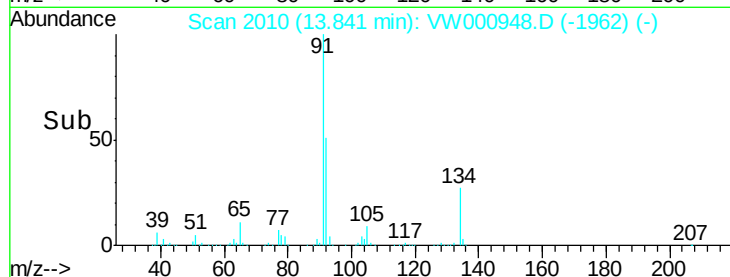
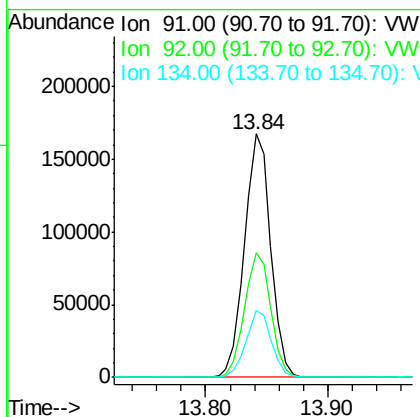
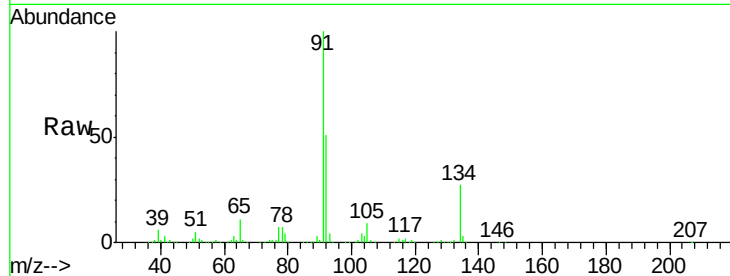
ClientSampleId :

VW0124SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 249047 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 51.3  | 26.2  | 78.6   |
| 134      | 26.8  | 13.7  | 41.1   |

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#90

Hexachloroethane

Concen: 19.76 ug/l

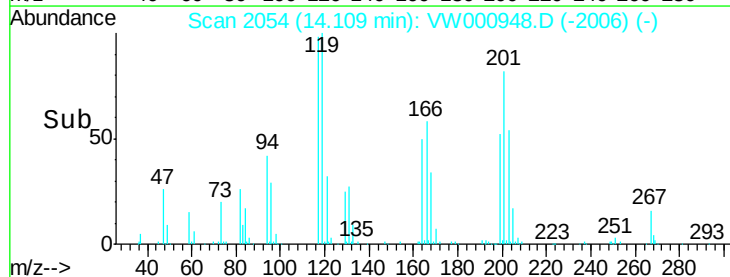
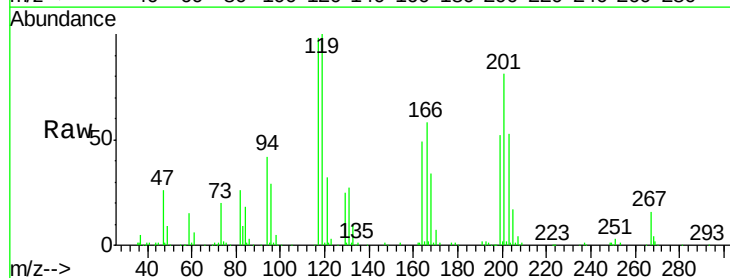
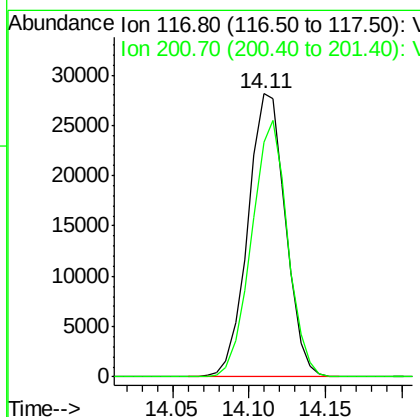
RT: 14.11 min Scan# 2054

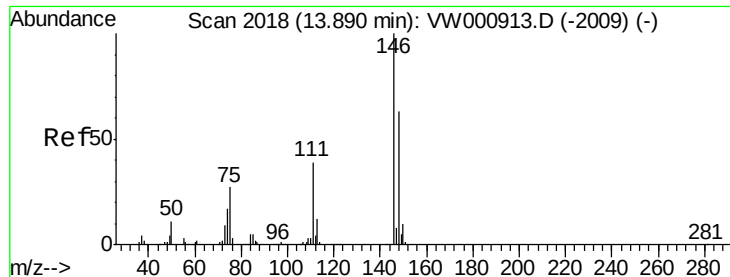
Delta R.T. -0.01 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 48005 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 87.1  | 42.8  | 128.3 |





#91

1,2-Dichlorobenzene

Concen: 21.01 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

Instrument :

MSVOA\_W

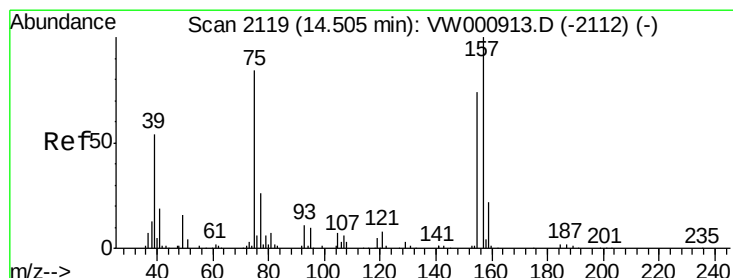
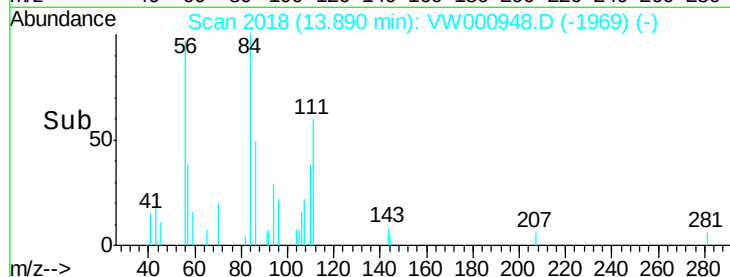
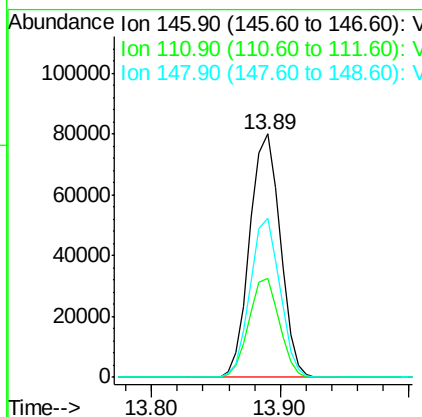
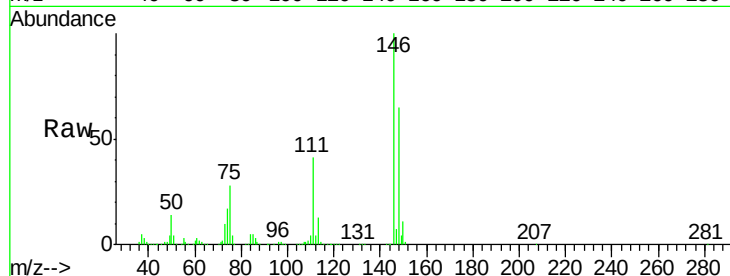
ClientSampled :

VW0124SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 130826 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.5  | 19.8  | 59.4   |
| 148       | 63.8  | 31.8  | 95.3   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.31 ug/l

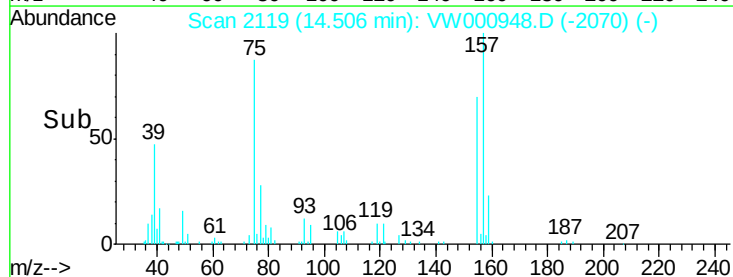
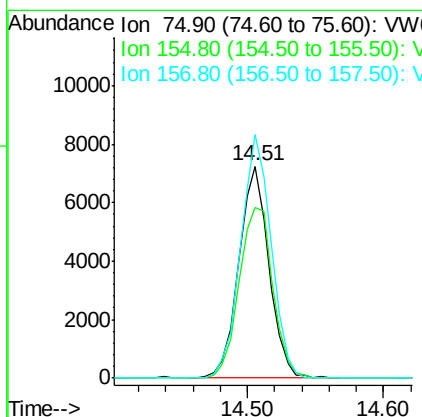
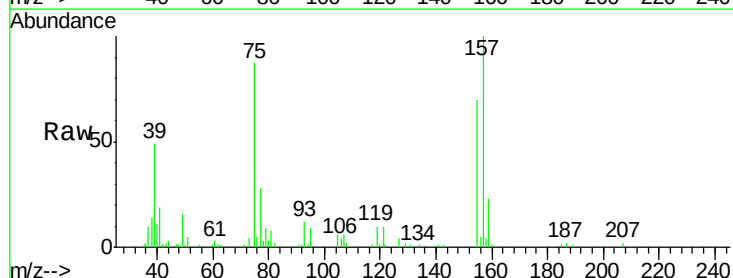
RT: 14.51 min Scan# 2119

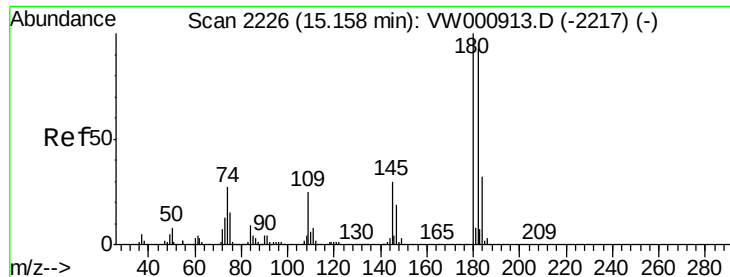
Delta R.T. 0.00 min

Lab File: VW000948.D

Acq: 24 Jan 2018 15:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 11183 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.9  | 45.9  | 137.6 |
| 157       | 116.0 | 59.8  | 179.3 |





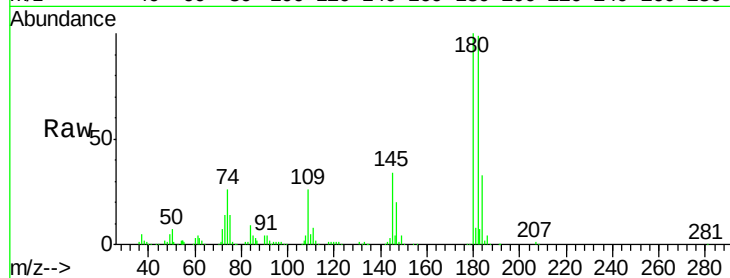
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.19 ug/l  
 RT: 15.16 min Scan# 2226  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0124SBS01

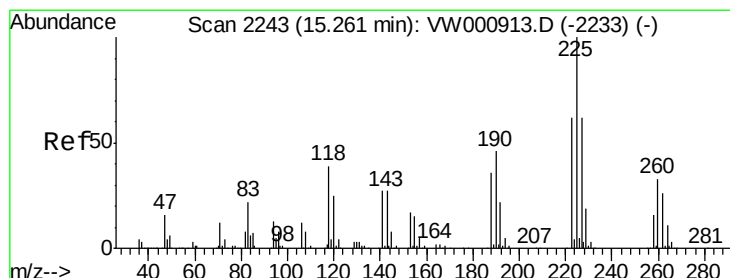
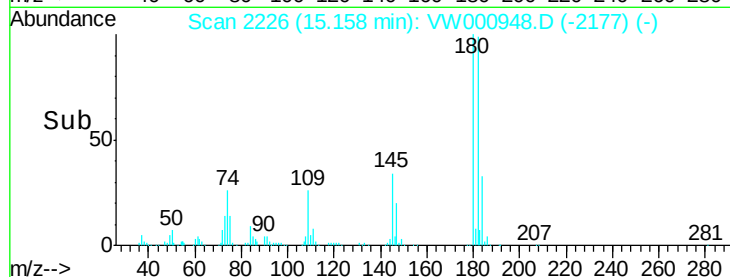
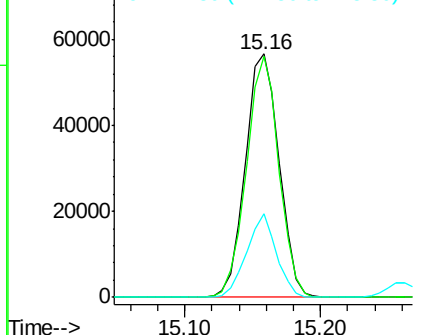
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.5  | 142.6 |
| 145     | 30.5  | 14.9  | 44.7  |

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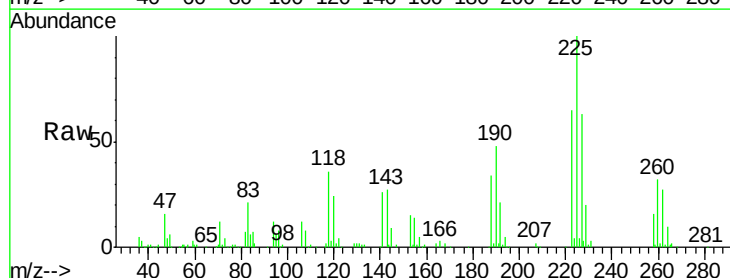


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

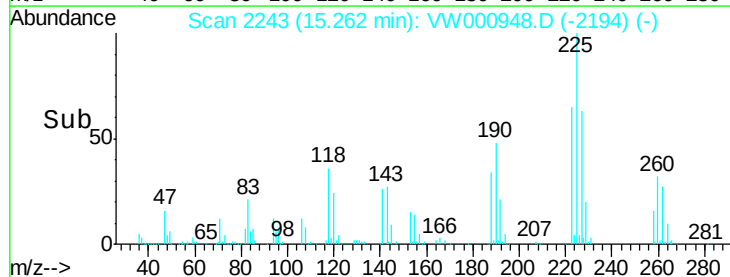
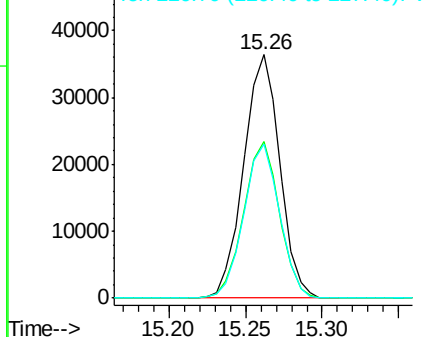


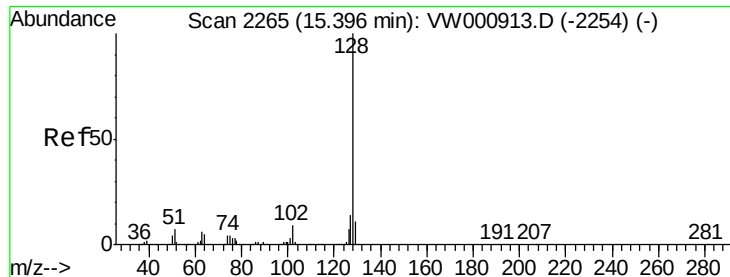
#94  
 Hexachlorobutadiene  
 Concen: 20.30 ug/l  
 RT: 15.26 min Scan# 2243  
 Delta R.T. 0.00 min  
 Lab File: VW000948.D  
 Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.3  | 93.8  |
| 227     | 63.0  | 31.8  | 95.3  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





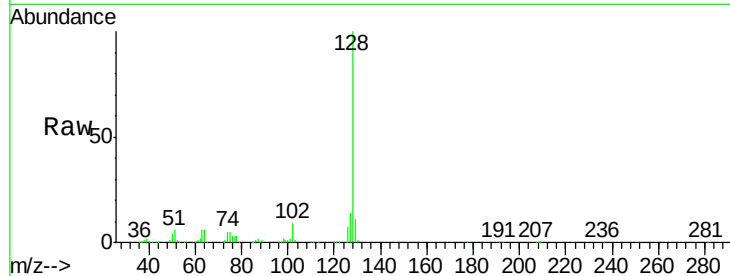
#95  
Naphthalene  
Concen: 19.47 ug/l  
RT: 15.39 min Scan# 2264  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.6  | 15.8  |
| 129     | 10.7  | 8.7   | 13.1  |

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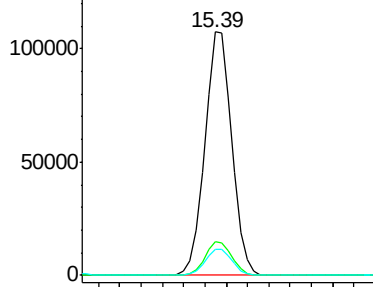


Abundance

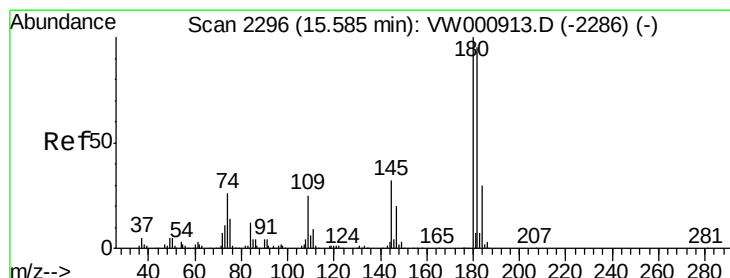
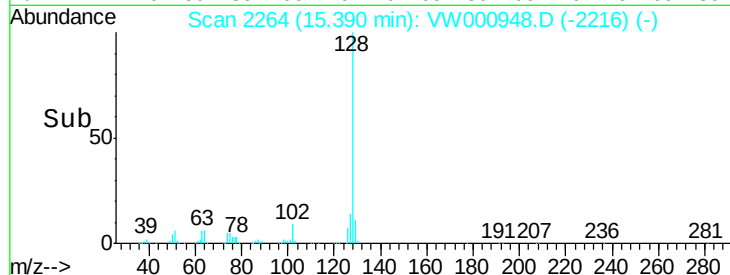
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

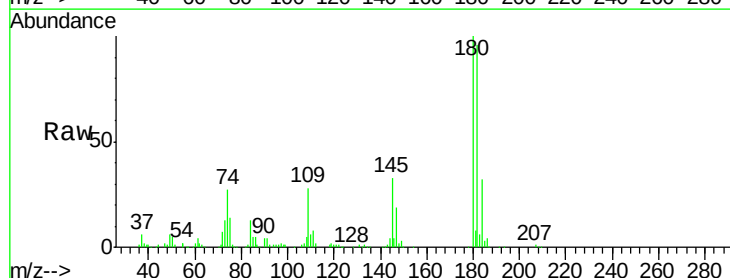


Time-->



#96  
1,2,3-Trichlorobenzene  
Concen: 21.44 ug/l  
RT: 15.58 min Scan# 2295  
Delta R.T. -0.01 min  
Lab File: VW000948.D  
Acq: 24 Jan 2018 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 47.4  | 142.3 |
| 145     | 31.7  | 15.8  | 47.3  |

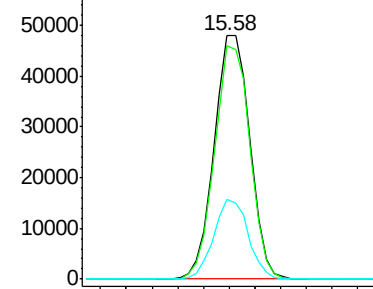


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

