

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\  
 Data File : VX001108.D  
 Acq On : 25 Apr 2018 05:32  
 Operator : JC/MD  
 Sample : J2463-12MSD 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 4:06:31 AM

Quant Time: Apr 25 08:38:24 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 20 05:03:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 250093   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 340208   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 330772   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 230818   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 160419   | 50.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.20% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 132169   | 50.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.90% |          |
| 50) Toluene-d8              | 8.73  | 98   | 480881   | 50.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.26% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 197128   | 48.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.94%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 170875   | 55.09   | ug/l   | 98     |
| 3) Chloromethane              | 1.32 | 50   | 153561   | 53.17   | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 15310251 | 5114.58 | ug/l # | 23     |
| 5) Bromomethane               | 1.64 | 94   | 83008    | 47.93   | ug/l   | 99     |
| 6) Chloroethane               | 1.73 | 64   | 91844    | 51.63   | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 240343   | 53.44   | ug/l   | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 86852    | 52.29   | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 134288   | 50.96   | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 104928   | 41.82   | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 153597   | 321.26  | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.38 | 96   | 128704   | 52.82   | ug/l   | 95     |
| 13) Acrolein                  | 2.30 | 56   | 69443    | 456.75  | ug/l   | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 204452   | 46.36   | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53   | 363152   | 280.65  | ug/l   | 100    |
| 16) Acetone                   | 2.45 | 43   | 595981   | 499.24  | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 325174   | 46.82   | ug/l   | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 232671   | 64.41   | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 439026   | 53.59   | ug/l   | 98     |
| 20) Methylene Chloride        | 2.86 | 84   | 143882   | 57.41   | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 146544   | 54.02   | ug/l   | 99     |
| 22) Diisopropyl ether         | 3.88 | 45   | 458028   | 53.66   | ug/l   | 99     |
| 23) Vinyl Acetate             | 3.83 | 43   | 1862958  | 263.60  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 241666   | 50.47   | ug/l   | 99     |
| 25) 2-Butanone                | 4.71 | 43   | 755249   | 405.28  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 80855    | 19.63   | ug/l # | 1      |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 1246659  | 412.58  | ug/l   | 89     |
| 28) Bromochloromethane        | 5.03 | 49   | 100815   | 54.75   | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 337848   | 286.89  | ug/l   | 100    |
| 30) Chloroform                | 5.23 | 83   | 263996   | 53.24   | ug/l   | 98     |
| 31) Cyclohexane               | 5.58 | 56   | 223518   | 50.01   | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97   | 233236   | 52.46   | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 193276   | 48.34   | ug/l   | 100    |
| 37) Ethyl Acetate             | 4.87 | 43   | 202434   | 55.20   | ug/l # | 81     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 207705   | 51.31   | ug/l   | 100    |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\  
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 Sample : J2463-12MSD 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 4:06:31 AM

Quant Time: Apr 25 08:38:24 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 20 05:03:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 233536   | 50.19   | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 598790   | 53.87   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.07  | 41   | 120114   | 52.45   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 223298   | 52.34   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 342134   | 54.38   | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 167148   | 49.22   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 146146   | 52.29   | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 102340   | 52.41   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.91  | 83   | 191658   | 52.98   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 184183   | 54.37   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 59906    | 1202.50 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 3622369  | 948.23  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 2101042  | 289.62  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 196720   | 45.47   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 190245   | 46.63   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 163648   | 56.75   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 234088   | 55.27   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 249303   | 52.19   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 240193   | 116.21  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.51  | 43   | 860190   | 294.18  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 168357   | 55.59   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 164976   | 54.22   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 166547   | 47.41   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.15 | 112  | 748388   | 84.97   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 163043   | 53.93   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 1036807  | 70.89   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 848473   | 147.18  | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 438394   | 78.88   | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 486484   | 53.15   | ug/l   | 94       |
| 71) Bromoform                  | 10.87 | 173  | 138594   | 49.28   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 793320   | 52.57   | ug/l   | 99       |
| 74) N-amyl acetate             | 6.48  | 43   | 342134   | 53.00   | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 237819   | 55.67   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 215189m  | 53.73   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 220648   | 50.37   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.37 | 91   | 900306   | 51.97   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 539340   | 52.69   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 774957   | 60.58   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 43343    | 34.30   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 632804   | 51.16   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 666444   | 51.65   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 987147   | 74.99   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 795714   | 51.66   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 731453   | 51.33   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 449118   | 54.77   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 520732   | 61.87   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.40 | 91   | 633135   | 49.94   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 111913   | 55.43   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 1165715  | 146.84  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 53742    | 60.05   | ug/l   | 97       |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\  
Data File : VX001108.D  
Acq On : 25 Apr 2018 05:32  
Operator : JC/MD  
Sample : J2463-12MSD 10X  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Manual Integrations  
APPROVED

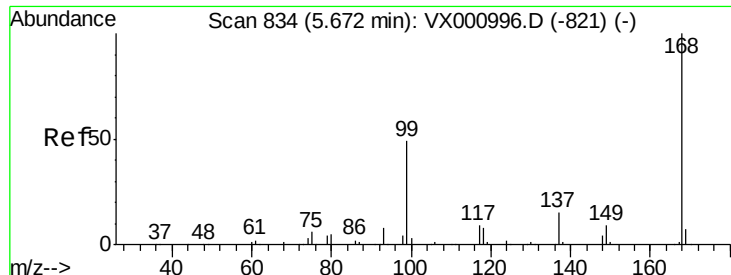
Sohil  
4/26/2018 4:06:31 AM

Quant Time: Apr 25 08:38:24 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 20 05:03:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 322117   | 48.34 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 156955   | 52.05 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 1172860  | 71.56 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 325362   | 50.48 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion:168 Resp: 250093

Ion Ratio Lower Upper

168 100

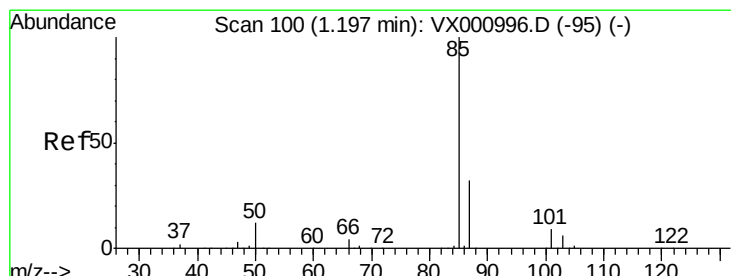
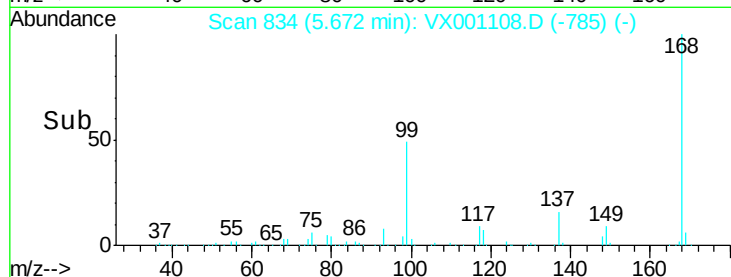
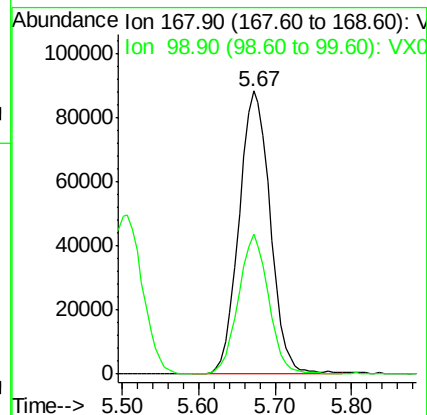
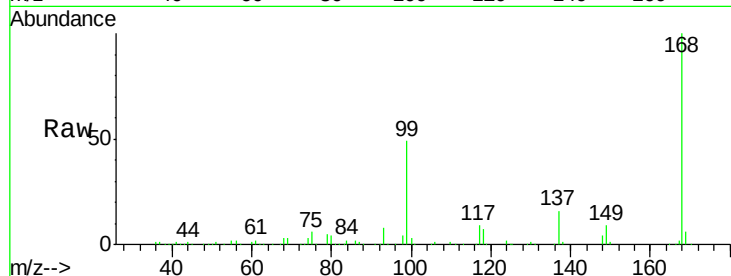
99 49.1 39.2 58.8

Manual Integrations

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4/26/2018 4:06:31 AM



#2

Dichlorodifluoromethane

Concen: 55.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001108.D

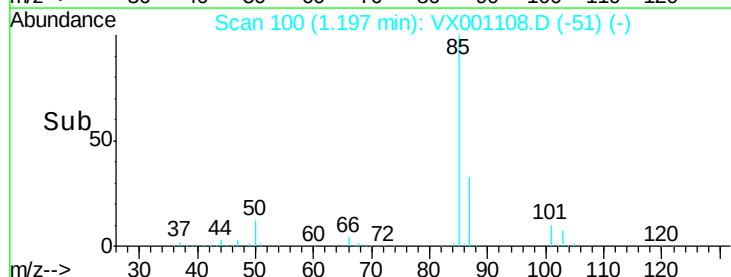
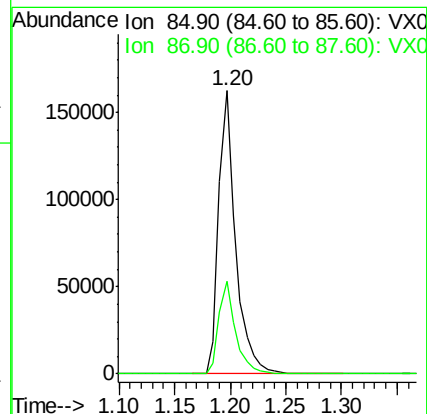
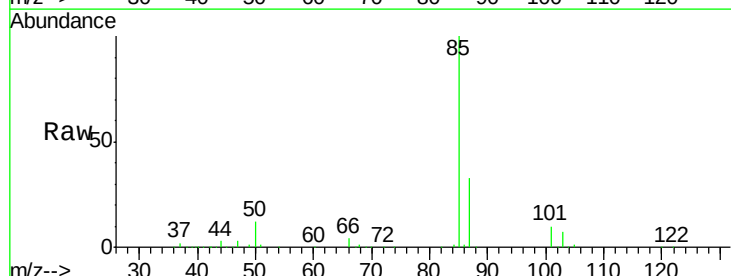
Acq: 25 Apr 2018 05:32

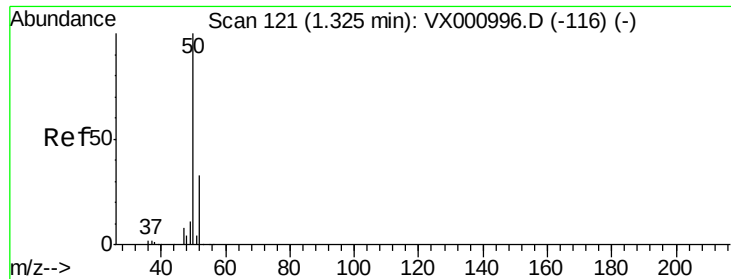
Tgt Ion: 85 Resp: 170875

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4





#3

Chloromethane

Concen: 53.17 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 50 Resp: 153561

Ion Ratio Lower Upper

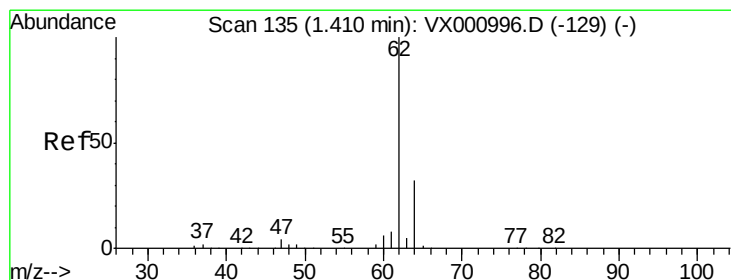
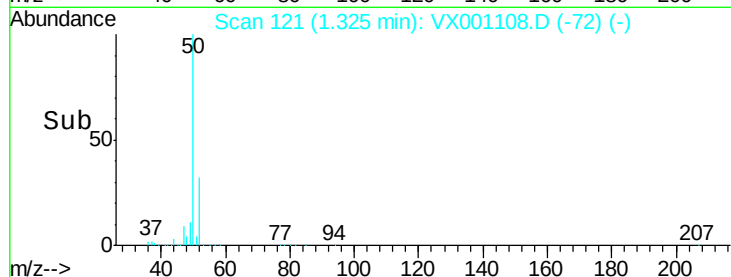
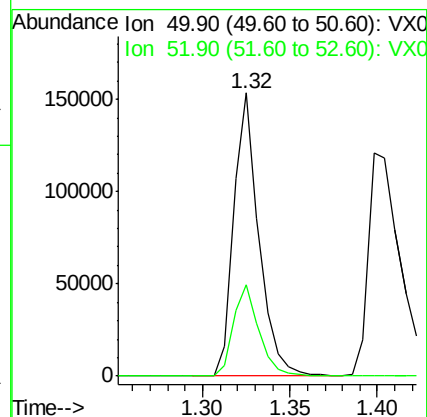
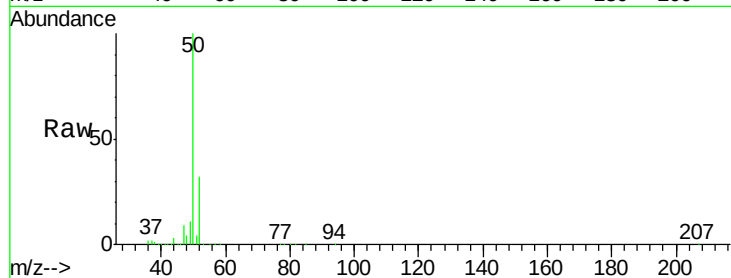
50 100

52 32.3 26.3 39.5

Manual Integrations  
APPROVED

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4/26/2018 4:06:31 AM



#4

Vinyl Chloride

Concen: 5114.58 ug/l

RT: 1.40 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX001108.D

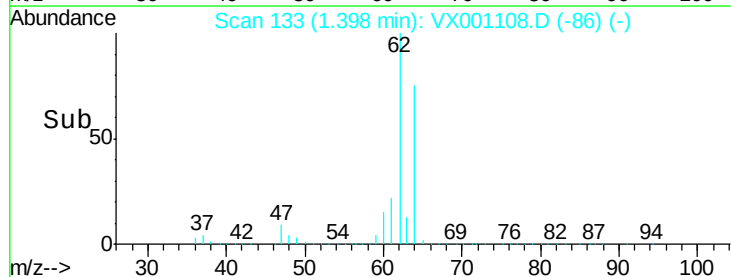
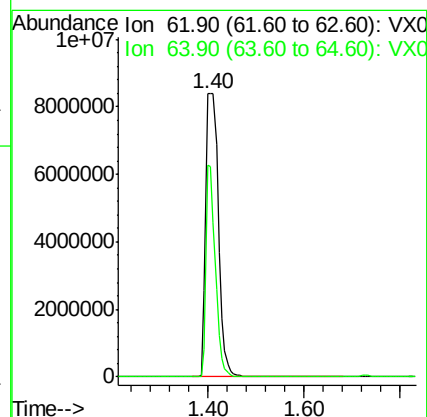
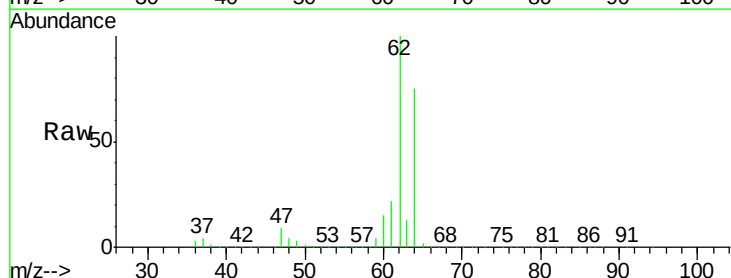
Acq: 25 Apr 2018 05:32

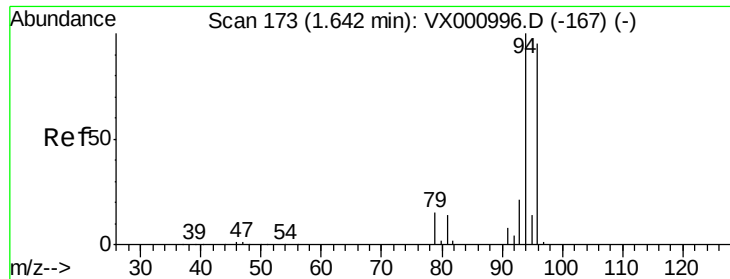
Tgt Ion: 62 Resp: 15310251

Ion Ratio Lower Upper

62 100

64 74.9 25.6 38.4#





#5

Bromomethane

Concen: 47.93 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 94 Resp: 83008

Ion Ratio Lower Upper

94 100

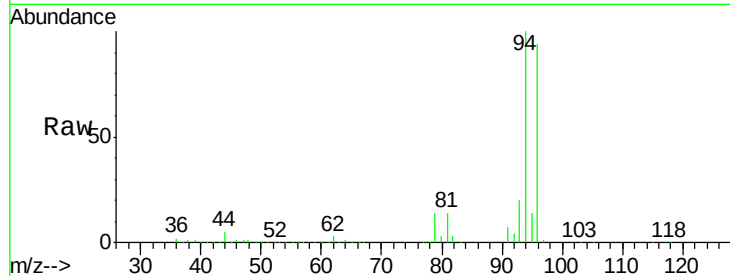
96 93.6 76.0 114.0

Manual Integrations

APPROVED

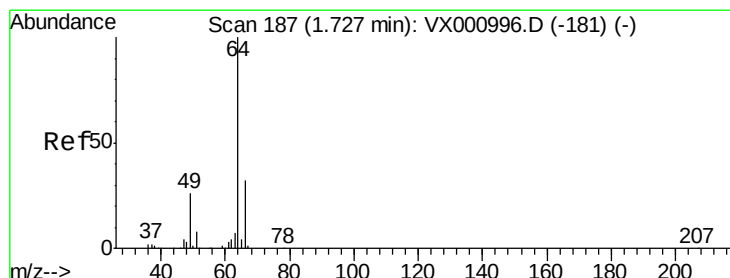
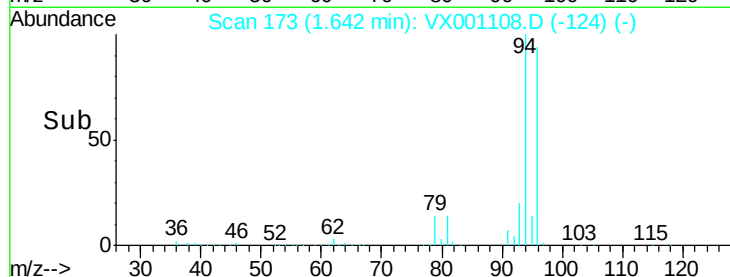
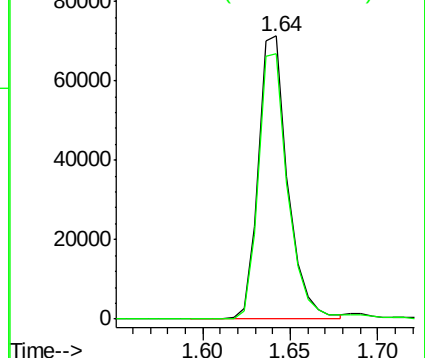
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4/26/2018 4:06:31 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.63 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001108.D

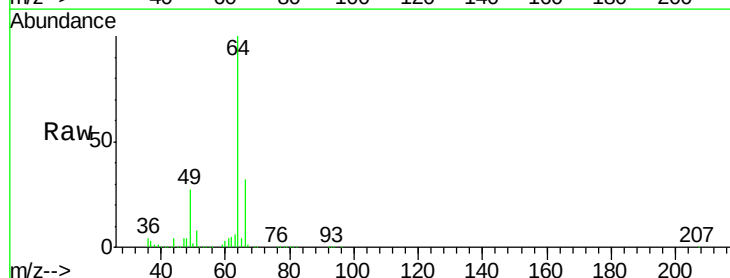
Acq: 25 Apr 2018 05:32

Tgt Ion: 64 Resp: 91844

Ion Ratio Lower Upper

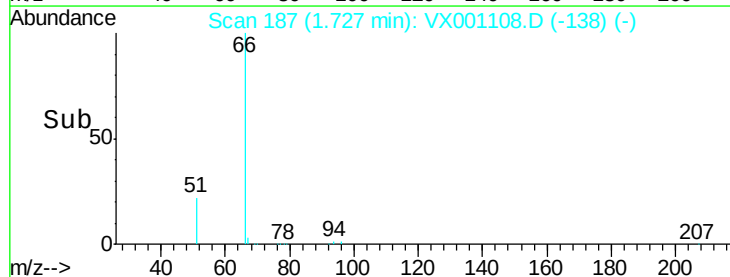
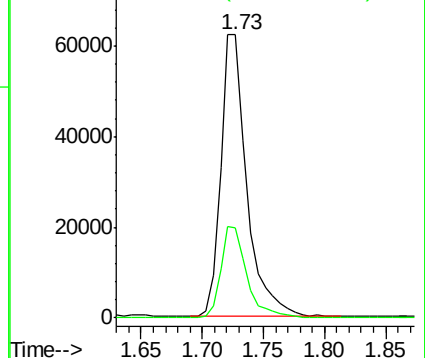
64 100

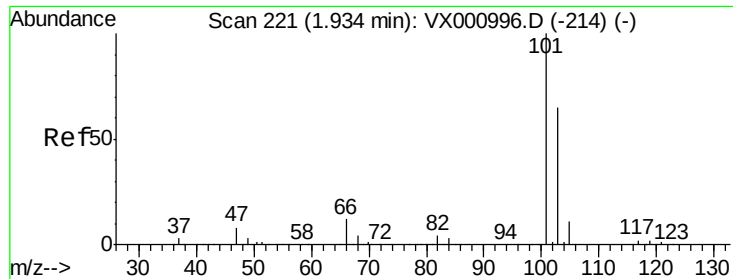
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

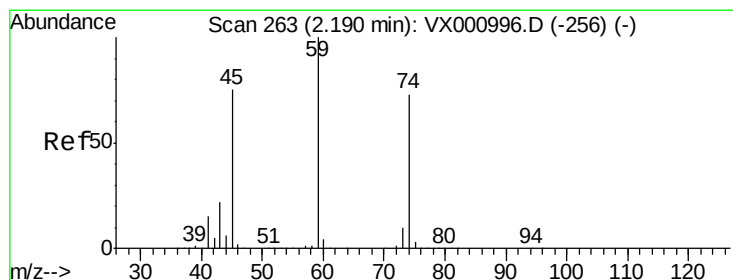
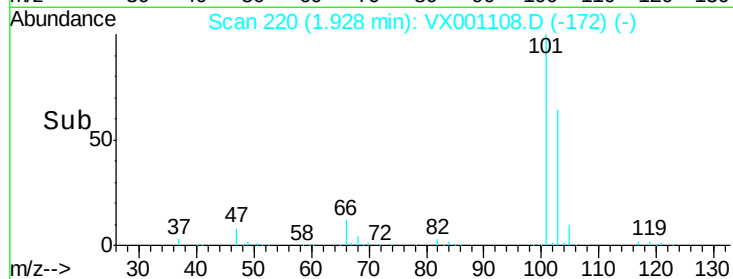
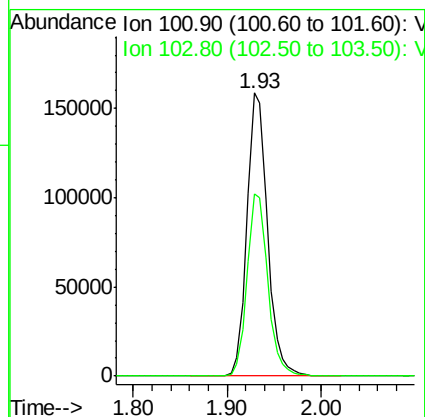
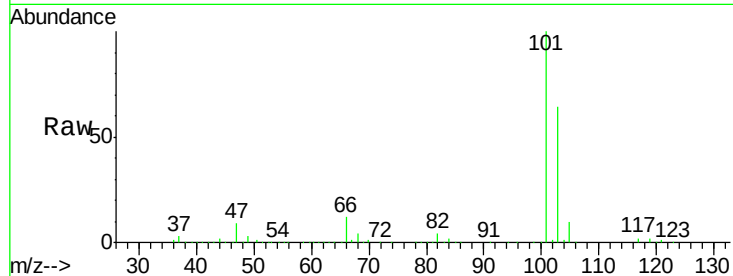
Trichlorofluoromethane  
 Concen: 53.44 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

Tot Ion:101 Resp: 240343  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.8 77.8

Manual Integrations  
 APPROVED

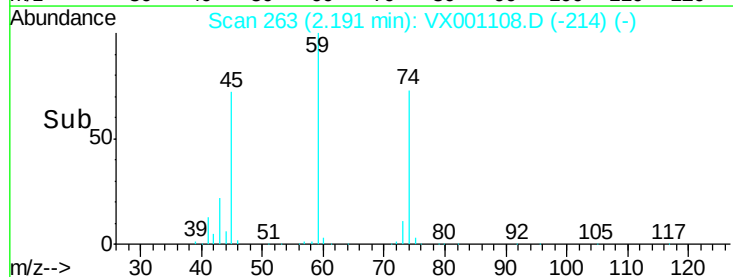
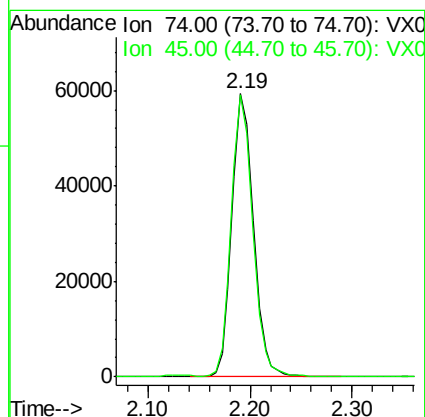
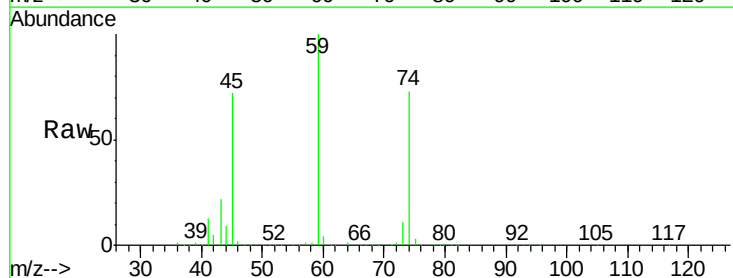
Sohil  
 4/26/2018 4:06:31 AM



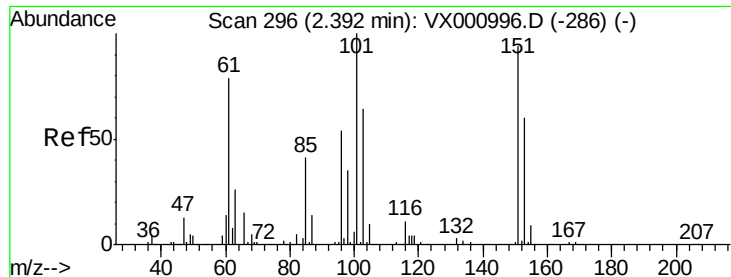
#8

Diethyl Ether  
 Concen: 52.29 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Tgt Ion: 74 Resp: 86852  
 Ion Ratio Lower Upper  
 74 100  
 45 99.0 49.0 147.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

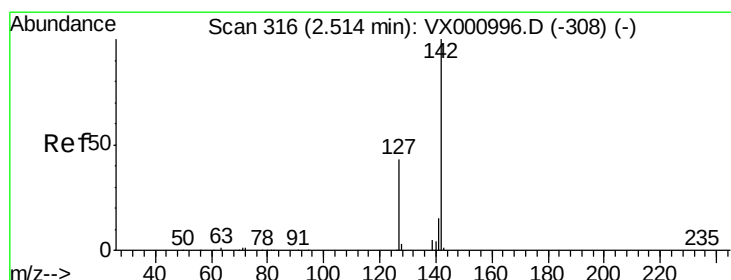
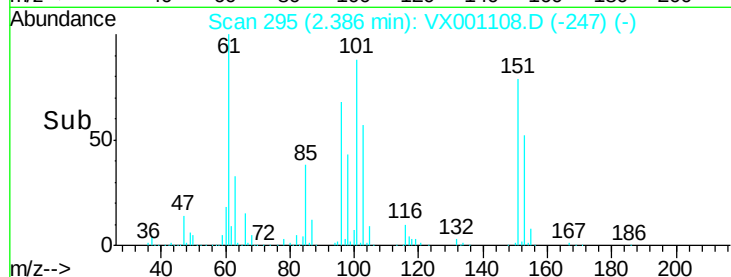
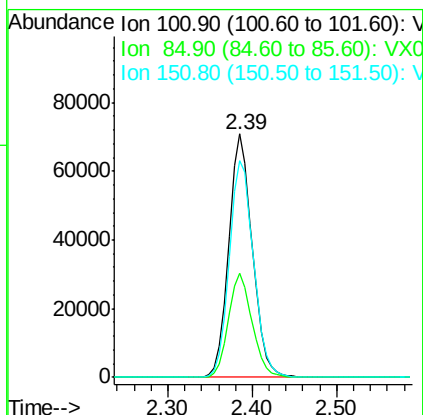
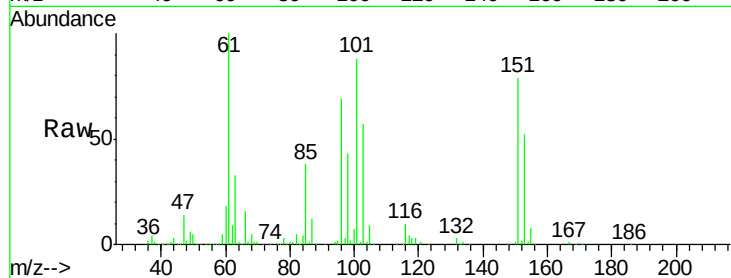
ClientSampleId :

LF001MW001-180418MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 134288 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.3  | 33.9  | 50.9   |
| 151       | 91.7  | 73.5  | 110.3  |

Manual Integrations  
APPROVED

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4/26/2018 4:06:31 AM



#10

Methyl Iodide

Concen: 41.82 ug/l

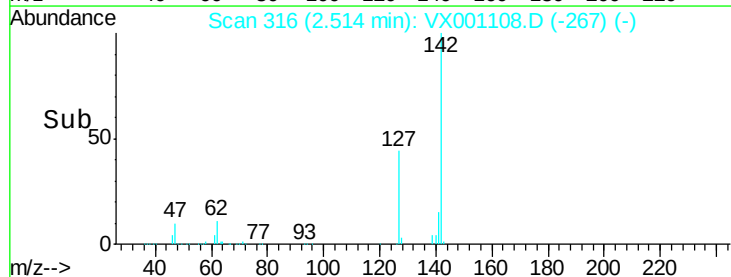
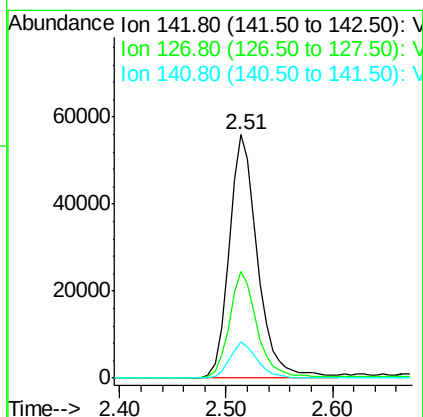
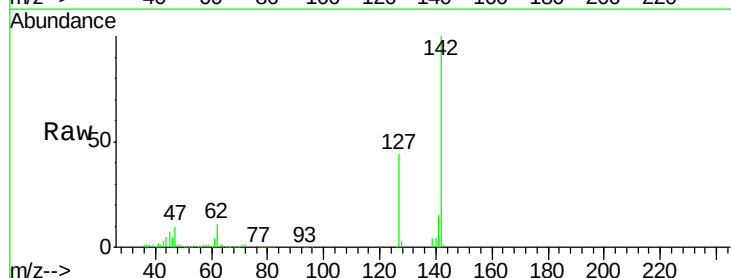
RT: 2.51 min Scan# 316

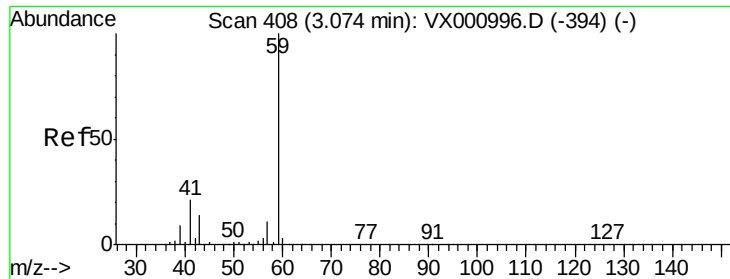
Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 104928 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.0  | 34.0  | 51.0   |
| 141       | 14.4  | 11.4  | 17.2   |





#11

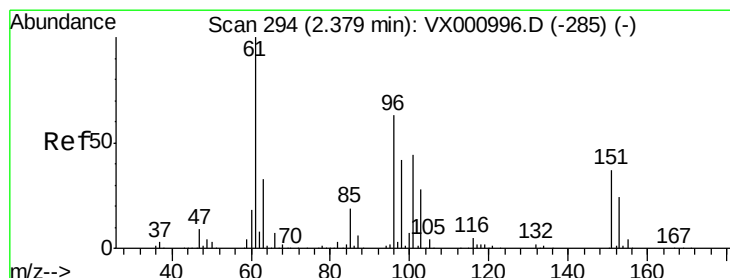
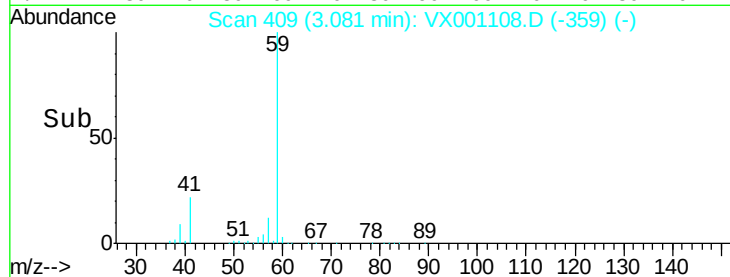
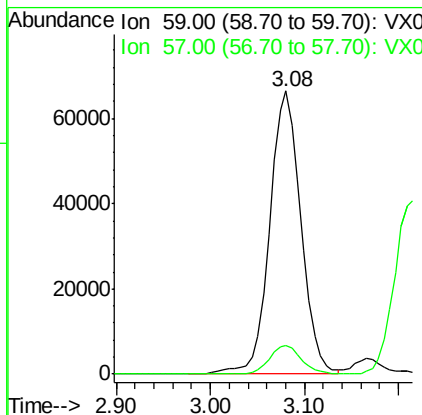
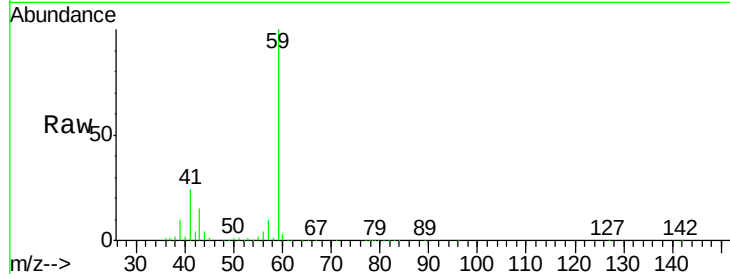
Tert butyl alcohol  
Concen: 321.26 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. 0.01 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.3   | 12.5  |

Manual Integrations  
APPROVED

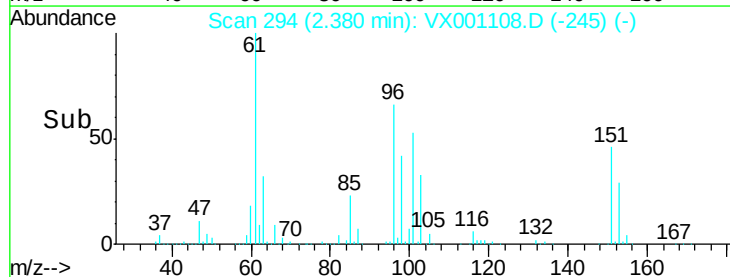
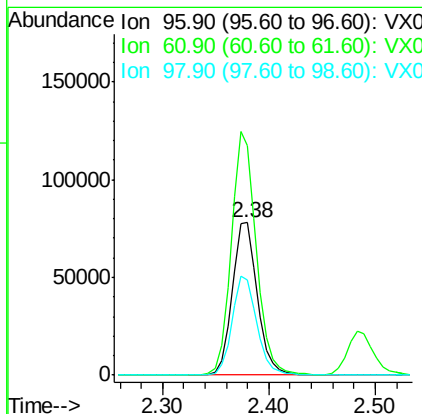
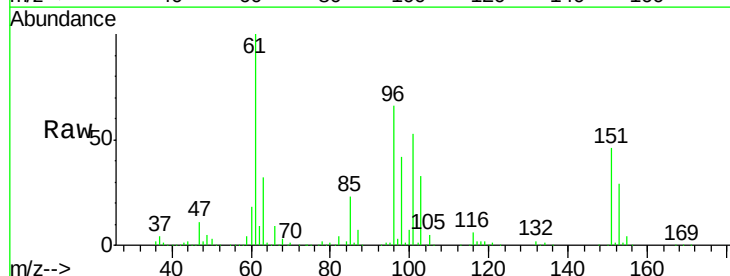
Sohil  
4/26/2018 4:06:31 AM

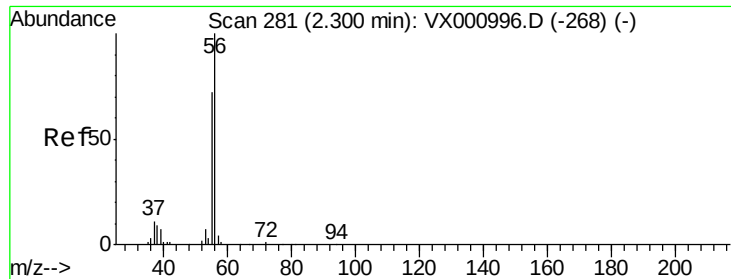


#12

1,1-Dichloroethene  
Concen: 52.82 ug/l  
RT: 2.38 min Scan# 294  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.6 | 126.4 | 189.6 |
| 98      | 62.8  | 52.6  | 78.8  |





#13

Acrolein

Concen: 456.75 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 56 Resp: 69443

Ion Ratio Lower Upper

56 100

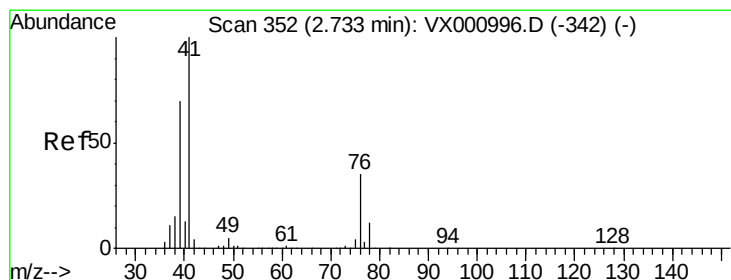
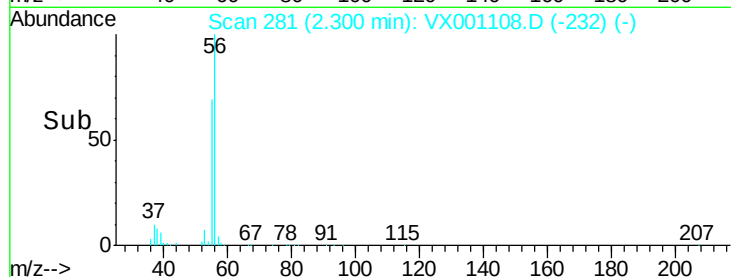
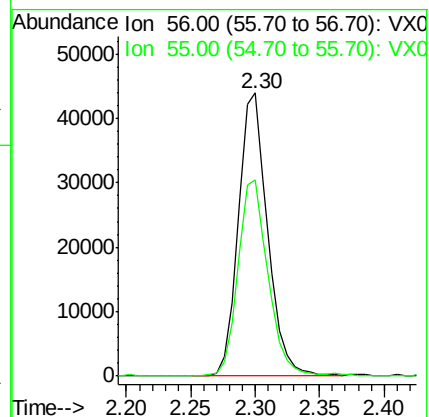
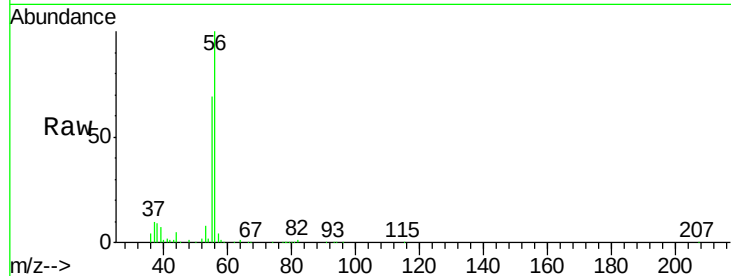
55 70.9 57.4 86.2

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 46.36 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

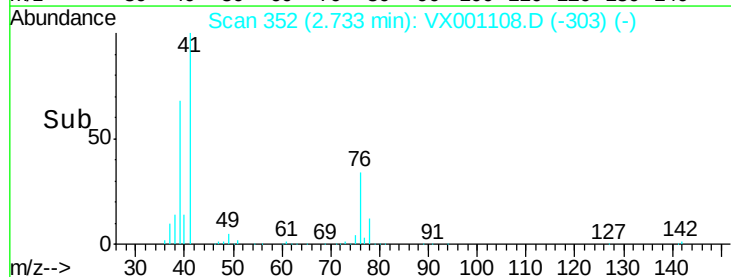
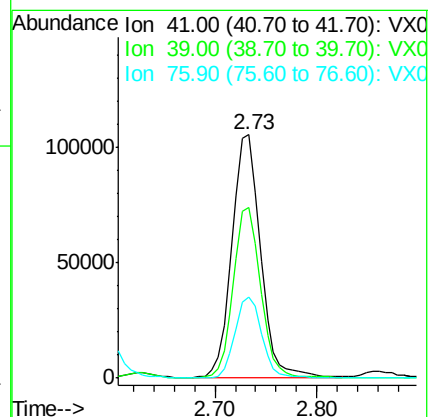
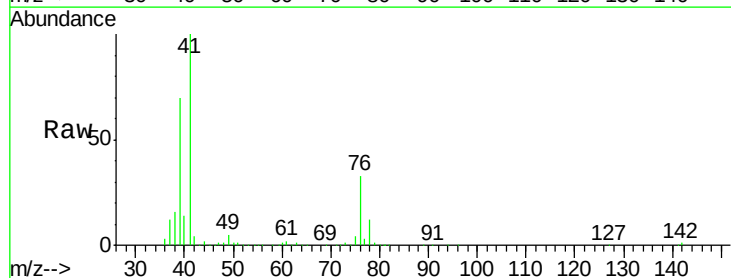
Tgt Ion: 41 Resp: 204452

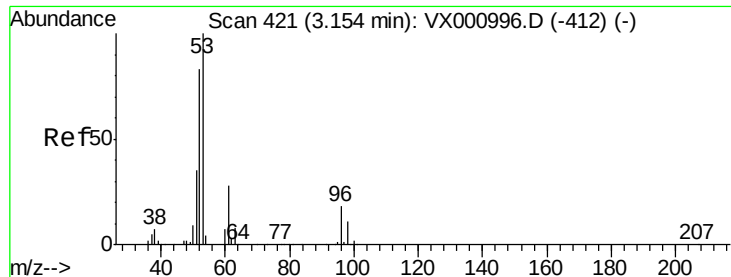
Ion Ratio Lower Upper

41 100

39 66.4 53.0 79.6

76 31.0 25.9 38.9





#15

Acrylonitrile

Concen: 280.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

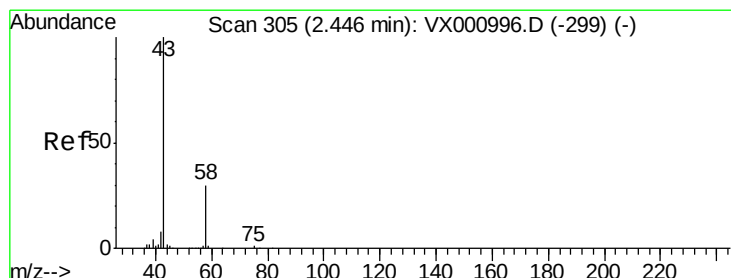
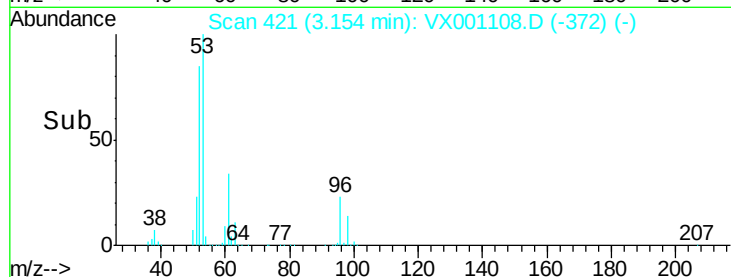
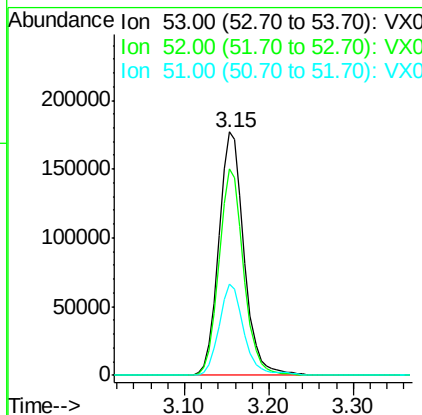
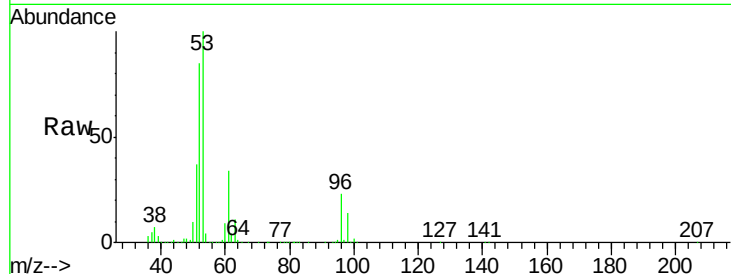
ClientSampleId :

LF001MW001-180418MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 363152 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.2 | 66.4  | 99.6   |
| 51        | 36.9 | 29.0  | 43.6   |

Manual Integrations  
APPROVED

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#16

Acetone

Concen: 499.24 ug/l

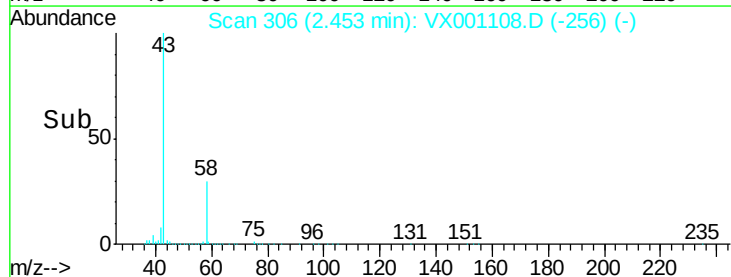
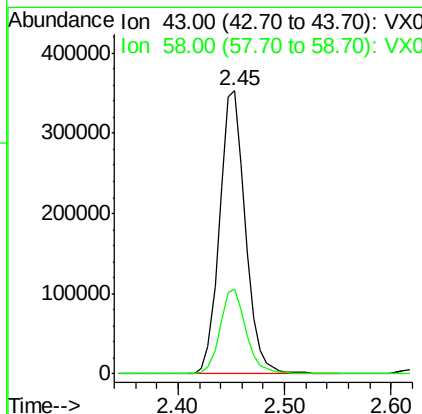
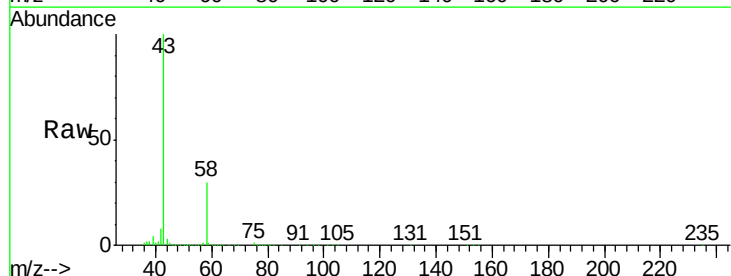
RT: 2.45 min Scan# 306

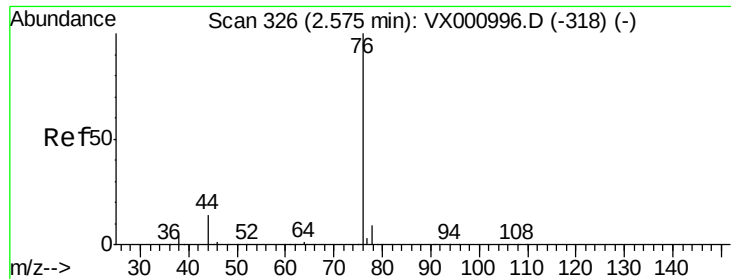
Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 595981 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.0 | 23.7  | 35.5   |





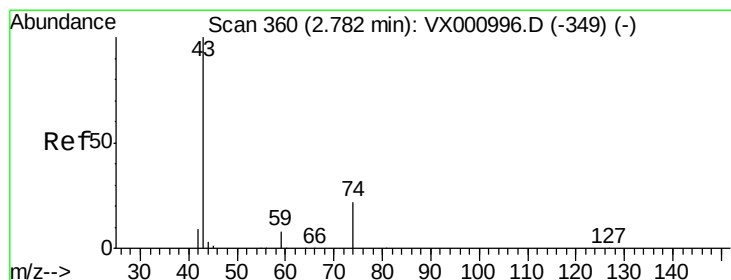
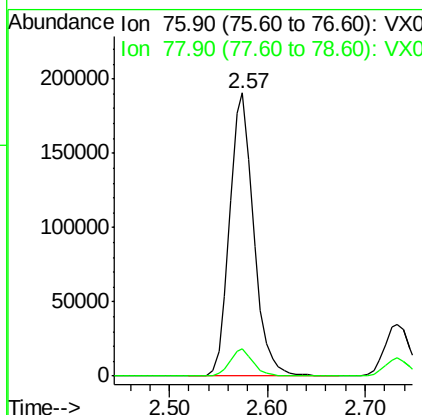
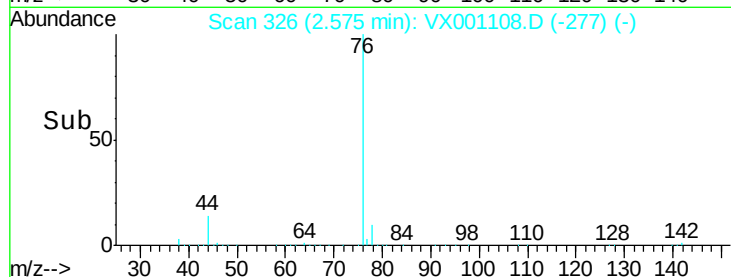
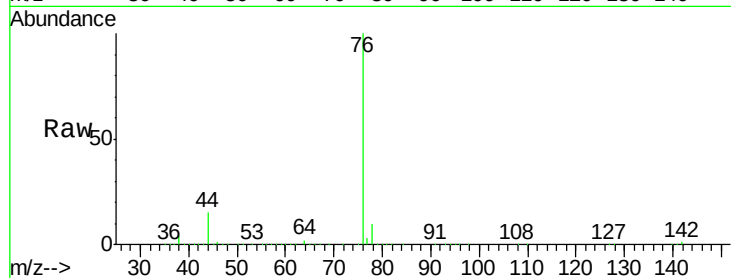
#17  
Carbon Disulfide  
Concen: 46.82 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 7.3   | 10.9  |

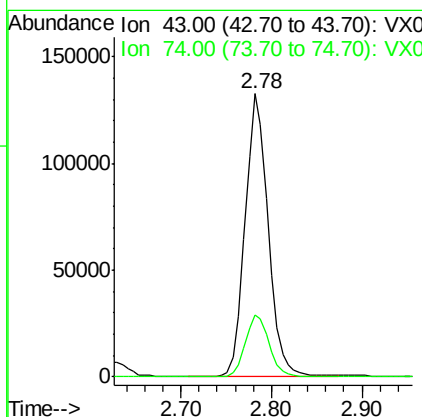
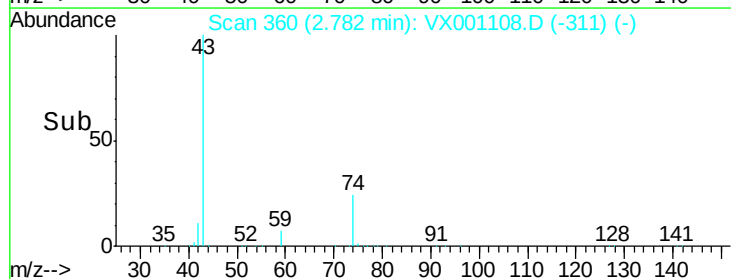
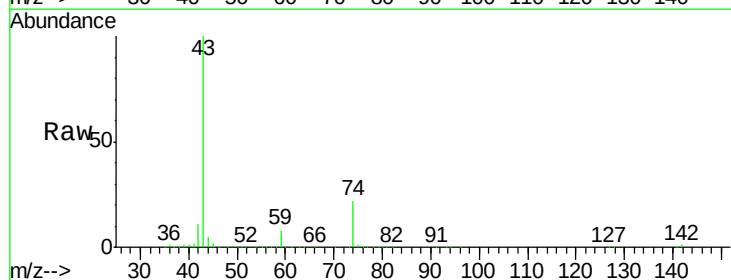
Manual Integrations  
APPROVED

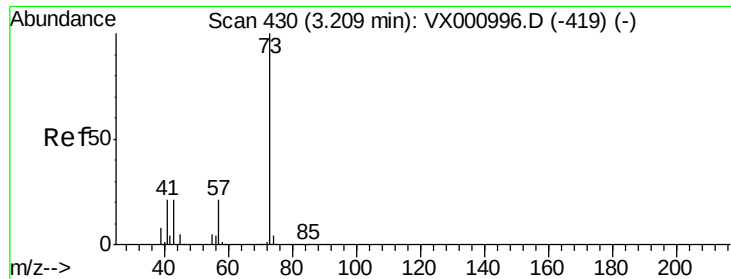
Sohil  
4/26/2018 4:06:31 AM



#18  
Methyl Acetate  
Concen: 64.41 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 18.3  | 27.5  |





#19

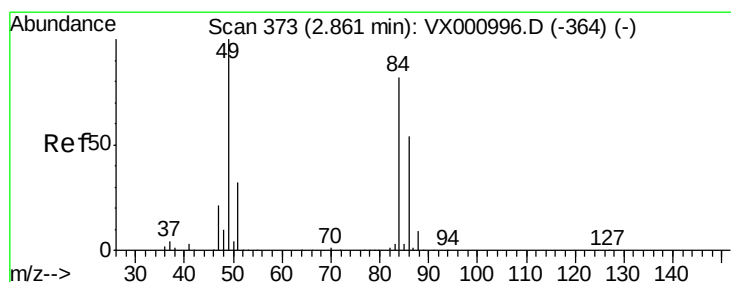
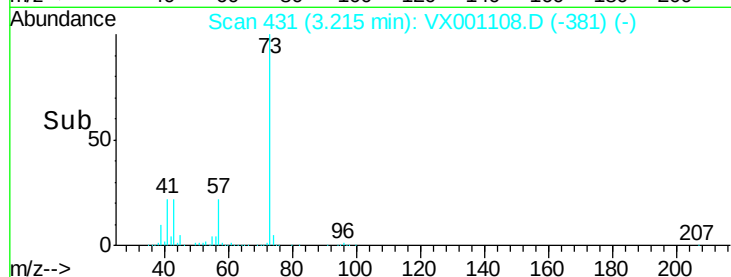
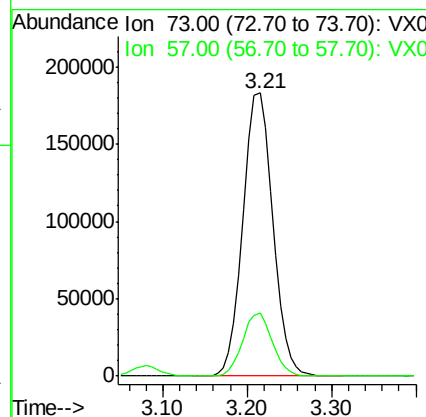
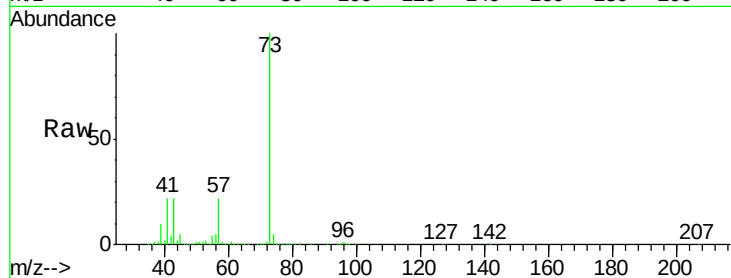
Methyl tert-butyl Ether  
 Concen: 53.59 ug/l  
 RT: 3.21 min Scan# 431  
 Delta R.T. 0.01 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.2  | 17.1  | 25.7  |

Manual Integrations  
 APPROVED

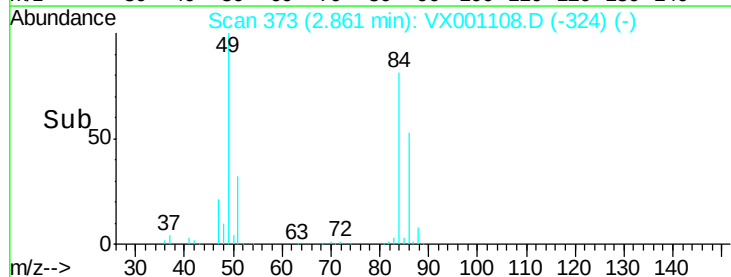
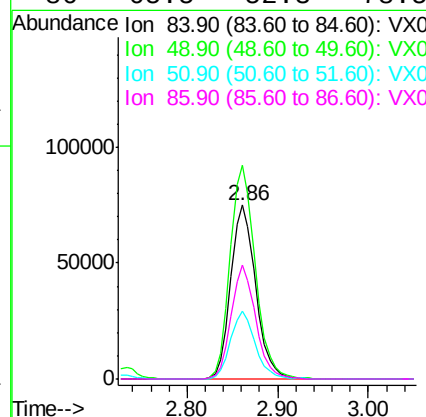
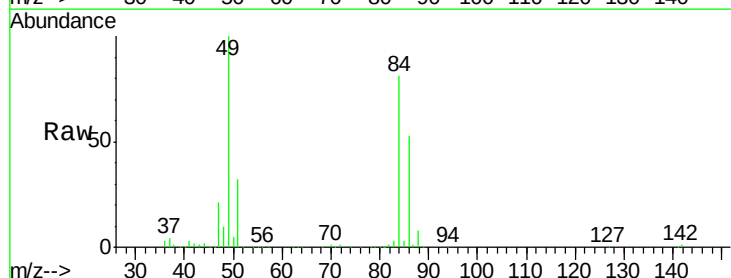
Sohil  
 4/26/2018 4:06:31 AM

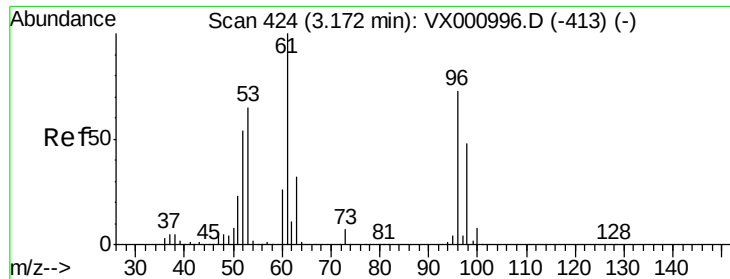


#20

Methylene Chloride  
 Concen: 57.41 ug/l  
 RT: 2.86 min Scan# 373  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.9 | 97.1  | 145.7 |
| 51      | 38.7  | 30.8  | 46.2  |
| 86      | 65.5  | 52.3  | 78.5  |





#21

trans-1,2-Dichloroethene

Concen: 54.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

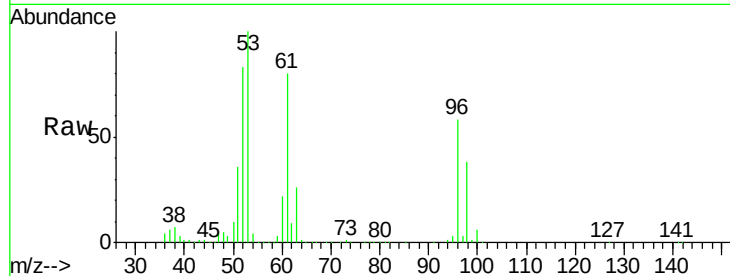
ClientSampleId :

LF001MW001-180418MSD

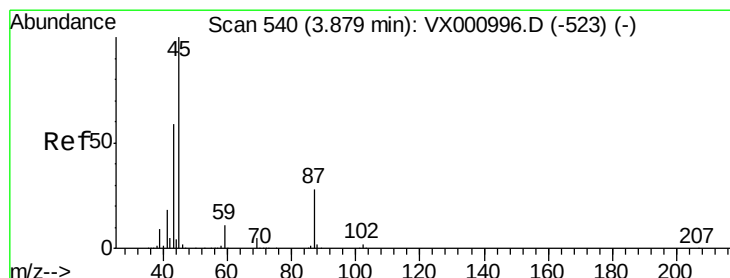
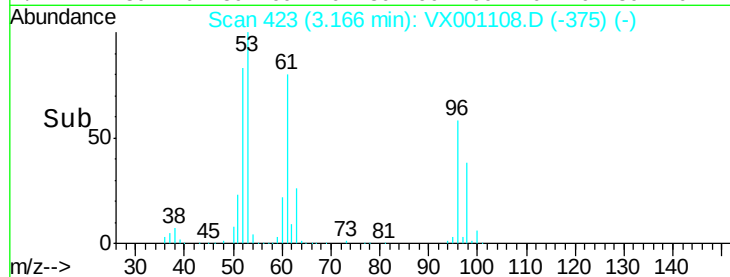
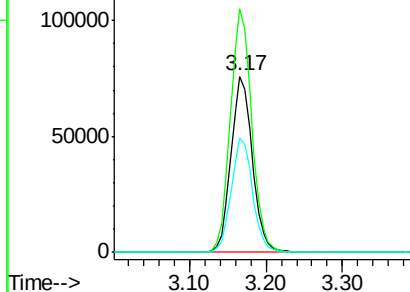
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 146544 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 138.2 | 109.4 | 164.2  |
| 98       | 64.9  | 52.6  | 78.8   |

Manual Integrations  
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Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.66 ug/l

RT: 3.88 min Scan# 540

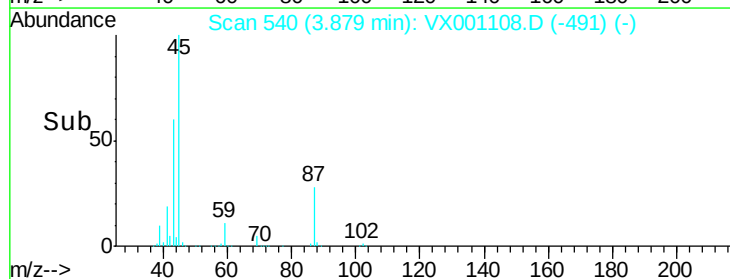
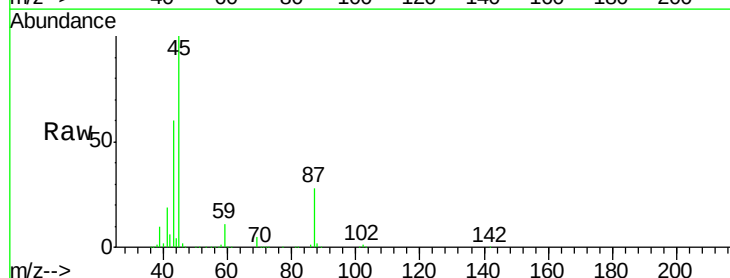
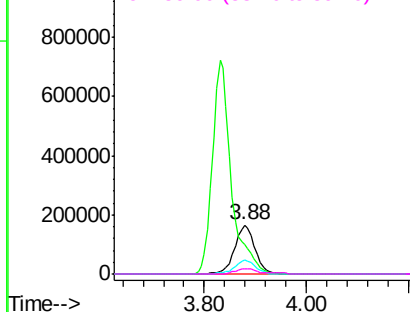
Delta R.T. 0.00 min

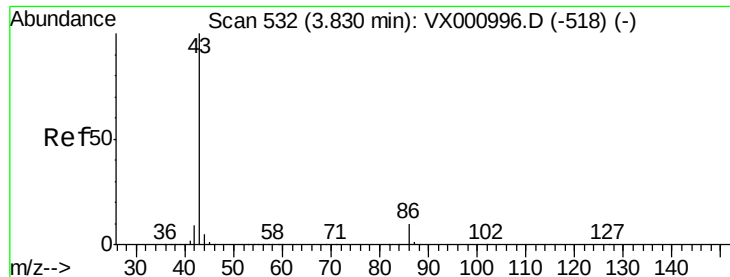
Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 458028 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.4  | 47.0  | 70.4   |
| 87       | 27.9  | 22.5  | 33.7   |
| 59       | 11.4  | 8.8   | 13.2   |

Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 43 Resp: 1862958

Ion Ratio Lower Upper

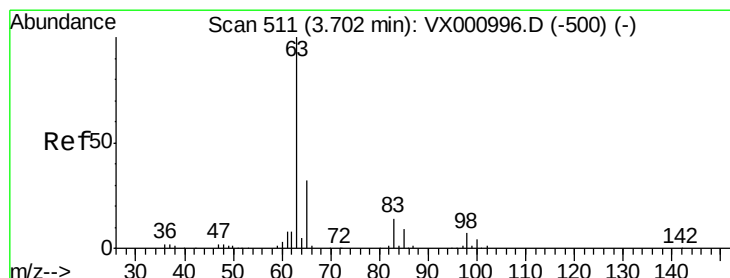
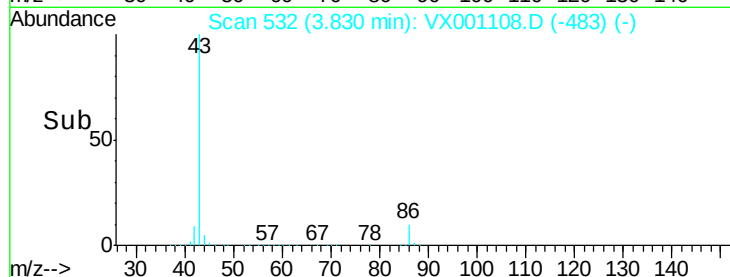
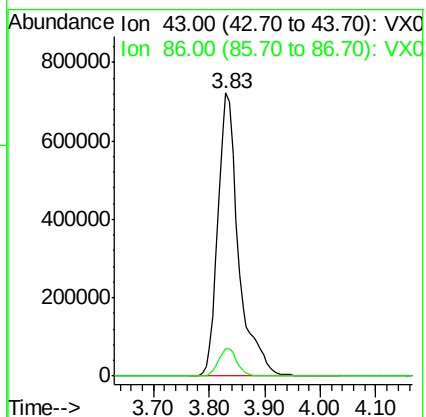
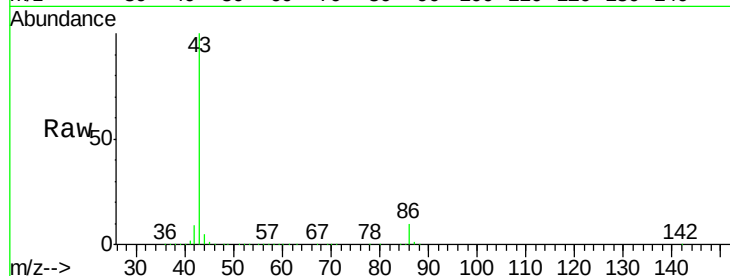
43 100

86 9.8 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 50.47 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

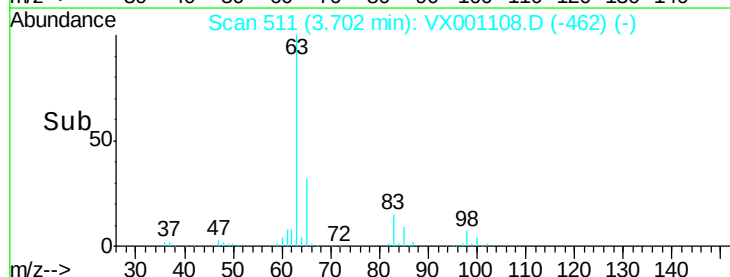
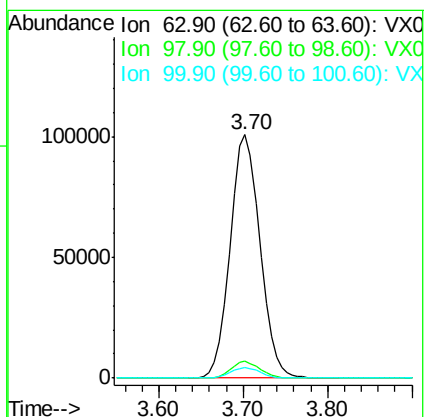
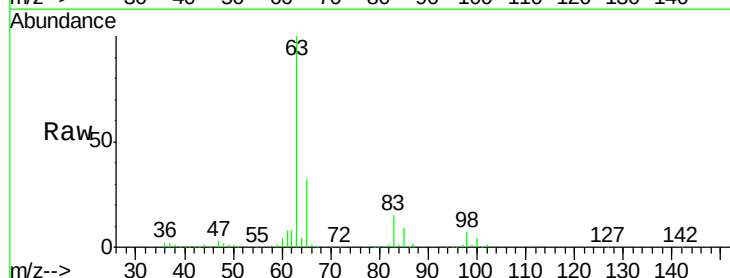
Tgt Ion: 63 Resp: 241666

Ion Ratio Lower Upper

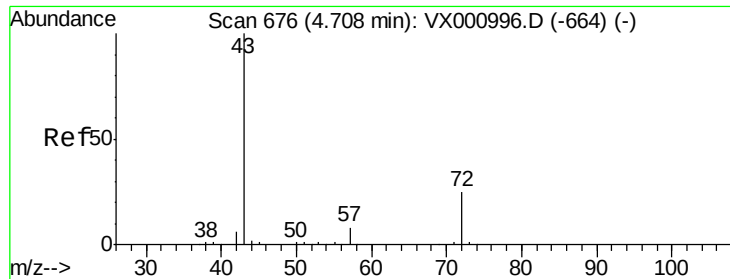
63 100

98 6.9 3.4 10.1

100 4.5 2.1 6.3







#25

2-Butanone

Concen: 405.28 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 43 Resp: 755249

Ion Ratio Lower Upper

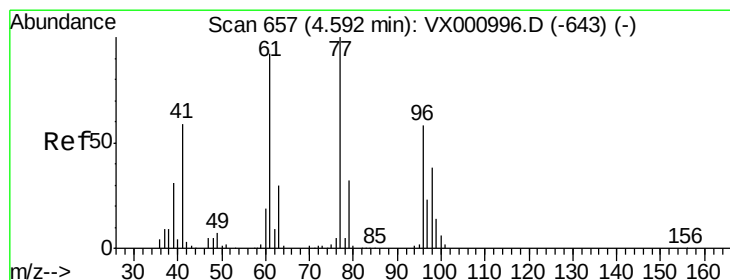
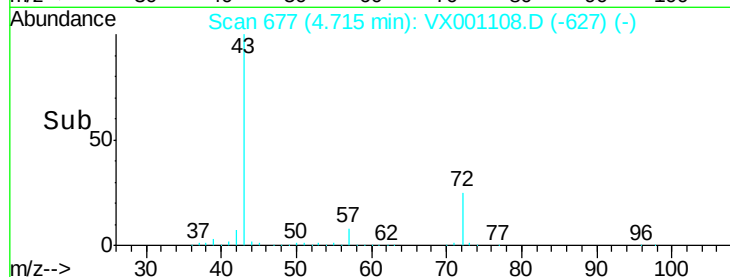
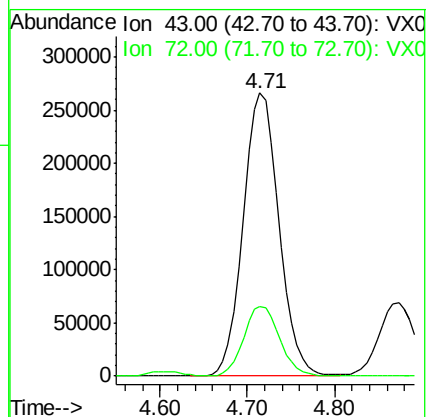
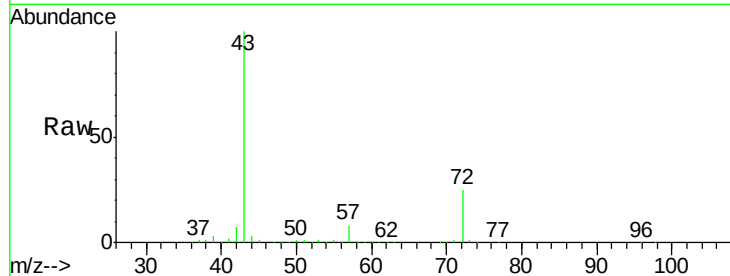
43 100

72 24.5 19.9 29.9

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 19.63 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001108.D

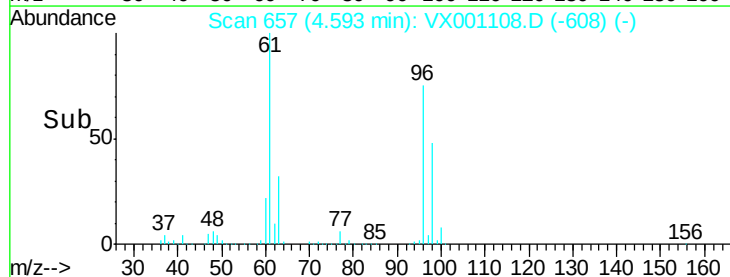
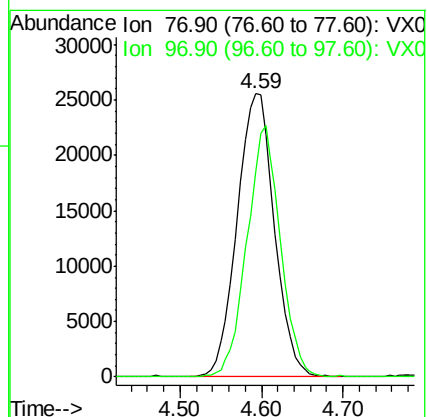
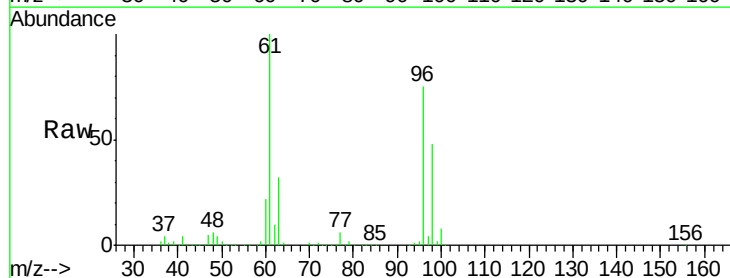
Acq: 25 Apr 2018 05:32

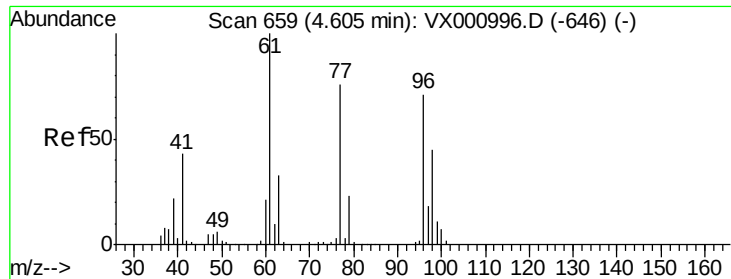
Tgt Ion: 77 Resp: 80855

Ion Ratio Lower Upper

77 100

97 80.1 11.5 34.4#





#27

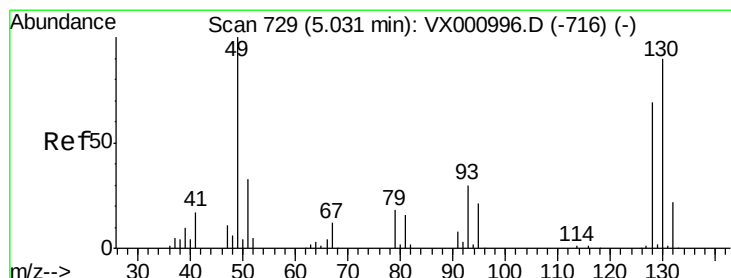
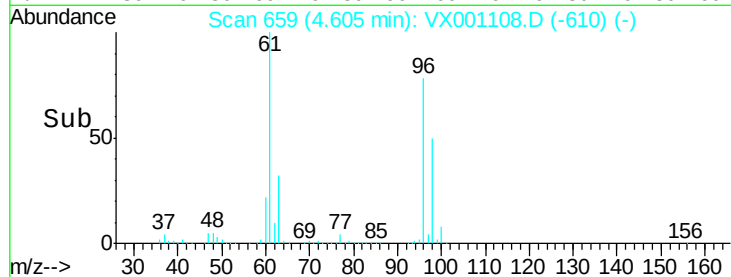
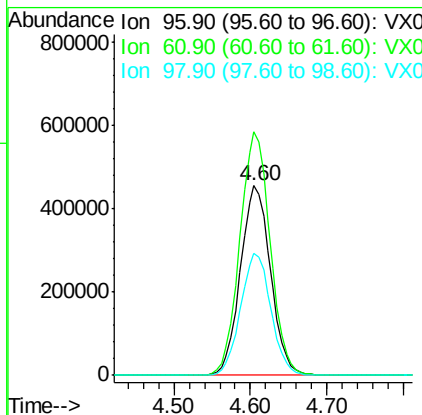
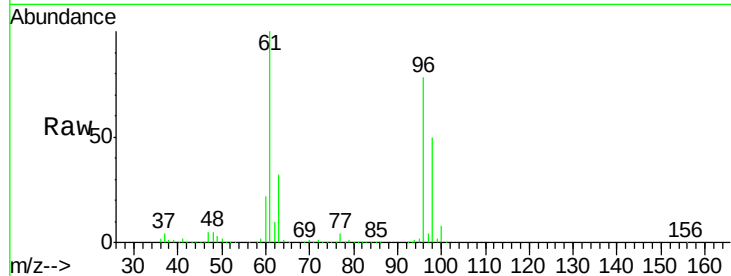
cis-1,2-Dichloroethene  
Concen: 412.58 ug/l  
RT: 4.60 min Scan# 659  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 129.2 | 0.0   | 297.0 |
| 98      | 64.7  | 0.0   | 130.0 |

Manual Integrations  
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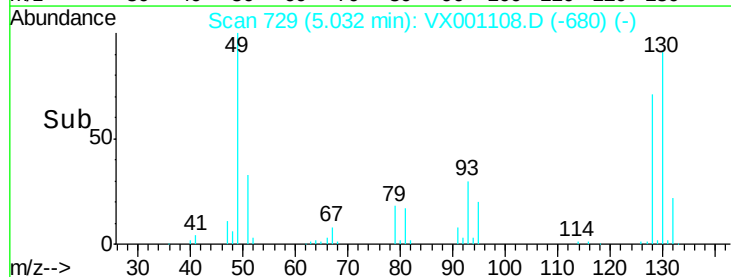
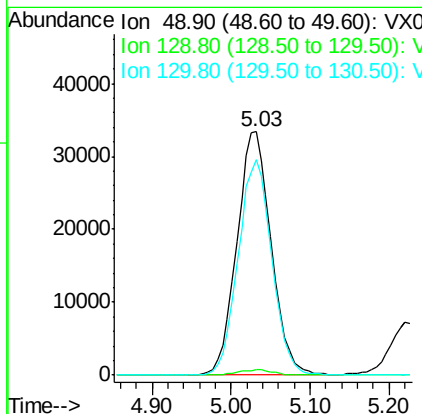
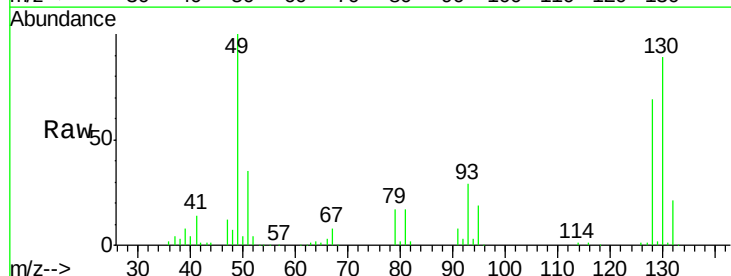
Sohil  
4/26/2018 4:06:31 AM

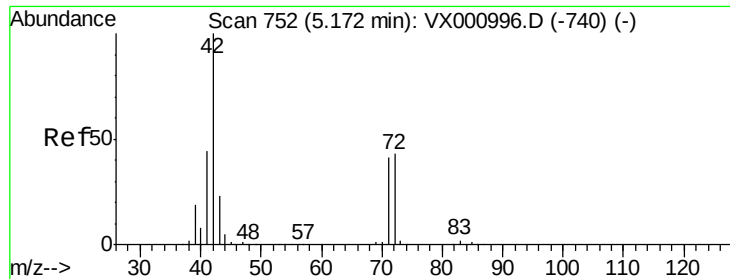


#28

Bromochloromethane  
Concen: 54.75 ug/l  
RT: 5.03 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.8   |
| 130     | 86.9  | 70.6  | 105.8 |





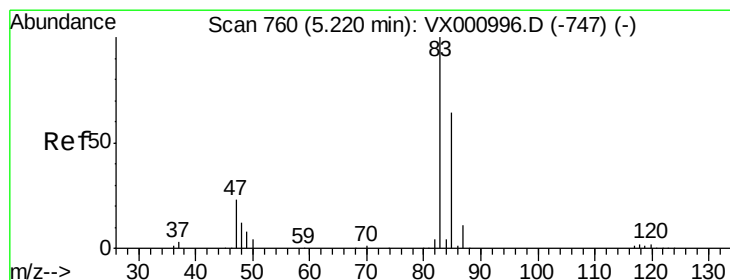
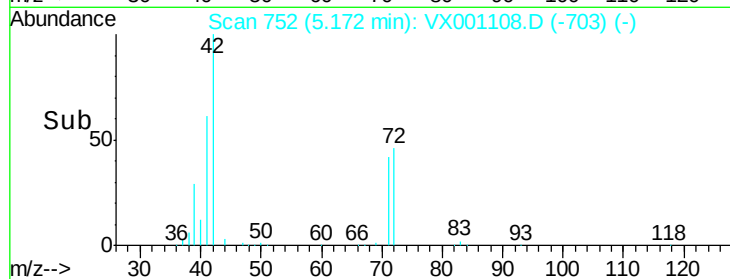
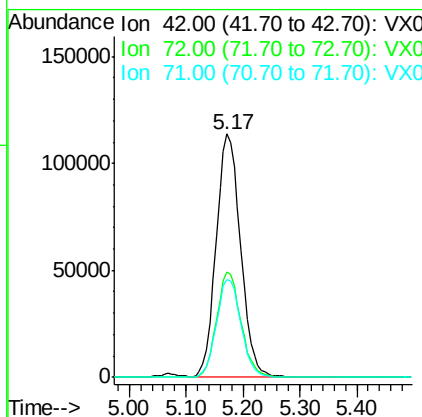
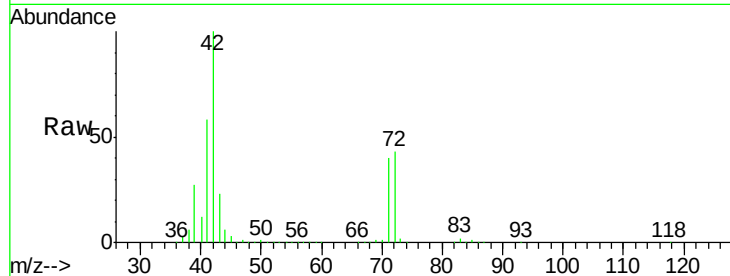
#29  
Tetrahydrofuran  
Concen: 286.89 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.2  | 34.6  | 52.0  |
| 71      | 40.6  | 32.6  | 49.0  |

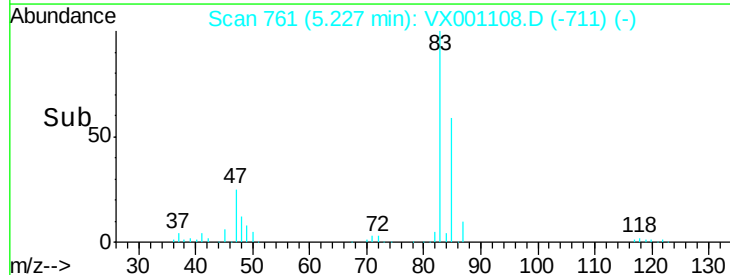
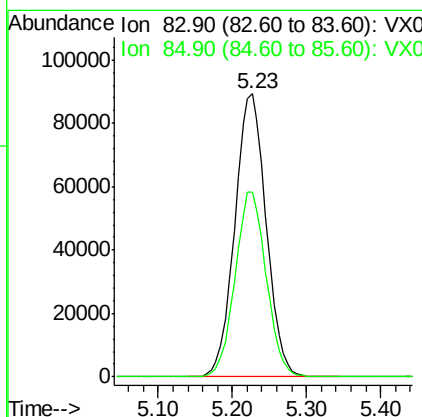
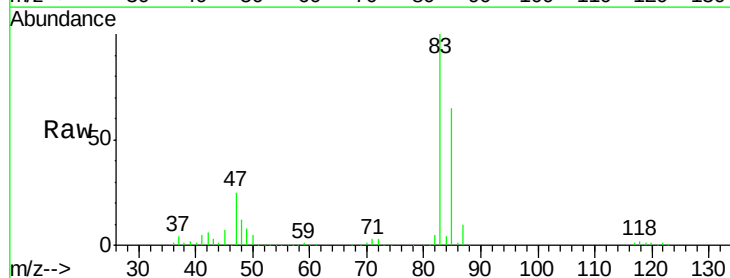
Manual Integrations  
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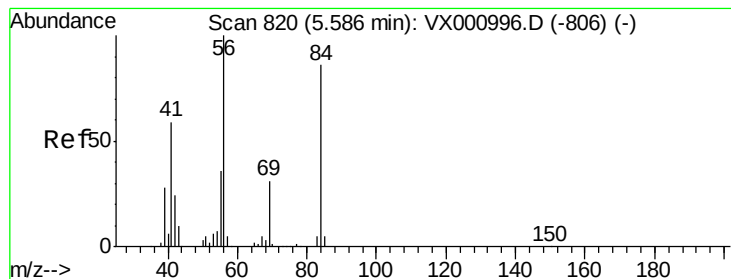
Sohil  
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#30  
Chloroform  
Concen: 53.24 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. 0.01 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 51.3  | 76.9  |





#31

Cyclohexane

Concen: 50.01 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

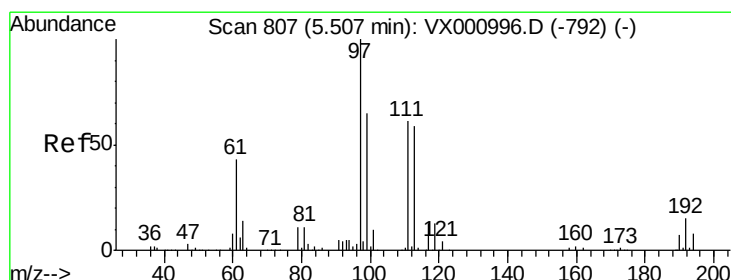
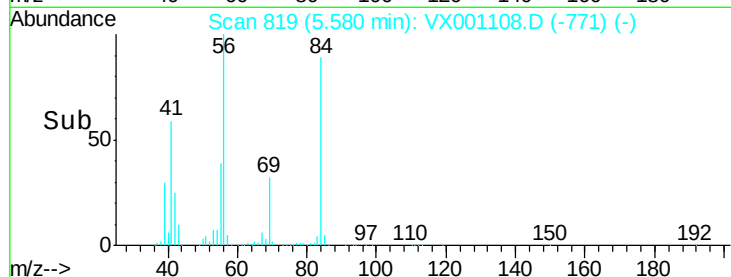
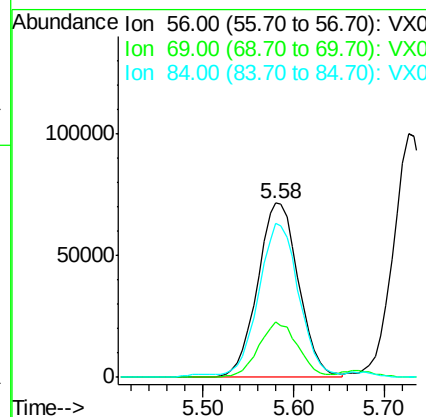
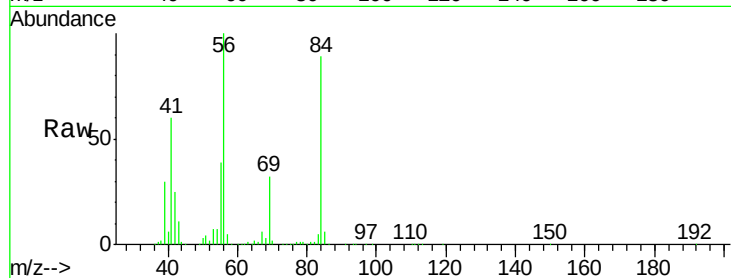
ClientSampleId :

LF001MW001-180418MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 223518 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 31.6 | 24.6  | 36.8   |
| 84        | 87.5 | 69.0  | 103.6  |

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#32

1,1,1-Trichloroethane

Concen: 52.46 ug/l

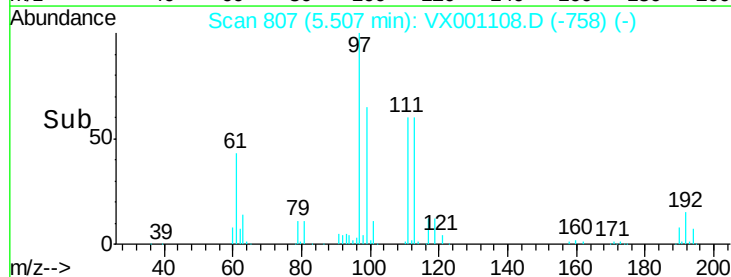
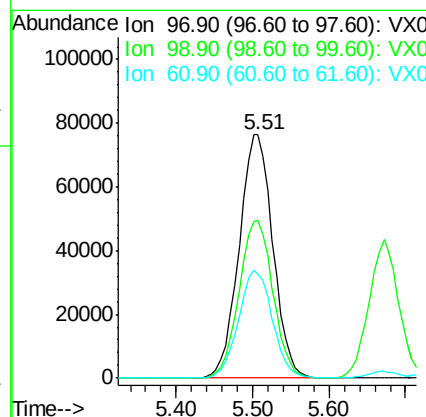
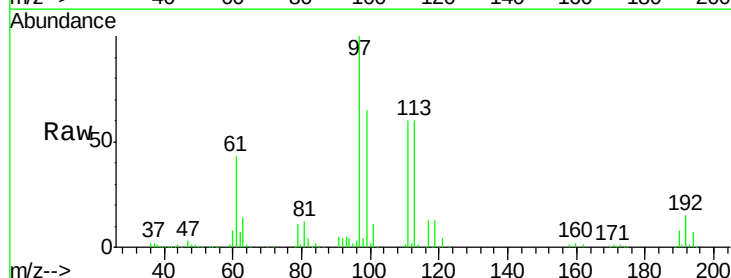
RT: 5.51 min Scan# 807

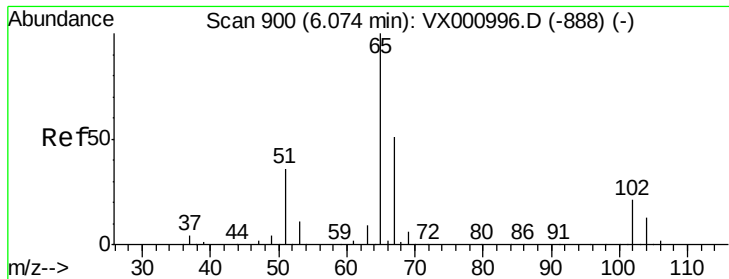
Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 233236 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 65.3 | 51.1  | 76.7   |
| 61        | 44.6 | 34.4  | 51.6   |





#33

1,2-Dichloroethane-d4

Concen: 50.60 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 65 Resp: 160419

Ion Ratio Lower Upper

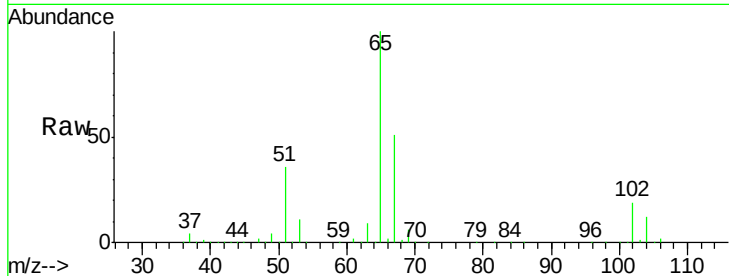
65 100

67 51.3 0.0 102.6

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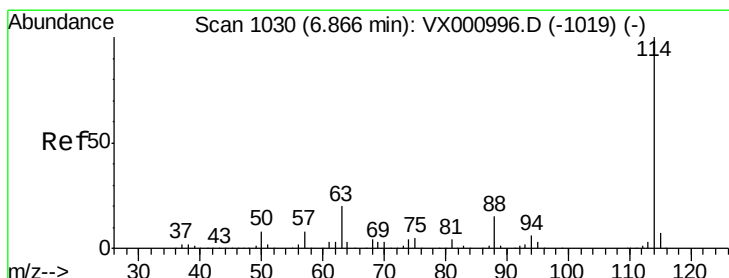
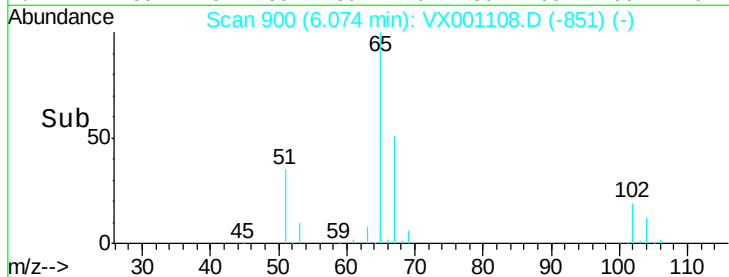
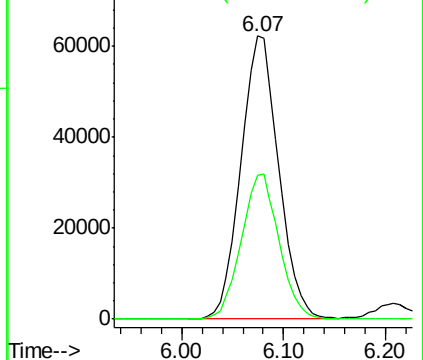
Sohil

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

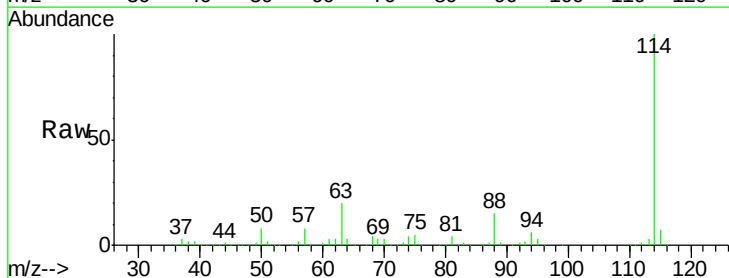
Tgt Ion: 114 Resp: 340208

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

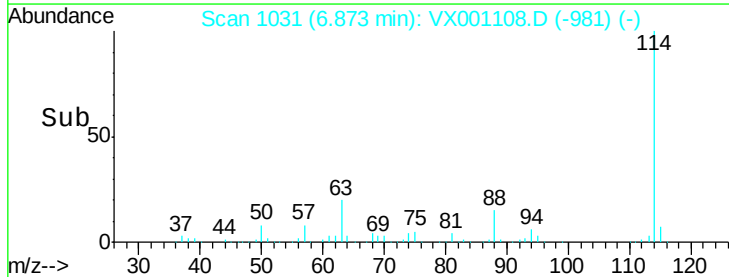
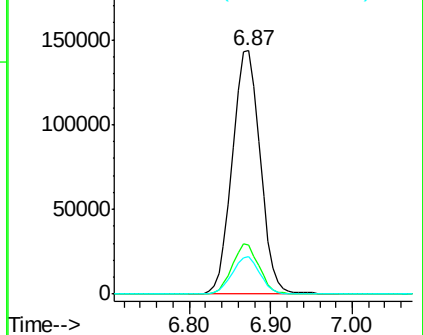
88 15.4 0.0 29.8

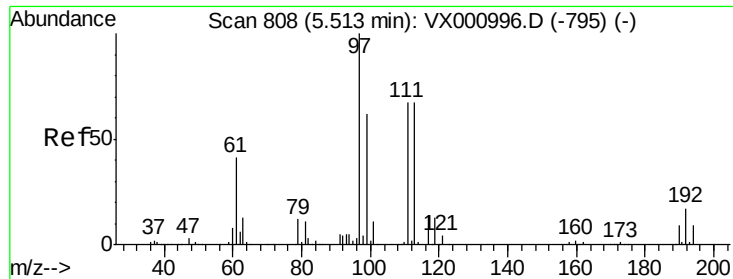


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





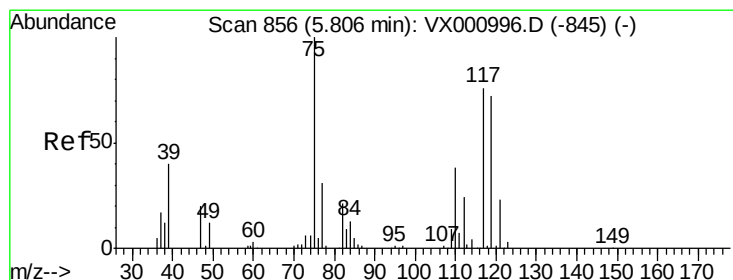
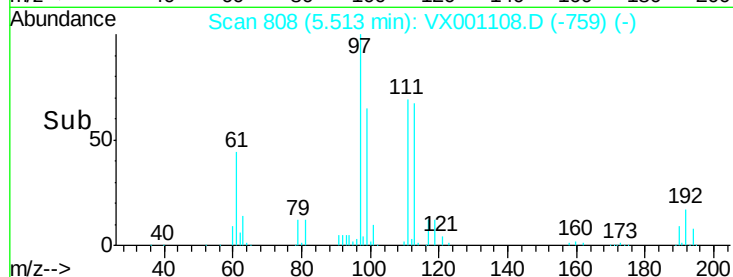
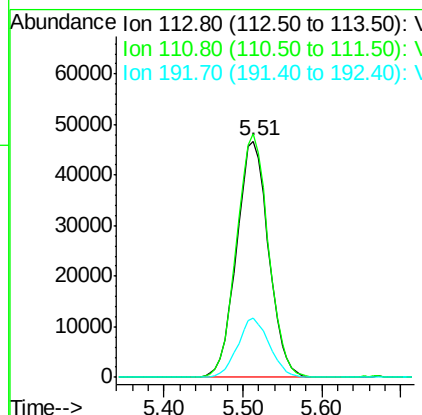
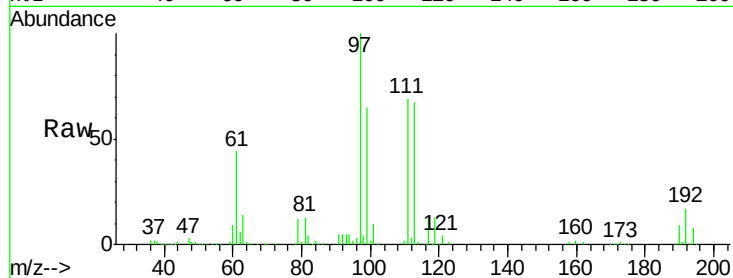
#35  
Dibromofluoromethane  
Concen: 50.95 ug/l  
RT: 5.51 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 132169 |       |       |
| 111     | 102.4 | 81.4   | 122.2 |       |
| 192     | 24.9  | 20.4   | 30.6  |       |

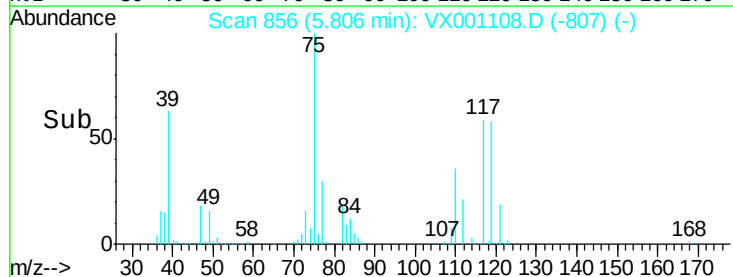
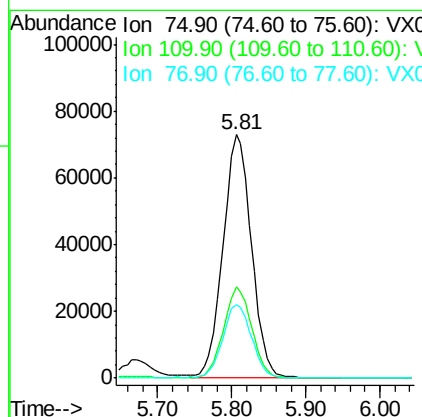
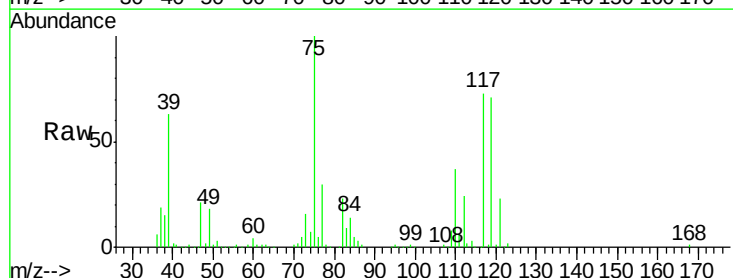
Manual Integrations  
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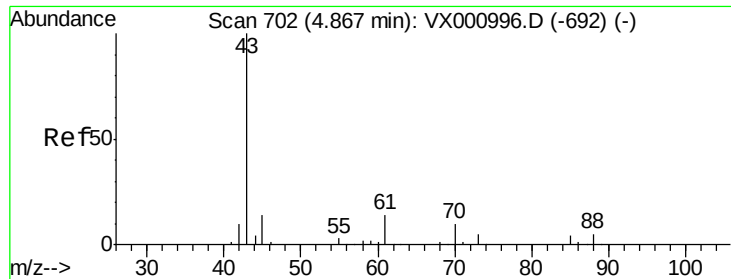
Sohil  
4/26/2018 4:06:31 AM



#36  
1,1-Dichloropropene  
Concen: 48.34 ug/l  
RT: 5.81 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 193276 |       |       |
| 110     | 37.2  | 18.7   | 56.1  |       |
| 77      | 30.9  | 25.0   | 37.4  |       |





#37

Ethyl Acetate

Concen: 55.20 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

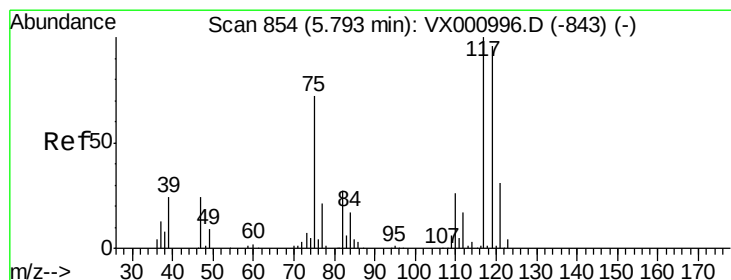
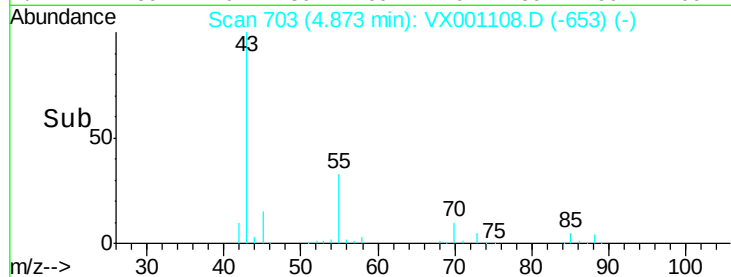
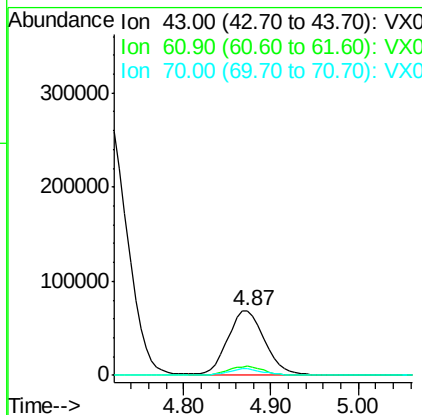
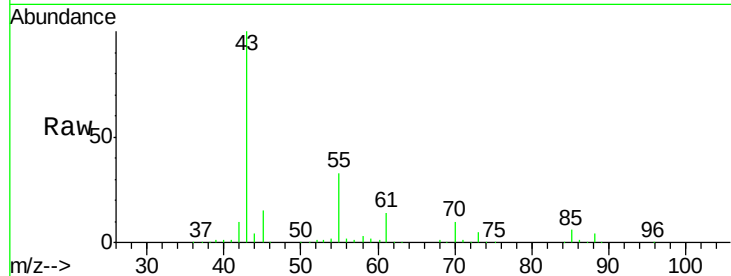
ClientSampleId :

LF001MW001-180418MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 202434 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 0.0   | 10.7  | 16.1#  |
| 70        | 9.9   | 8.3   | 12.5   |

Manual Integrations  
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Sohil  
4/26/2018 4:06:31 AM



#38

Carbon Tetrachloride

Concen: 51.31 ug/l

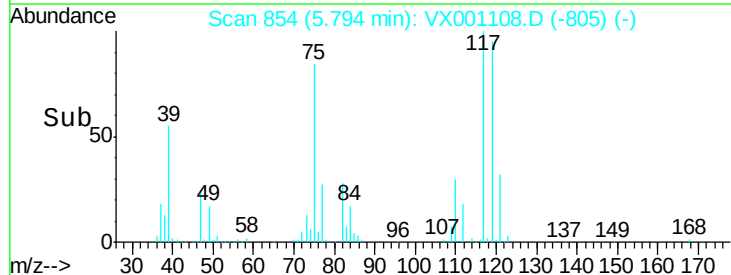
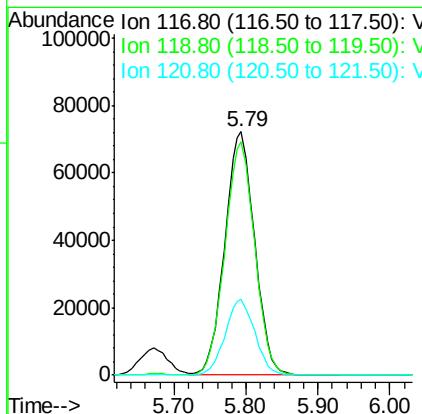
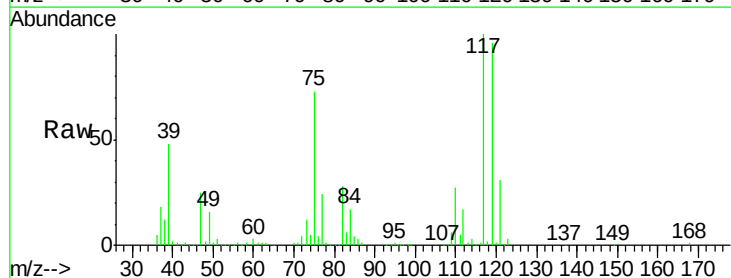
RT: 5.79 min Scan# 854

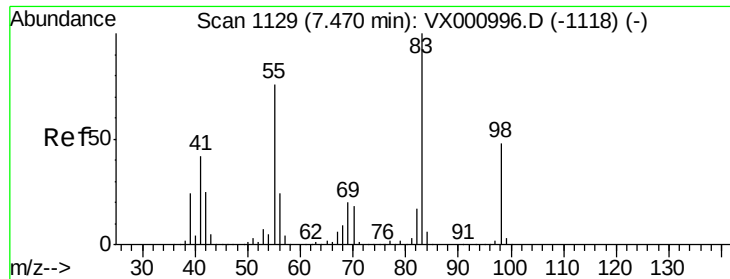
Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 207705 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.8  | 76.5  | 114.7  |
| 121       | 31.3  | 24.5  | 36.7   |





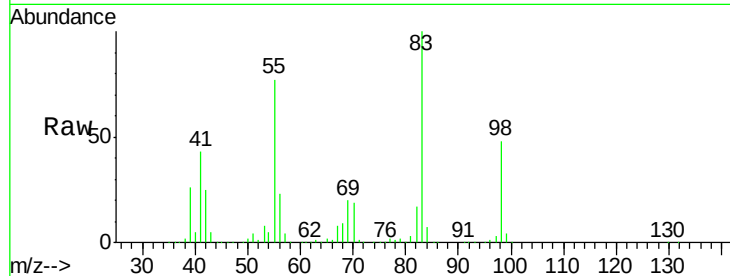
#39  
Methylvlcyclohexane  
Concen: 50.19 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

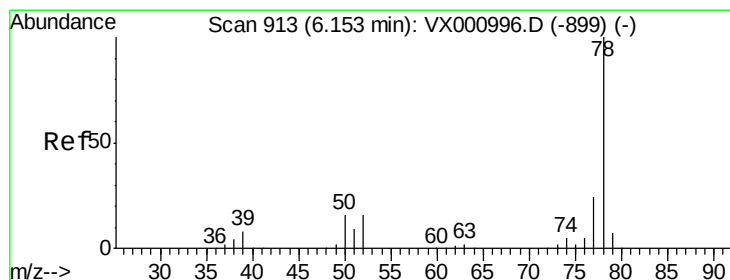
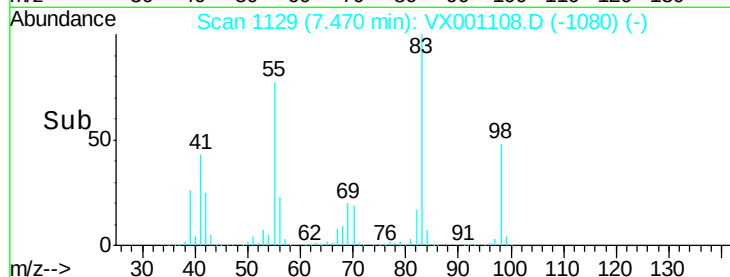
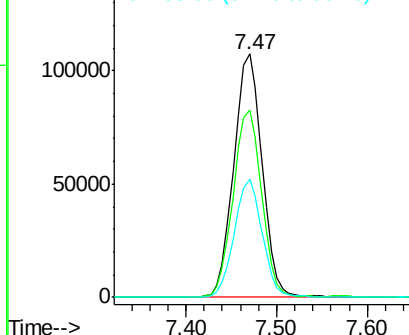
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 233536 |       |       |
| 55      | 76.8  | 60.6   | 91.0  |       |
| 98      | 48.4  | 38.2   | 57.4  |       |

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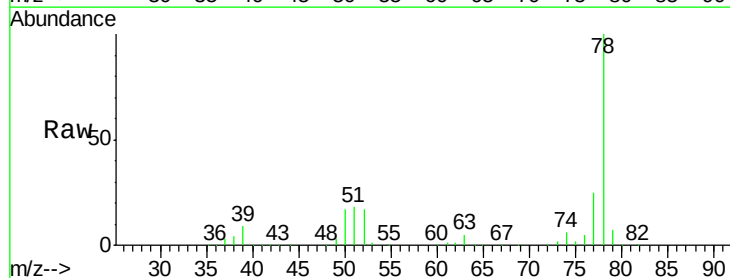


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

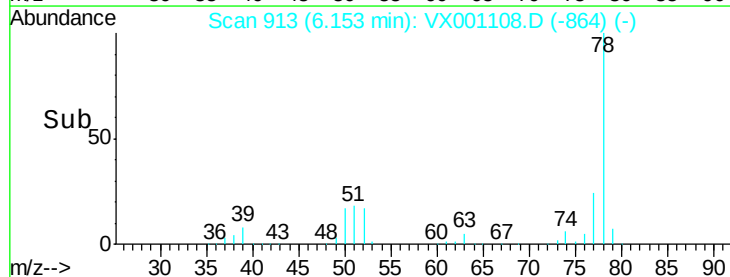
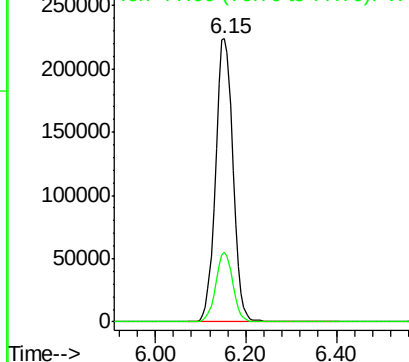


#40  
Benzene  
Concen: 53.87 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

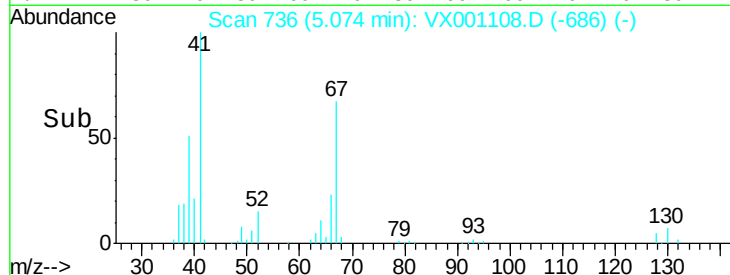
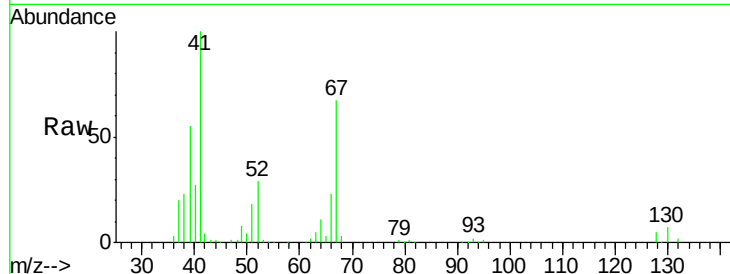
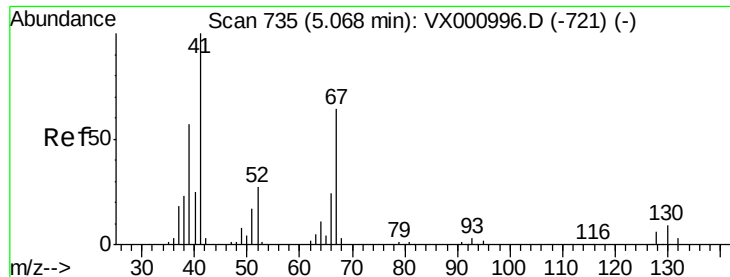
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 598790 |       |       |
| 77      | 24.8  | 18.9   | 28.3  |       |



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0







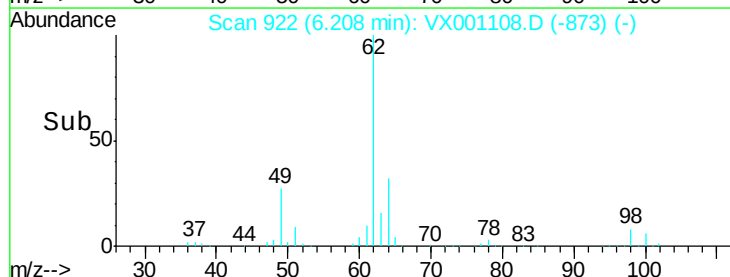
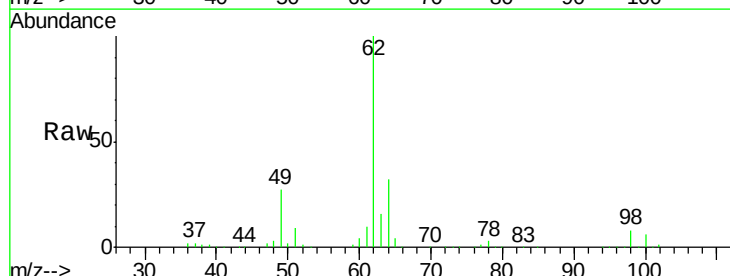
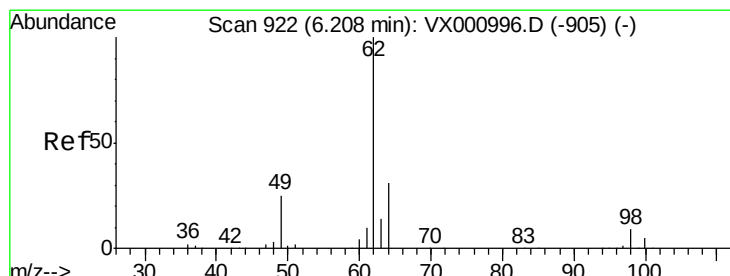
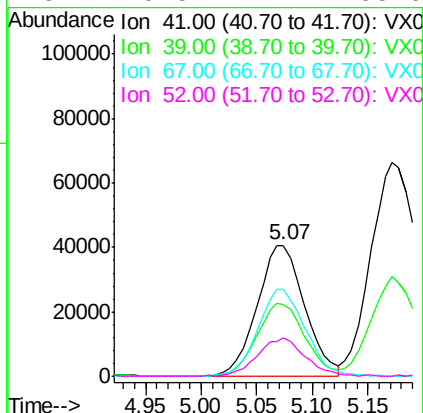
#41  
Methacrylonitrile  
Concen: 52.45 ug/l  
RT: 5.07 min Scan# 736  
Delta R.T. 0.01 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.1 | 45.2  | 67.8  |       |
| 67      | 67.0 | 53.8  | 80.8  |       |
| 52      | 29.5 | 22.4  | 33.6  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

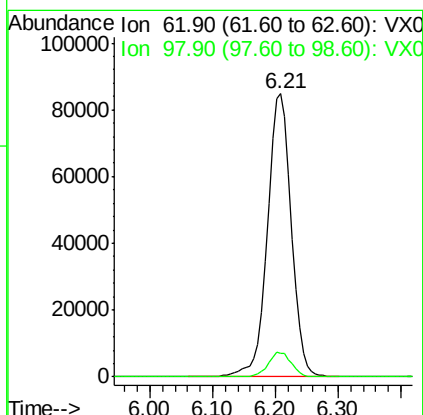
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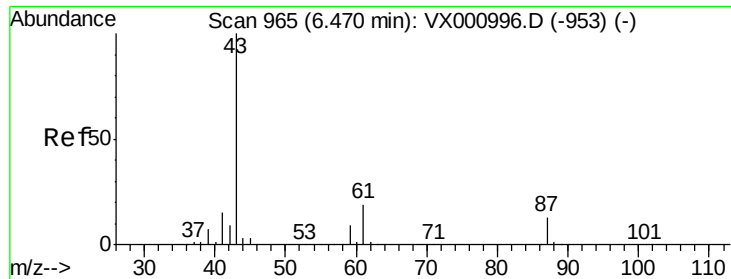
Sohil  
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#42  
1,2-Dichloroethane  
Concen: 52.34 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.5 | 0.0   | 17.6  |       |





#43

Isopropyl Acetate

Concen: 54.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

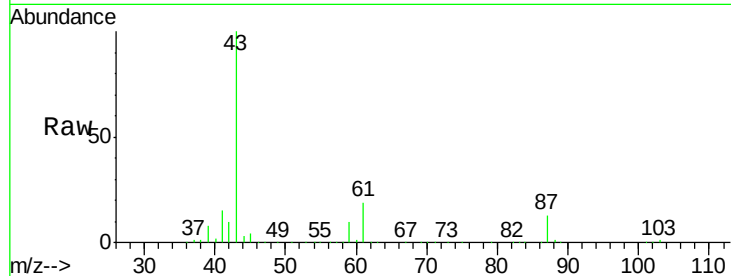
ClientSampleId :

LF001MW001-180418MSD

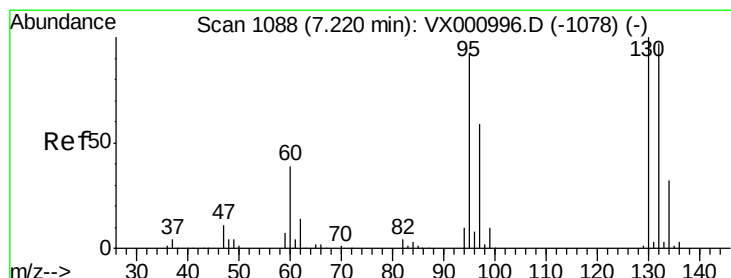
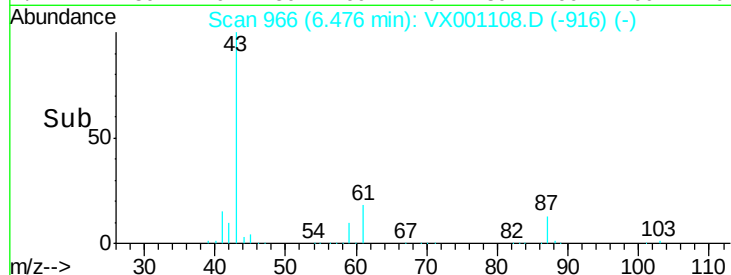
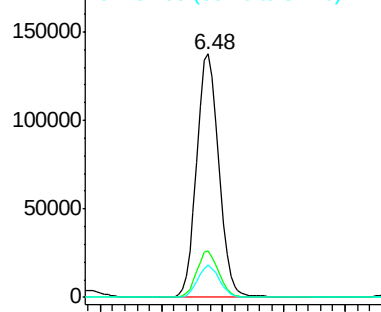
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 342134 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.9  | 15.4  | 23.2   |
| 87       | 12.8  | 10.6  | 15.8   |

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Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)



#44

Trichloroethene

Concen: 49.22 ug/l

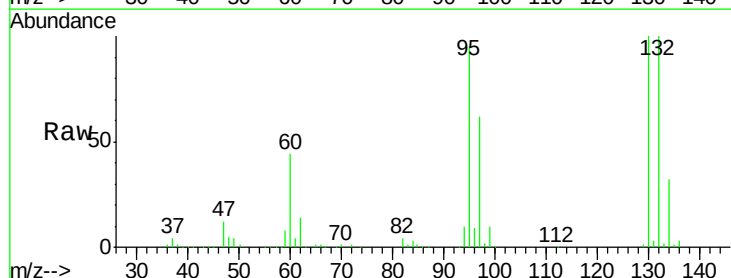
RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

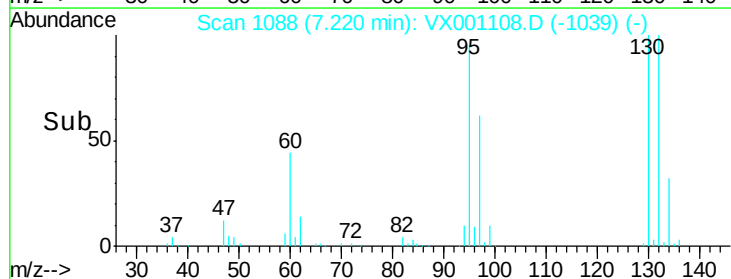
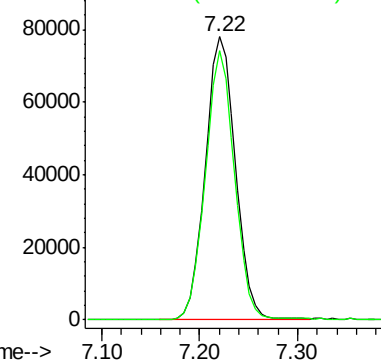
Lab File: VX001108.D

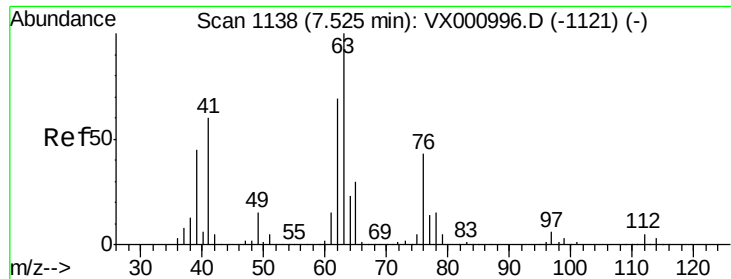
Acq: 25 Apr 2018 05:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 167148 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 95.4  | 0.0   | 184.2  |



Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)





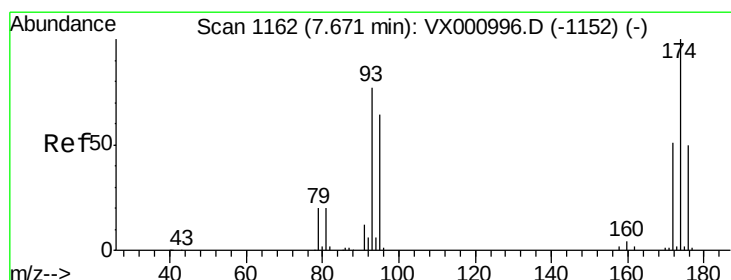
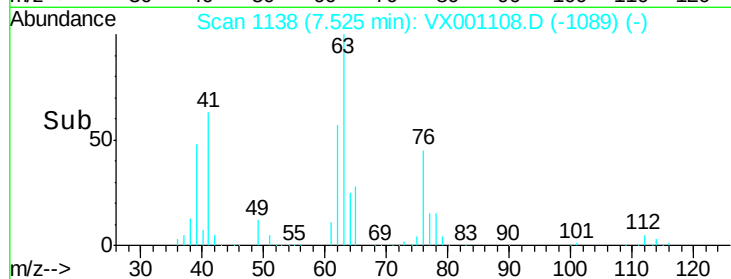
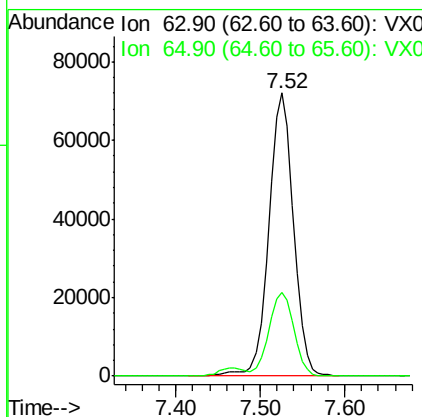
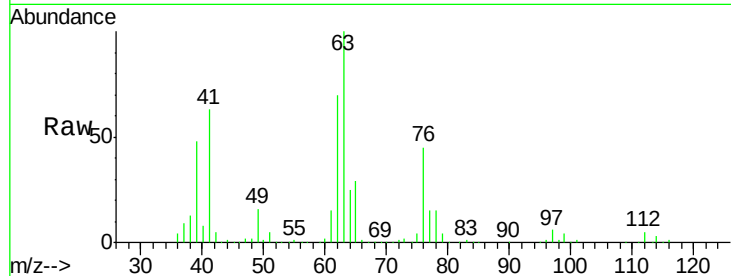
#45  
 1,2-Dichloropropane  
 Concen: 52.29 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

Tot Ion: 63 Resp: 146146  
 Ion Ratio Lower Upper  
 63 100  
 65 29.5 24.4 36.6

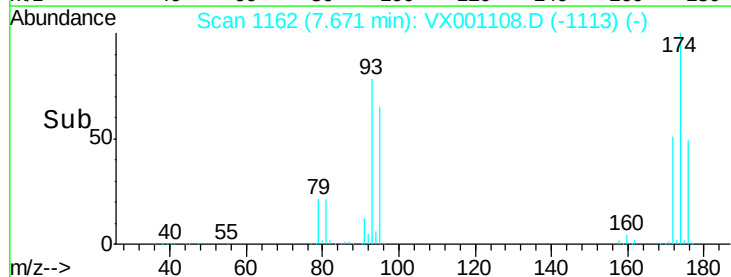
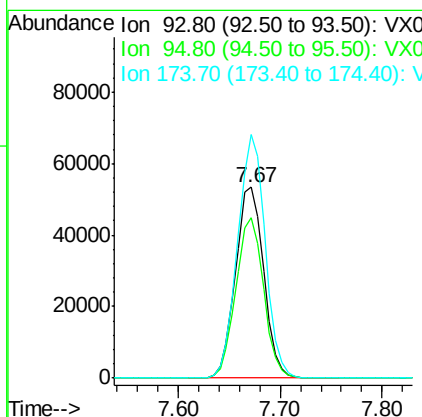
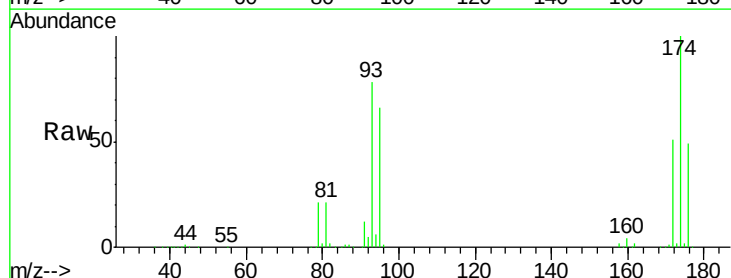
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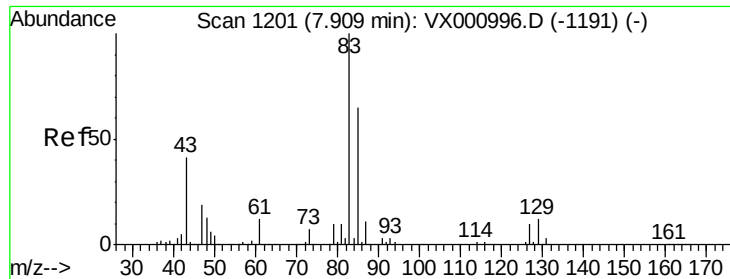
Sohil  
 4/26/2018 4:06:31 AM



#46  
 Dibromomethane  
 Concen: 52.41 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Tgt Ion: 93 Resp: 102340  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 66.7 100.1  
 174 124.5 101.8 152.6





#47

Bromodichloromethane

Concen: 52.98 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

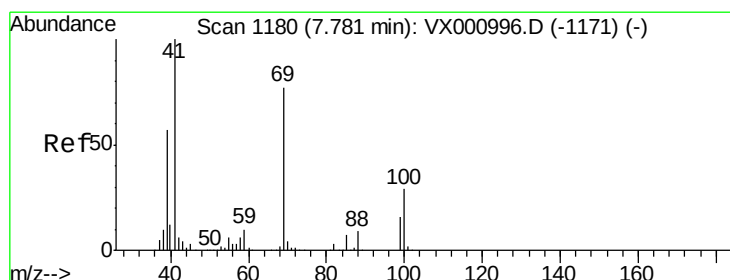
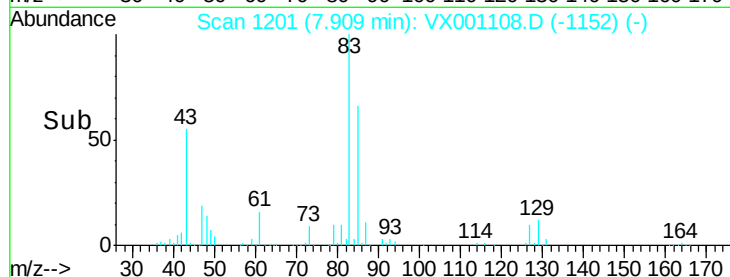
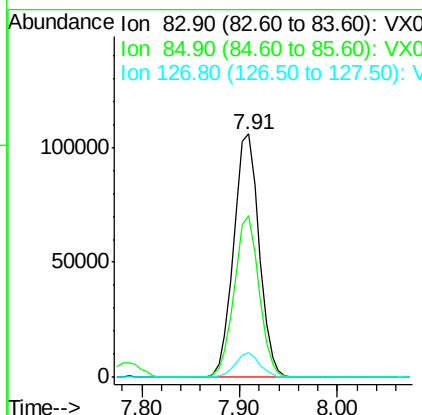
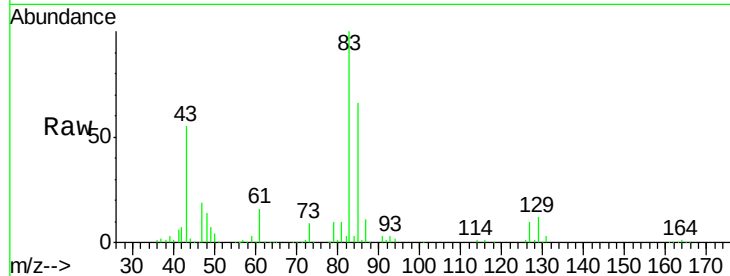
ClientSampleId :

LF001MW001-180418MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 191658 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.3  | 52.3  | 78.5   |
| 127      | 10.0  | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 54.37 ug/l

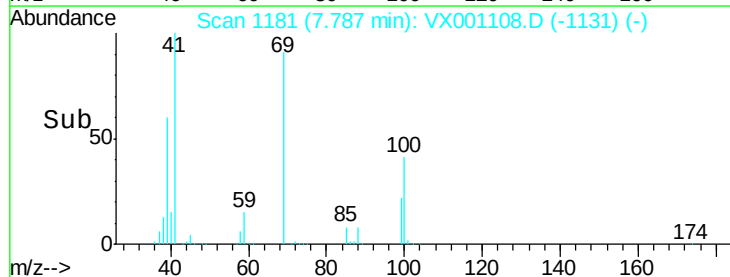
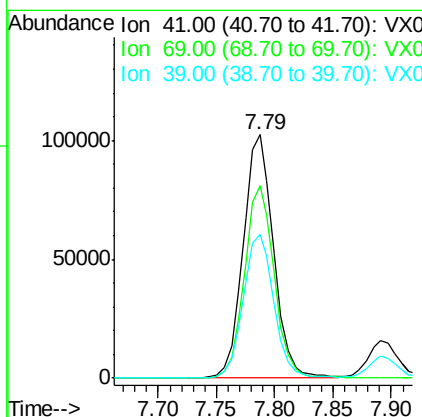
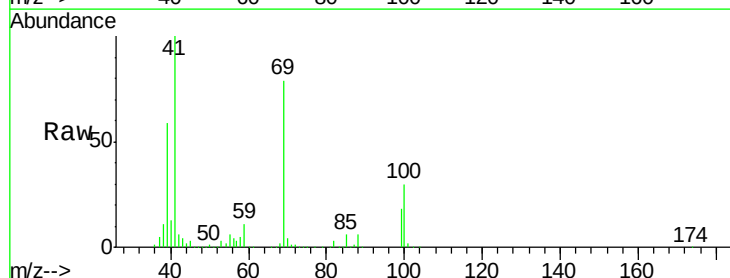
RT: 7.79 min Scan# 1181

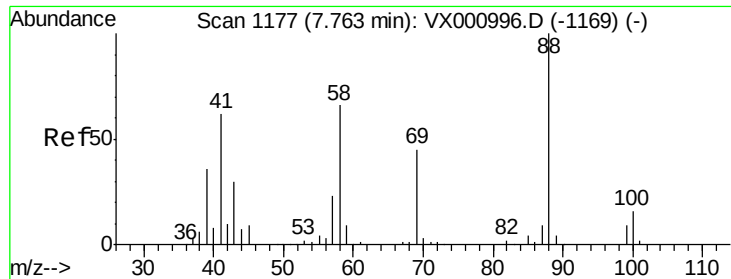
Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 184183 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 78.7  | 62.6  | 94.0   |
| 39       | 59.9  | 45.3  | 67.9   |





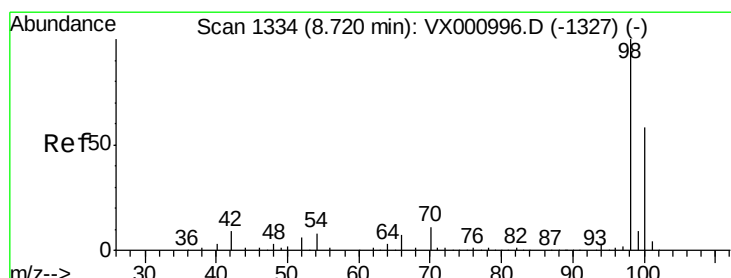
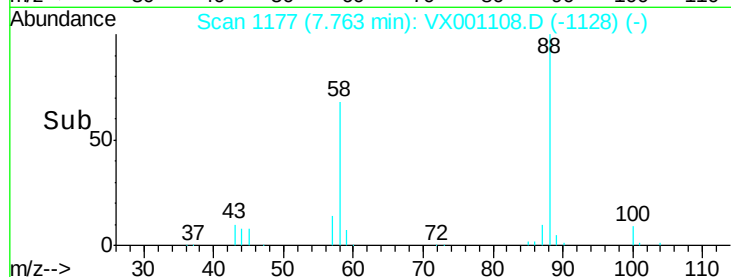
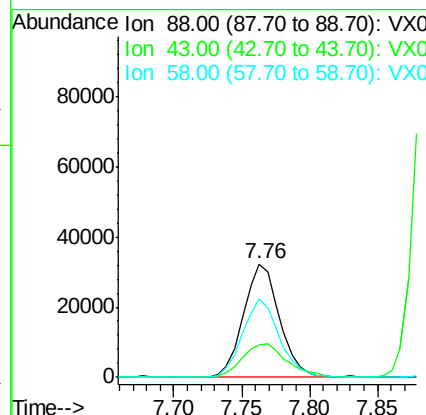
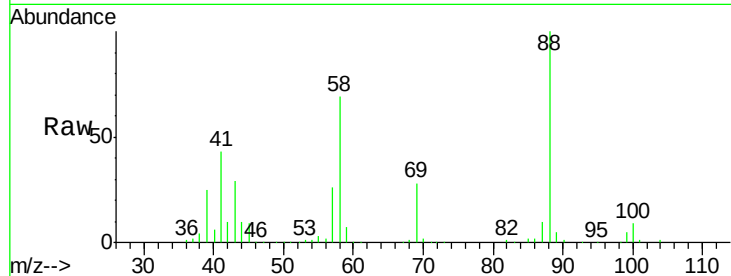
#49  
1,4-Dioxane  
Concen: 1202.50 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.1  | 29.2  | 43.8  |
| 58      | 71.1  | 55.0  | 82.6  |

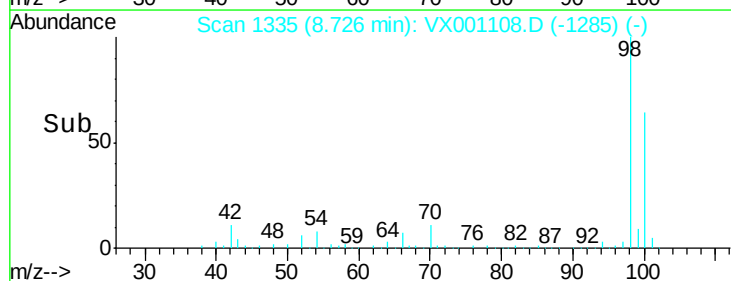
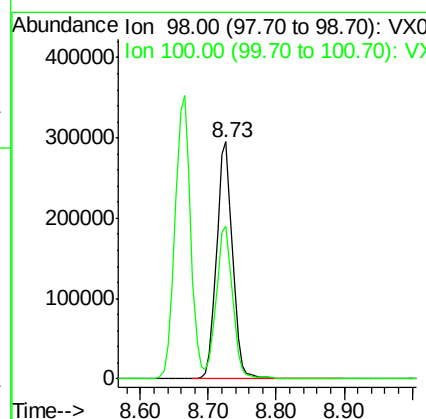
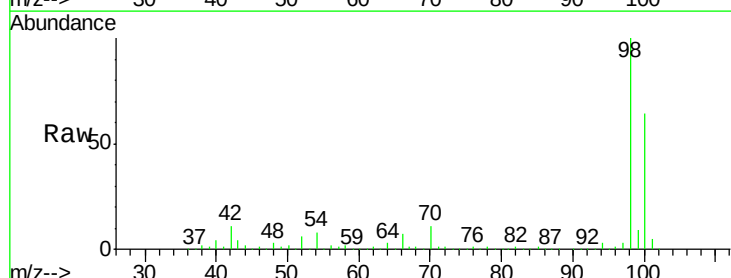
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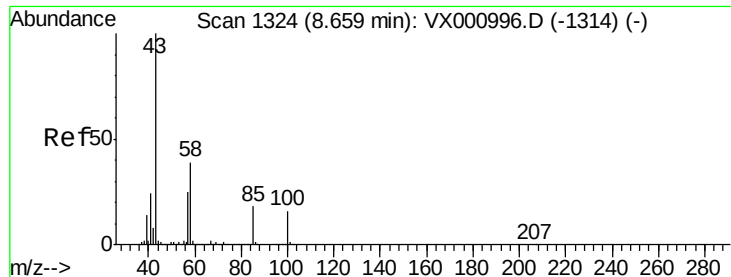
Sohil  
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#50  
Toluene-d8  
Concen: 50.13 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 51.9  | 77.9  |





#51

4-Methyl-2-Pentanone

Concen: 948.23 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 43 Resp: 3622369

Ion Ratio Lower Upper

43 100

58 38.3

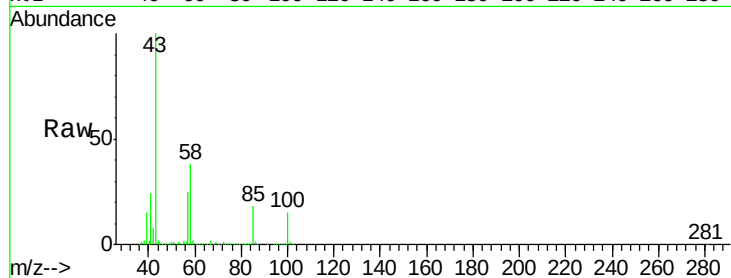
30.2

45.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

2500000

2000000

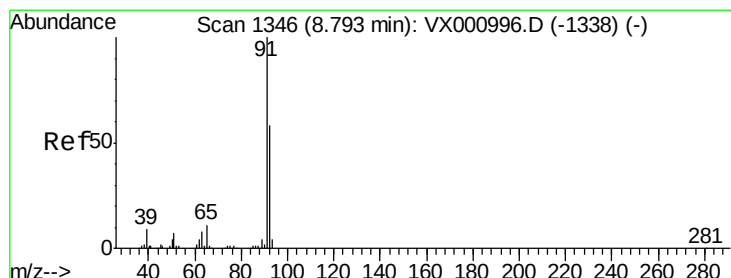
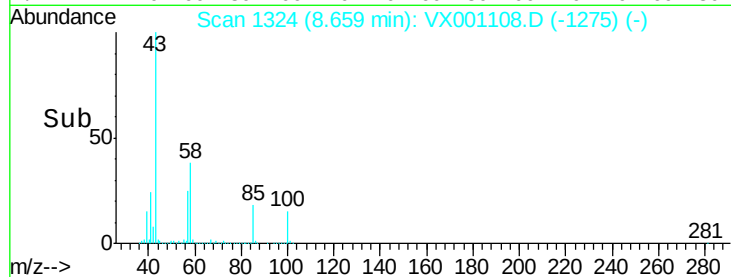
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 289.62 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Tgt Ion: 92 Resp: 2101042

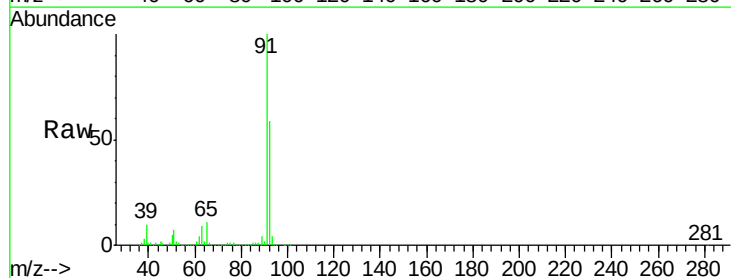
Ion Ratio Lower Upper

92 100

91 171.3

138.2

207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

2500000

2000000

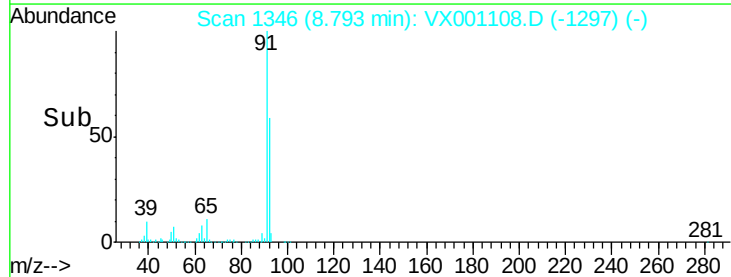
1500000

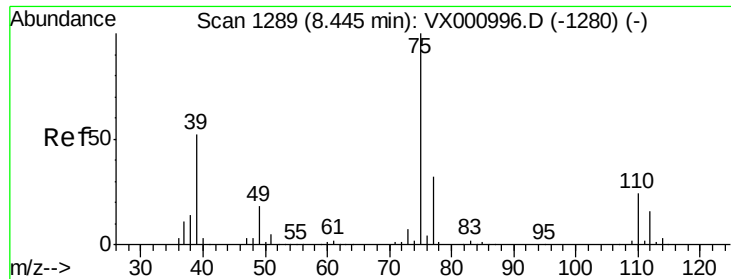
1000000

500000

0

Time-->





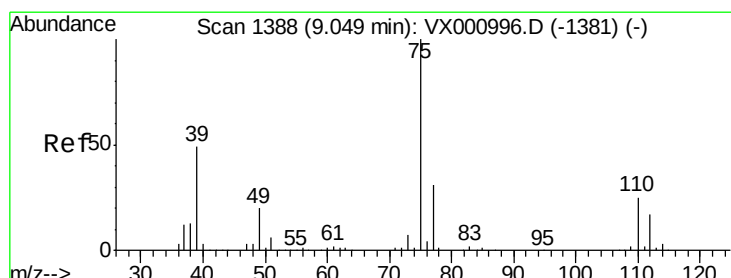
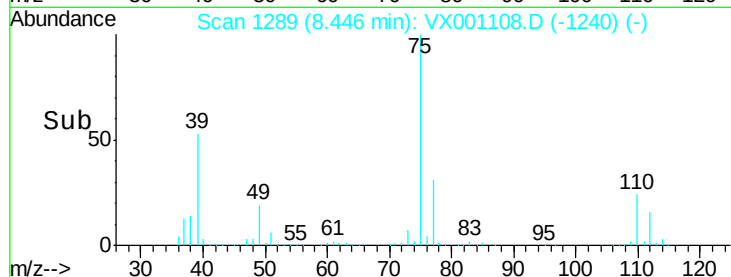
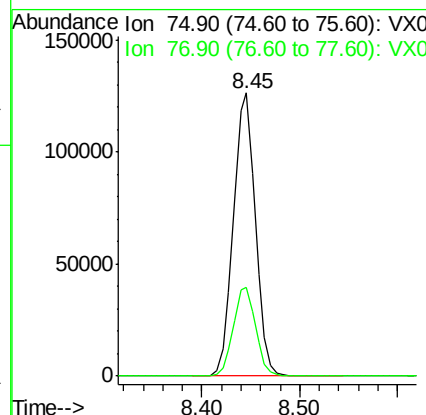
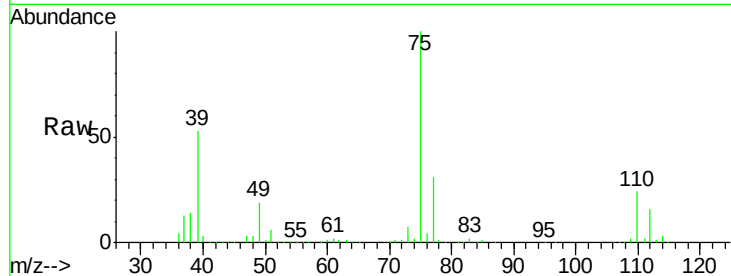
#53  
t-1,3-Dichloropropene  
Concen: 45.47 ug/l  
RT: 8.45 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Tot Ion: 75 Resp: 196720  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.8 38.6

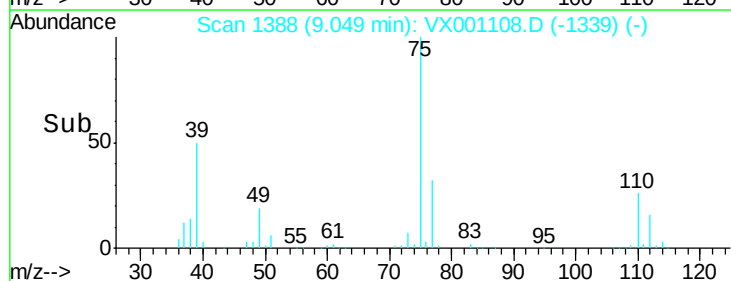
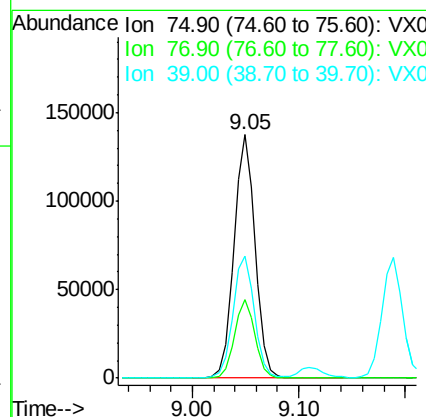
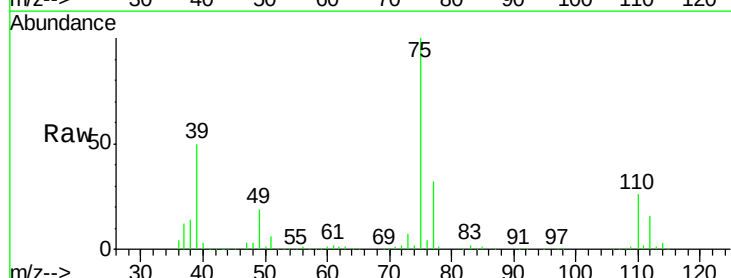
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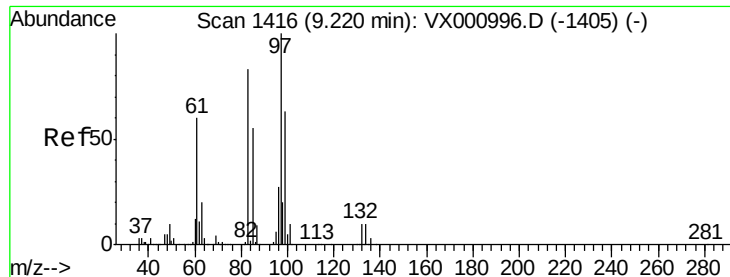
Sohil  
4/26/2018 4:06:31 AM



#54  
cis-1,3-Dichloropropene  
Concen: 46.63 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Tgt Ion: 75 Resp: 190245  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.0 37.6  
39 50.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 56.75 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

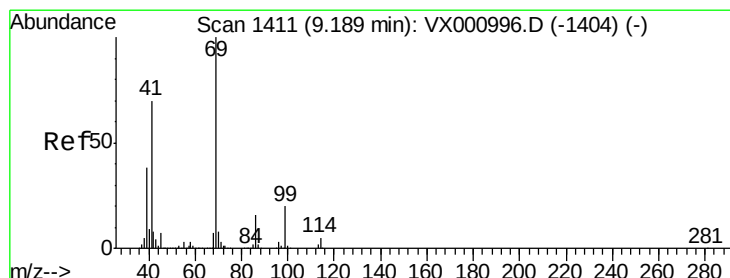
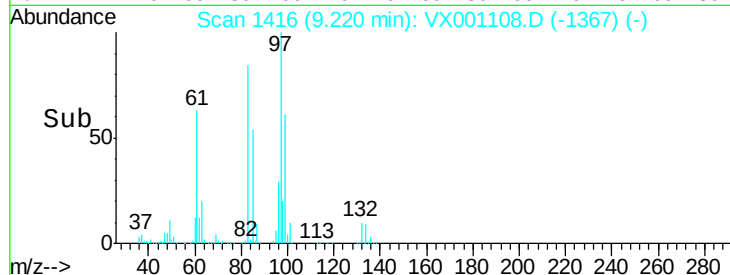
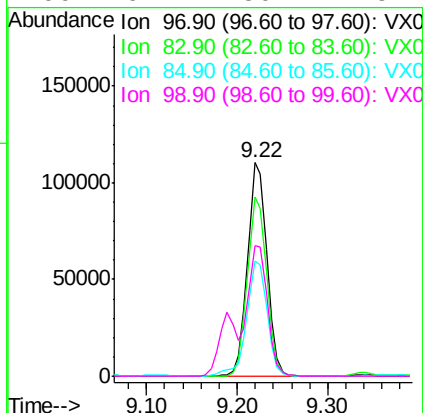
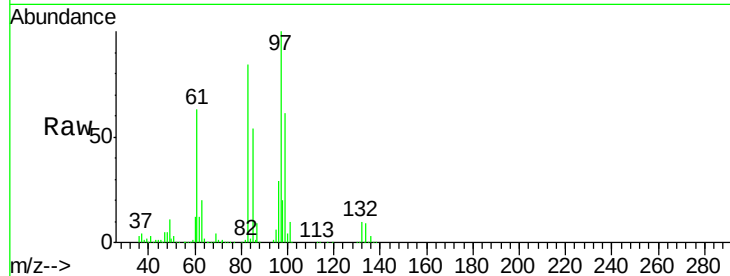
ClientSampleId :

LF001MW001-180418MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 163648 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.2  | 66.2  | 99.4   |
| 85       | 53.8  | 44.2  | 66.4   |
| 99       | 61.1  | 50.2  | 75.4   |

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#56

Ethyl methacrylate

Concen: 55.27 ug/l

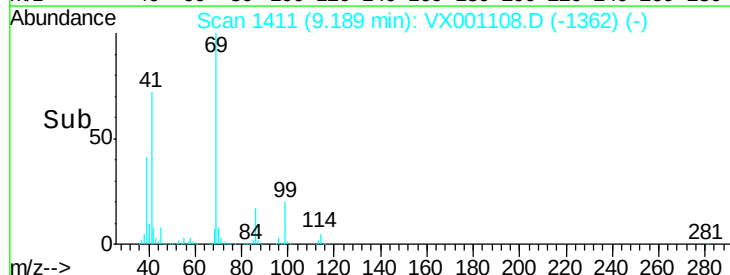
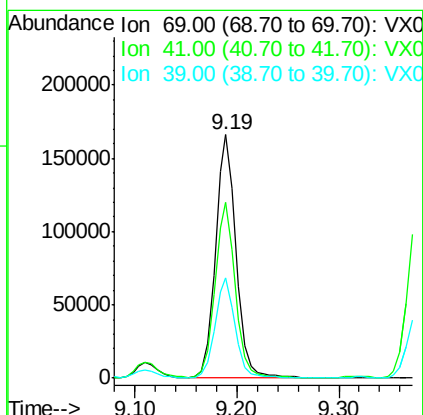
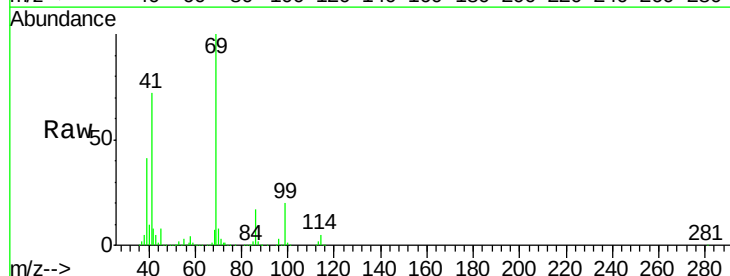
RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

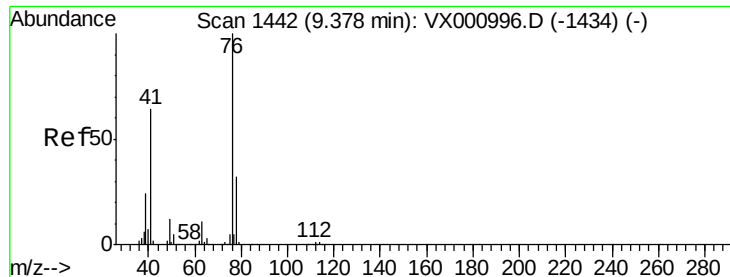
Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 234088 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.3  | 56.3  | 84.5   |
| 39       | 40.4  | 30.4  | 45.6   |







#57

1,3-Dichloropropane

Concen: 52.19 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 76 Resp: 249303

Ion Ratio Lower Upper

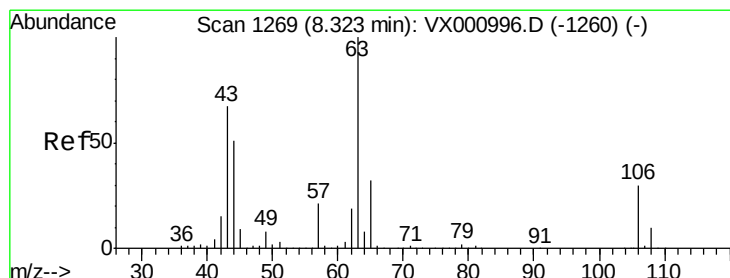
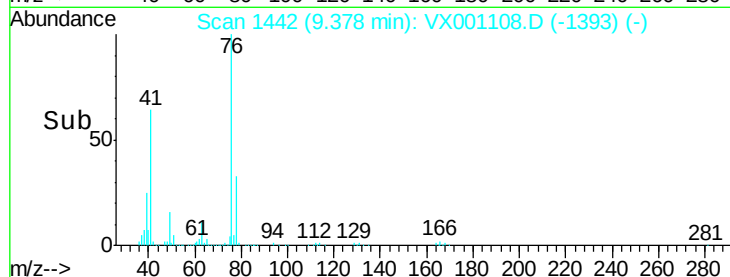
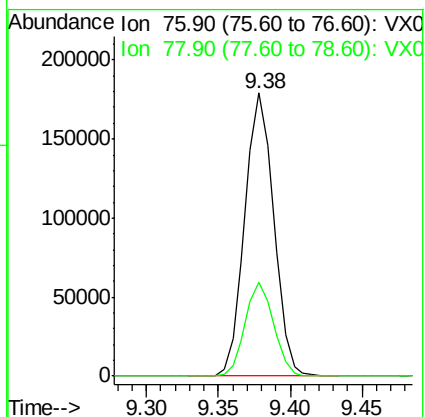
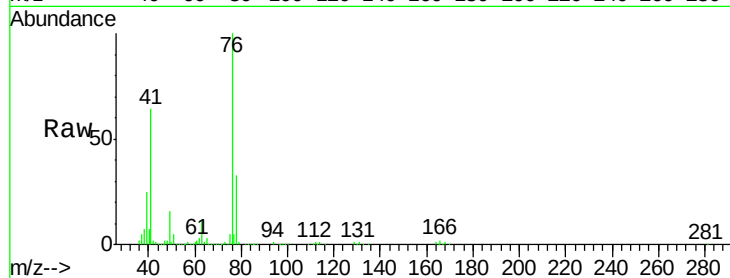
76 100

78 32.7 25.8 38.6

Manual Integrations  
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Sohil

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#58

2-Chloroethyl Vinyl ether

Concen: 116.21 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001108.D

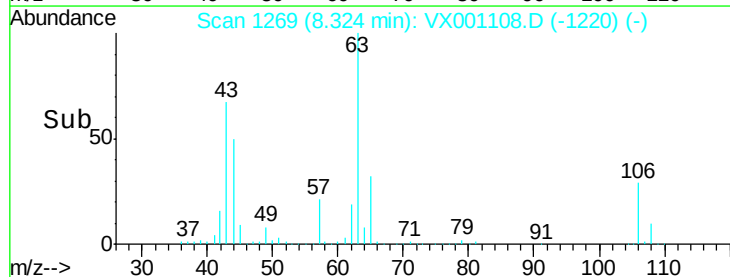
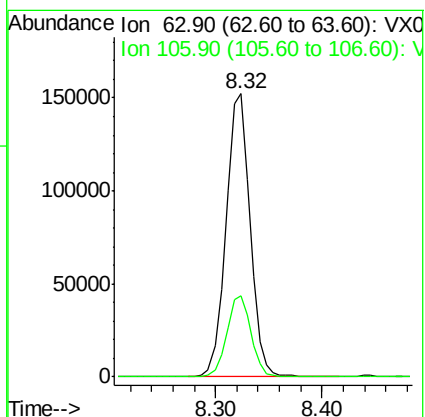
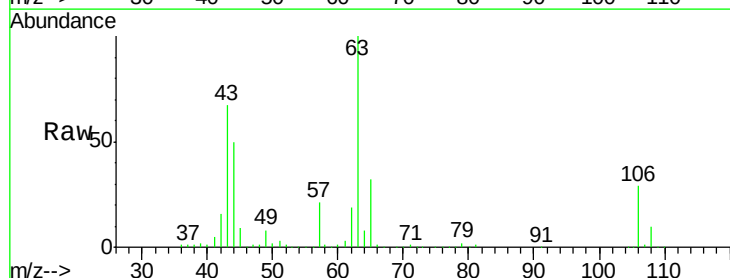
Acq: 25 Apr 2018 05:32

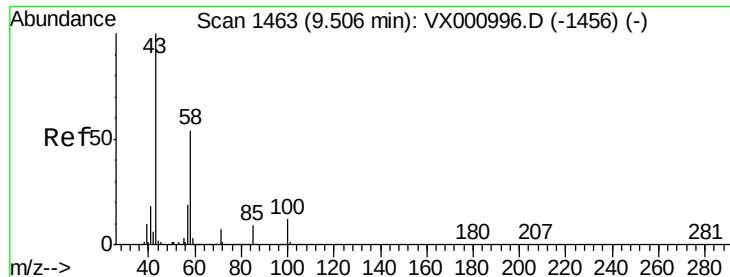
Tgt Ion: 63 Resp: 240193

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.6





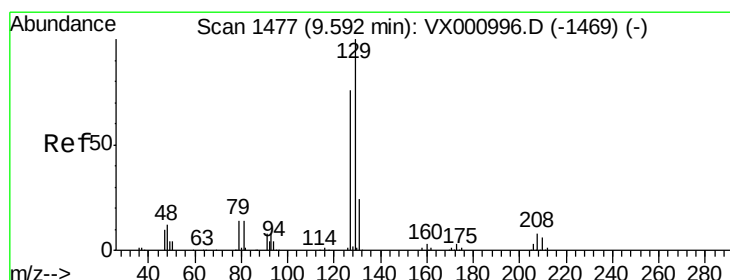
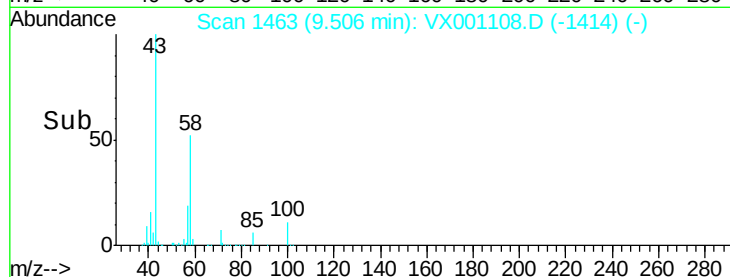
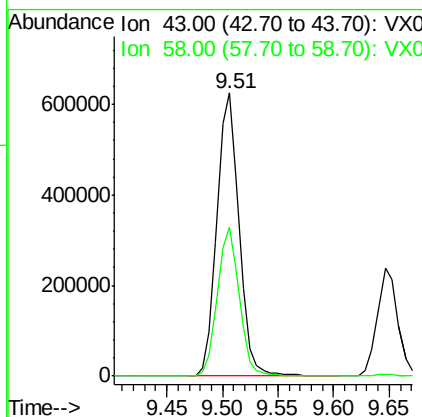
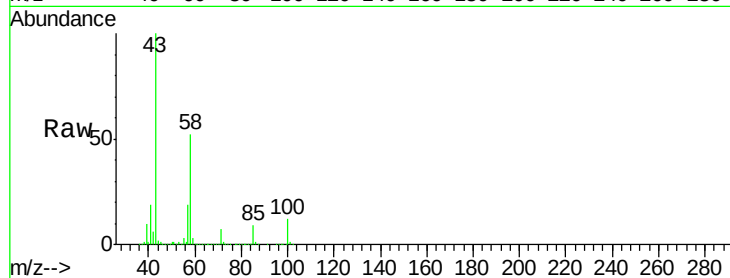
#59  
2-Hexanone  
Concen: 294.18 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Tot Ion: 43 Resp: 860190  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.3 78.9

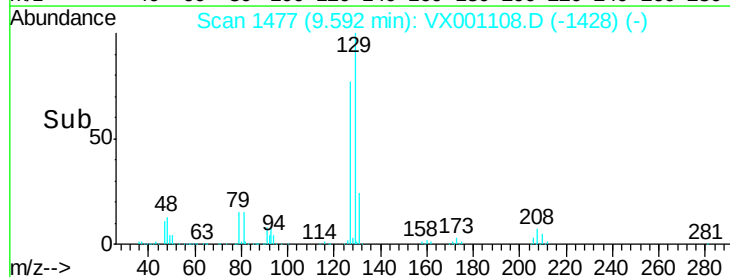
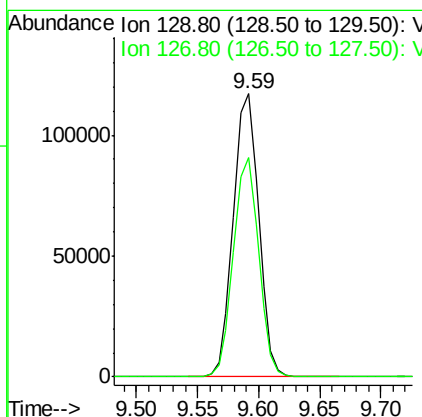
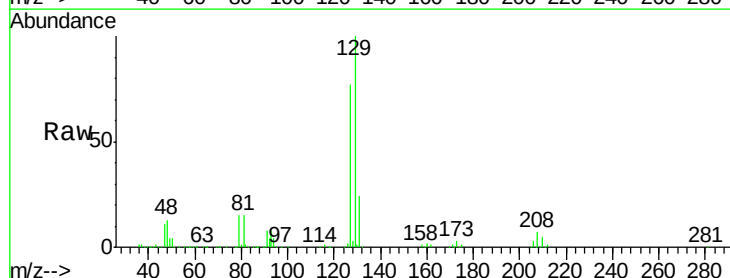
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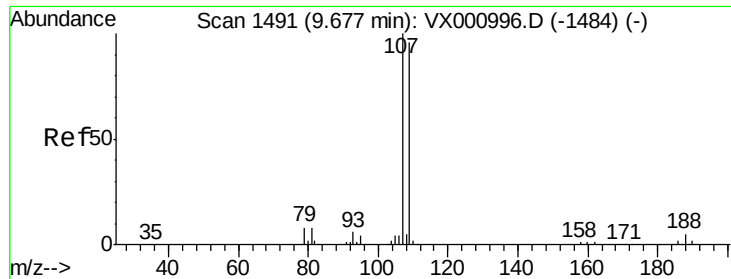
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#60  
Dibromochloromethane  
Concen: 55.59 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Tgt Ion: 129 Resp: 168357  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion:107 Resp: 164976

Ion Ratio Lower Upper

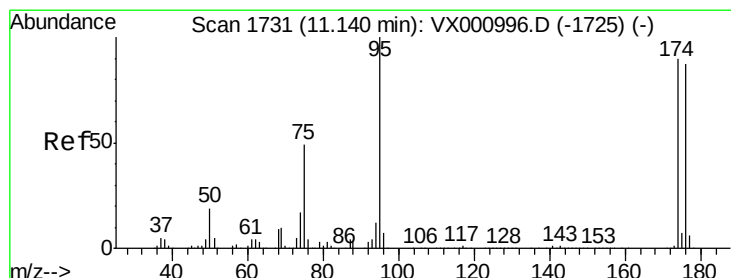
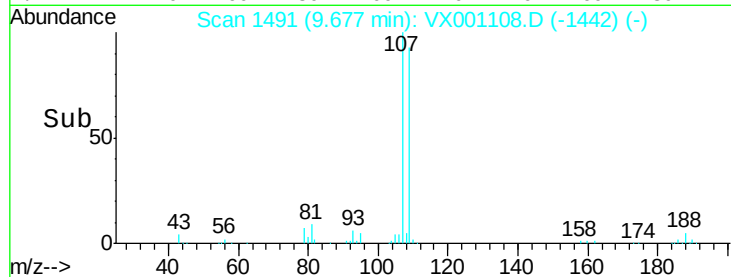
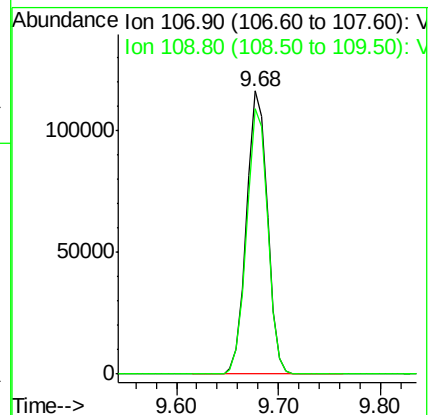
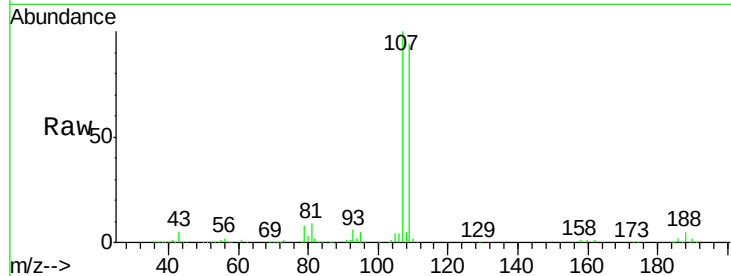
107 100

109 94.1 76.0 114.0

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 48.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

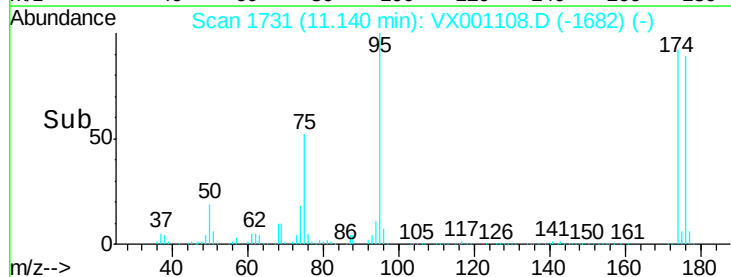
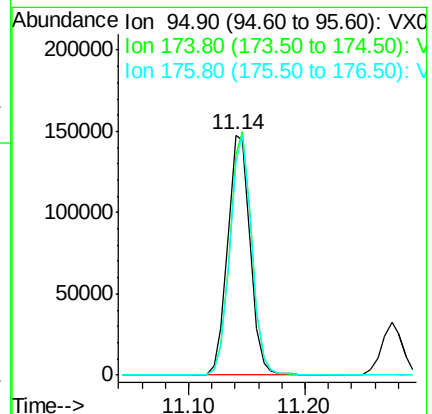
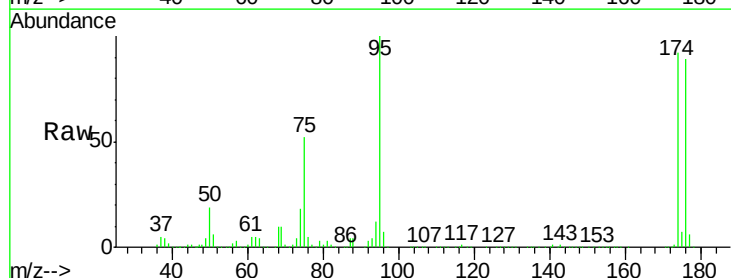
Tgt Ion: 95 Resp: 197128

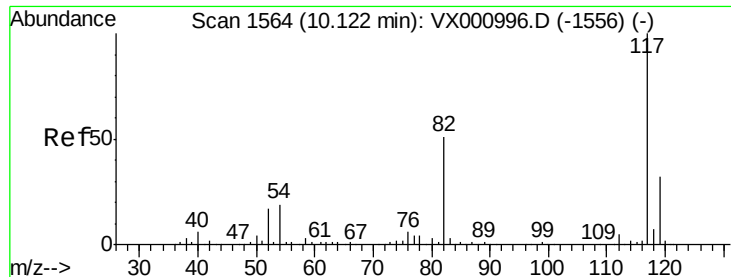
Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 96.8 0.0 192.0





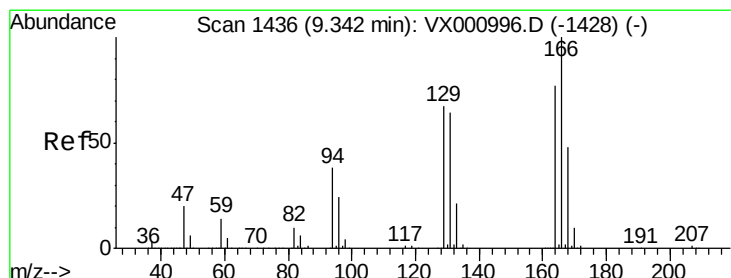
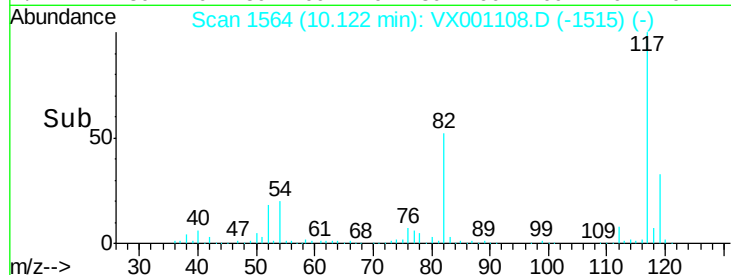
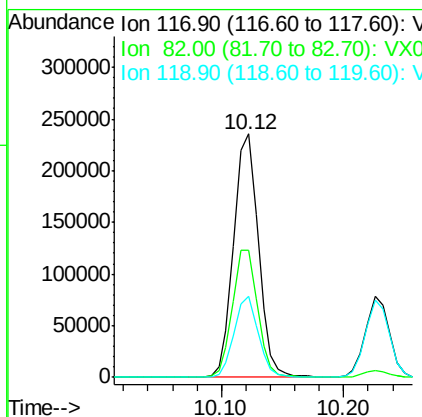
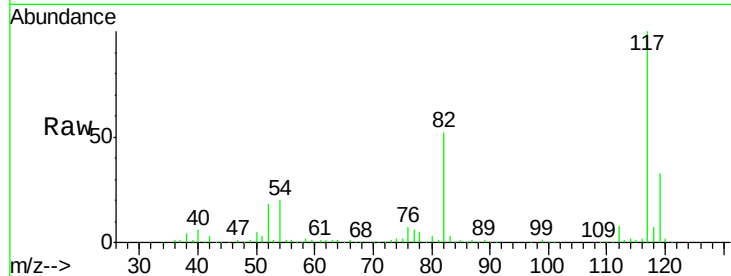
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 40.6  | 60.8  |
| 119     | 33.3  | 26.0  | 39.0  |

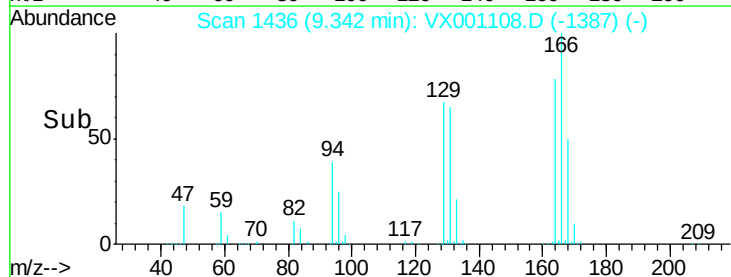
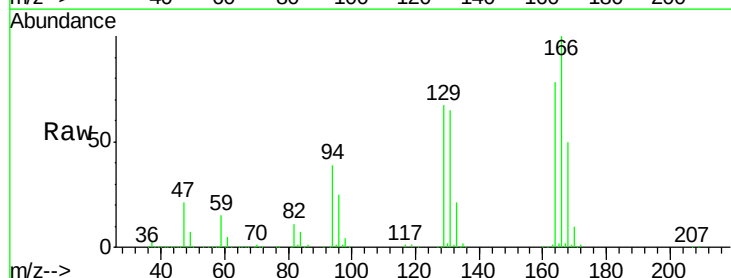
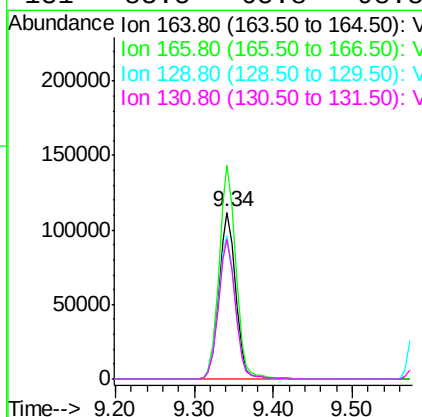
Manual Integrations  
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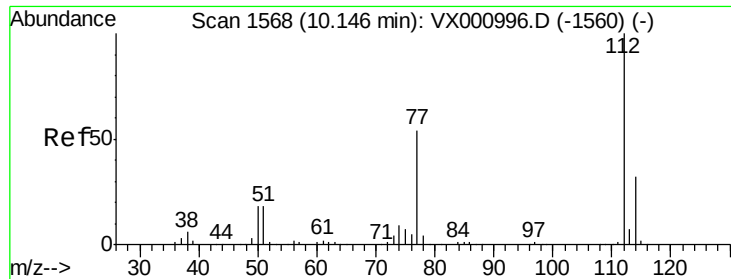
Sohil  
4/26/2018 4:06:31 AM



#64  
Tetrachloroethene  
Concen: 47.41 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.9 | 103.5 | 155.3 |
| 129     | 86.0  | 69.6  | 104.4 |
| 131     | 83.5  | 65.8  | 98.8  |





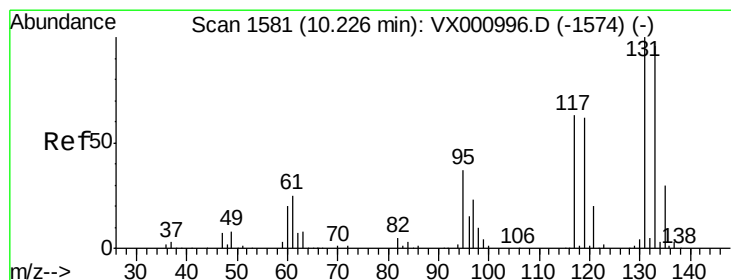
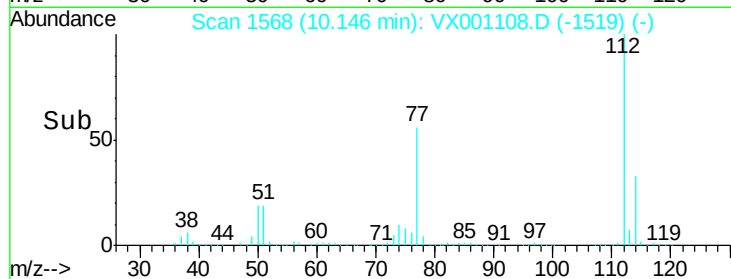
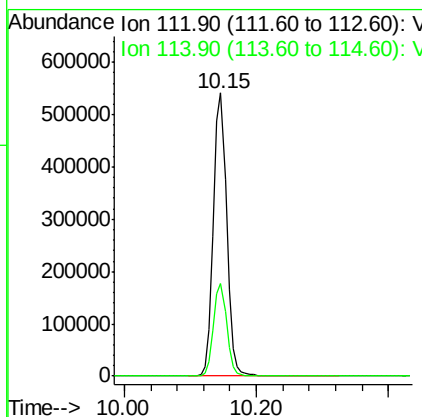
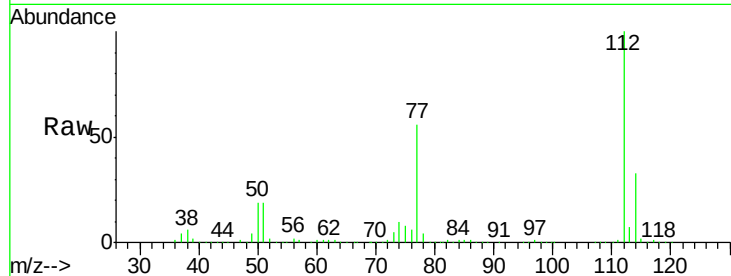
#65  
Chlorobenzene  
Concen: 84.97 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Tot Ion:112 Resp: 748388  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.5 38.3

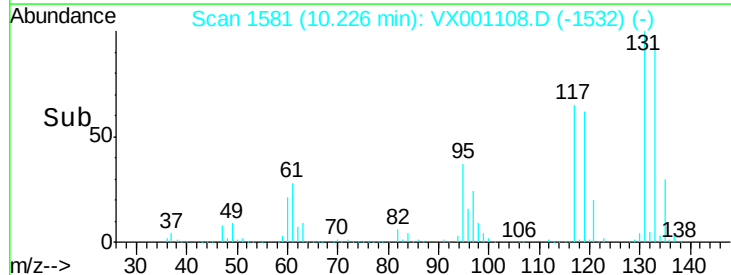
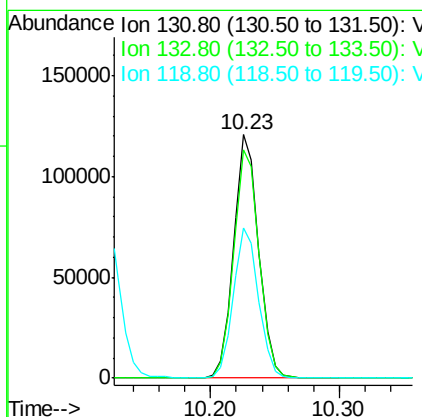
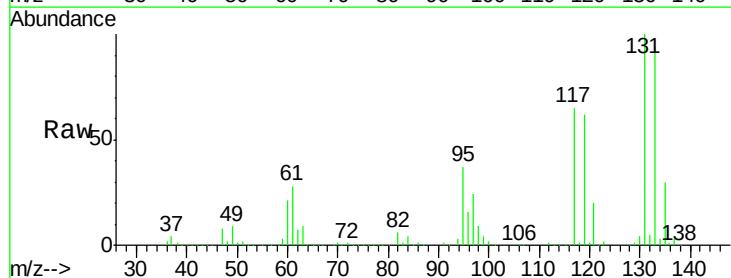
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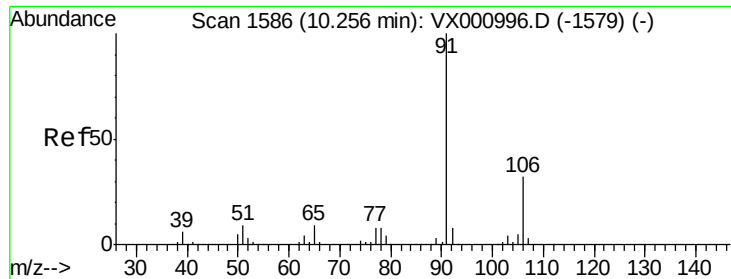
Sohil  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.93 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Tgt Ion:131 Resp: 163043  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.6 142.8  
119 62.1 31.1 93.2





#67

Ethyl Benzene

Concen: 70.89 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 91 Resp: 1036807

Ion Ratio Lower Upper

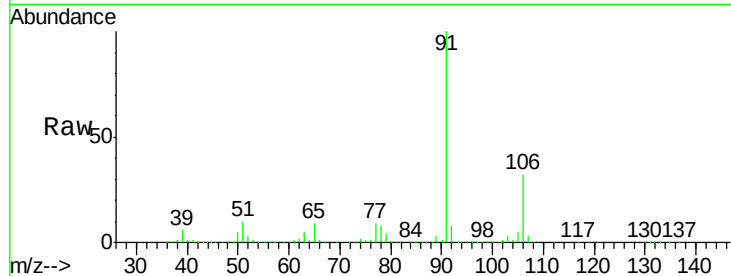
91 100

106 32.1 25.7 38.5

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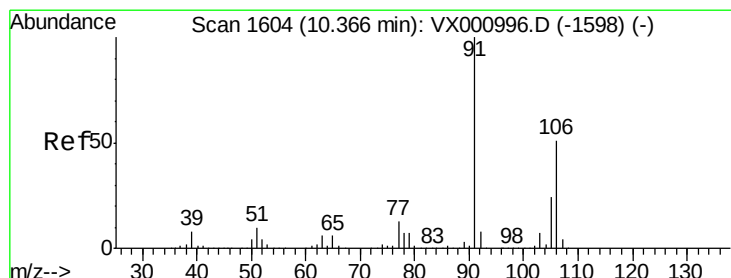
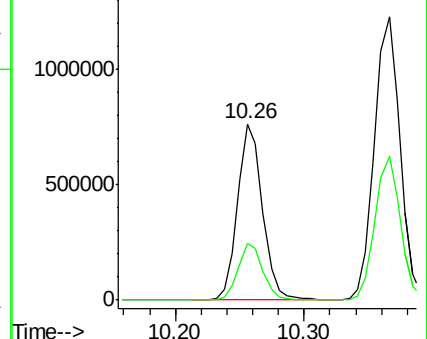
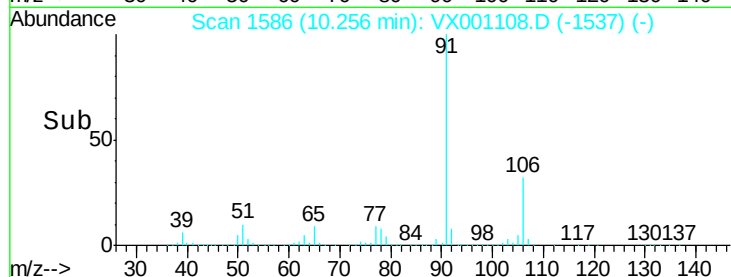
Sohil

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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000996.D (-1579) (-)



#68

m/p-Xylenes

Concen: 147.18 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001108.D

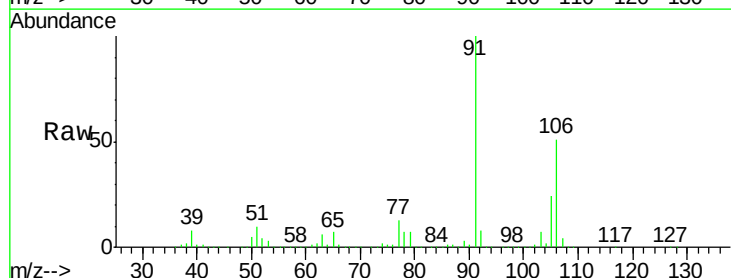
Acq: 25 Apr 2018 05:32

Tgt Ion: 106 Resp: 848473

Ion Ratio Lower Upper

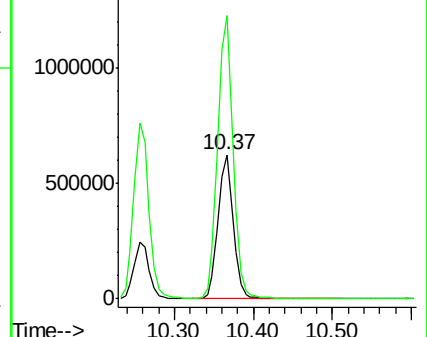
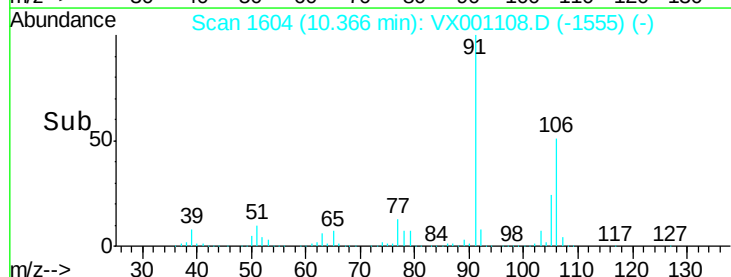
106 100

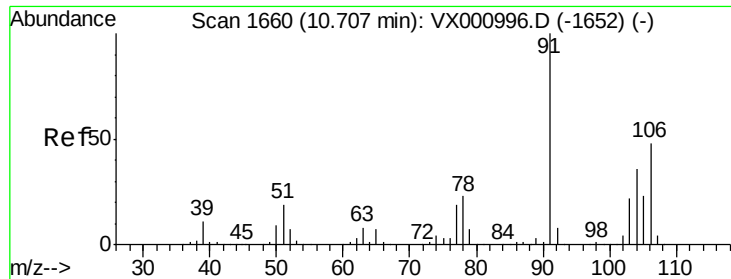
91 199.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000996.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000996.D (-1598) (-)





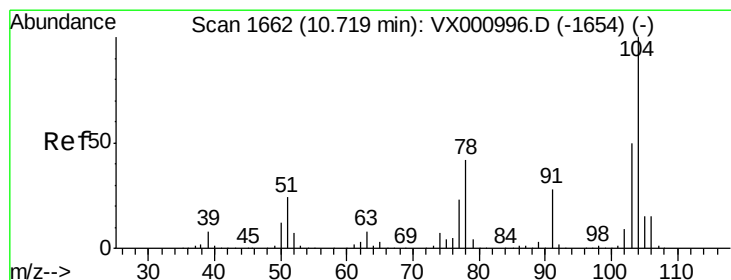
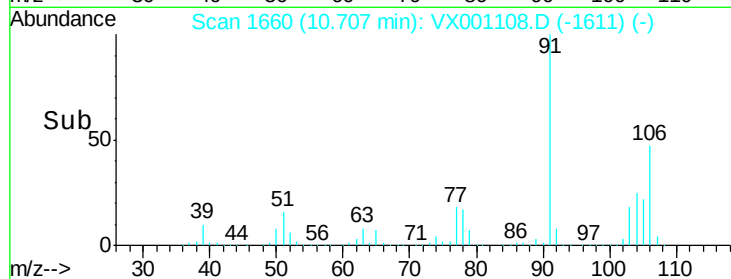
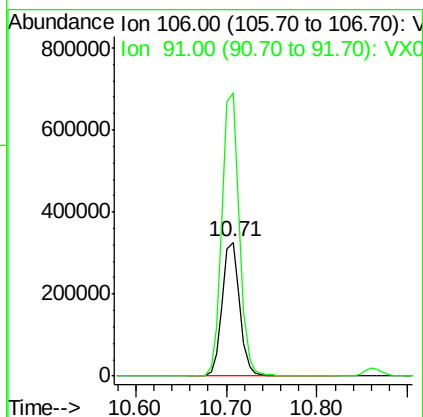
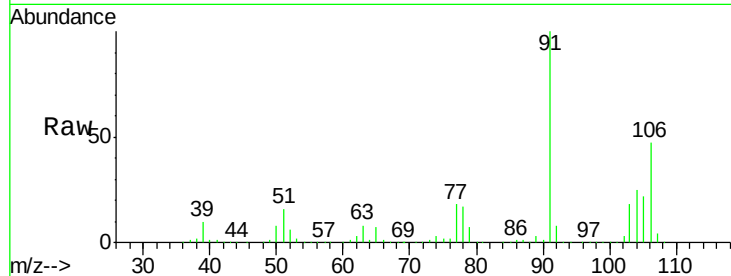
#69  
o-Xylene  
Concen: 78.88 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Tot Ion:106 Resp: 438394  
Ion Ratio Lower Upper  
106 100  
91 212.3 105.1 315.1

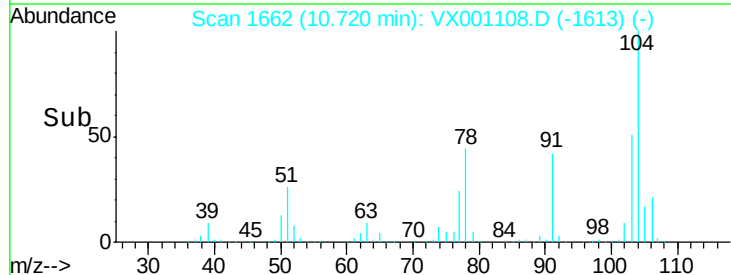
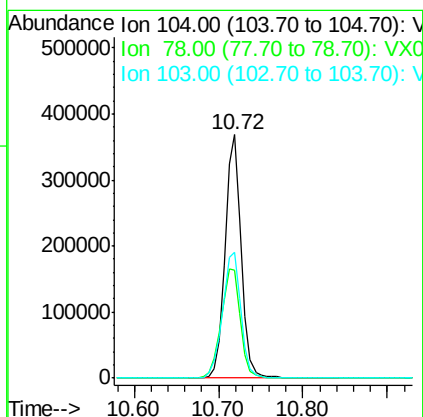
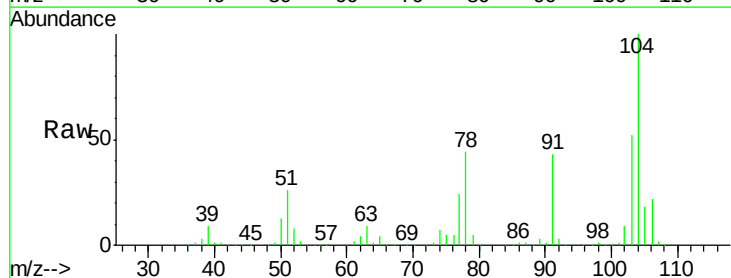
Manual Integrations  
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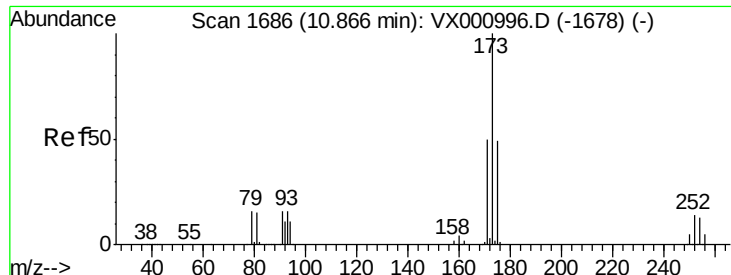
Sohil  
4/26/2018 4:06:31 AM



#70  
Styrene  
Concen: 53.15 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Tgt Ion:104 Resp: 486484  
Ion Ratio Lower Upper  
104 100  
78 53.5 39.4 59.2  
103 59.3 44.2 66.2





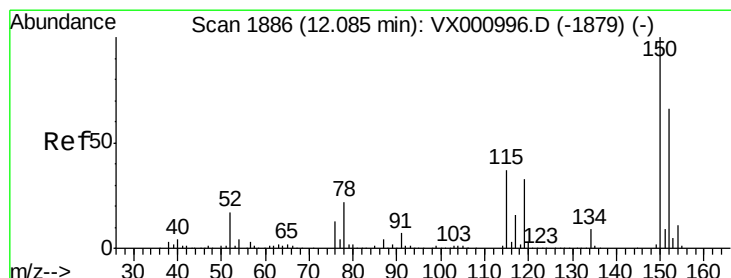
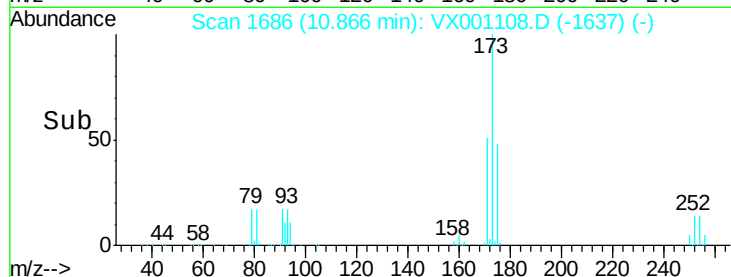
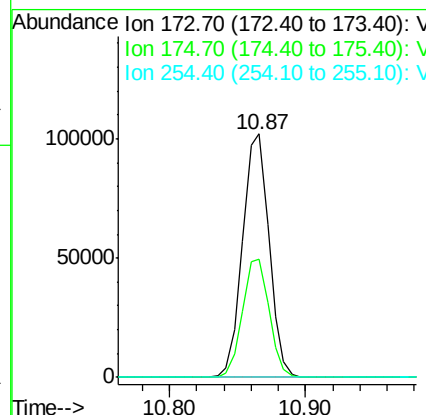
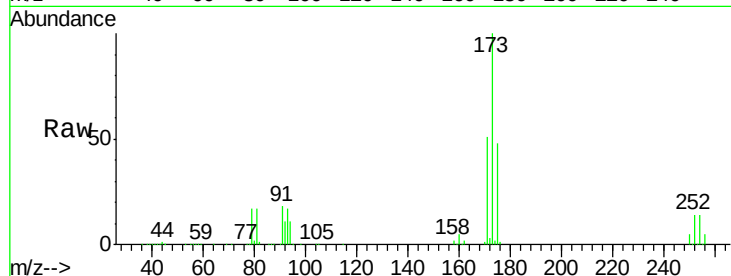
#71  
Bromoform  
Concen: 49.28 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 24.8  | 74.3  |
| 254     | 0.2   | 0.2   | 0.2   |

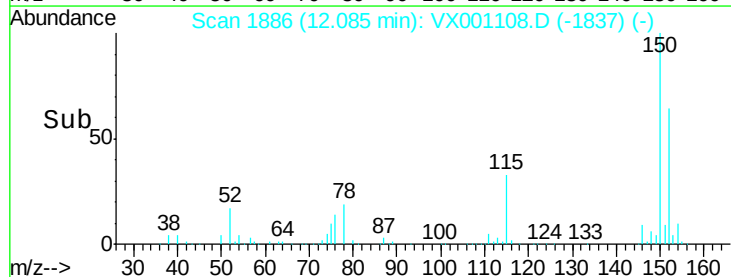
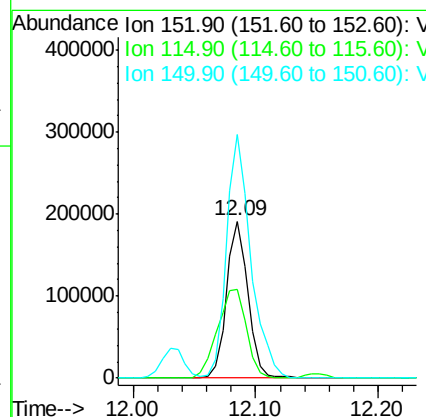
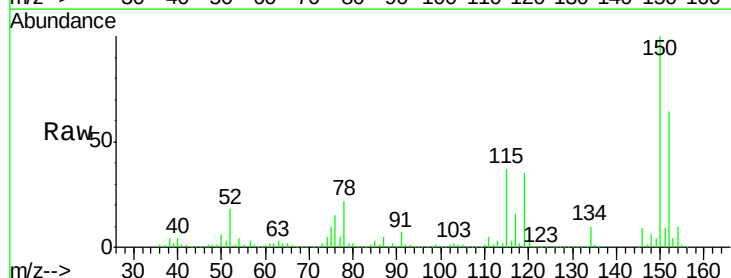
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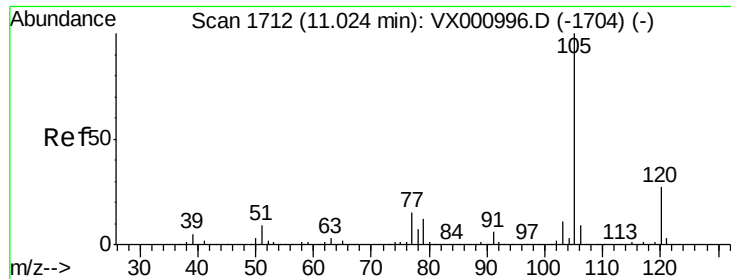


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 76.6  | 38.2  | 114.6 |
| 150     | 177.5 | 0.0   | 350.4 |







#73

Isopropylbenzene

Concen: 52.57 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion:105 Resp: 793320

Ion Ratio Lower Upper

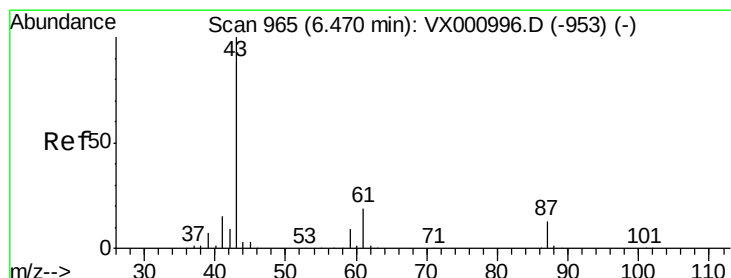
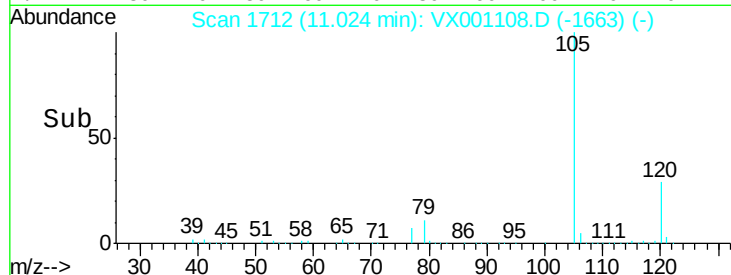
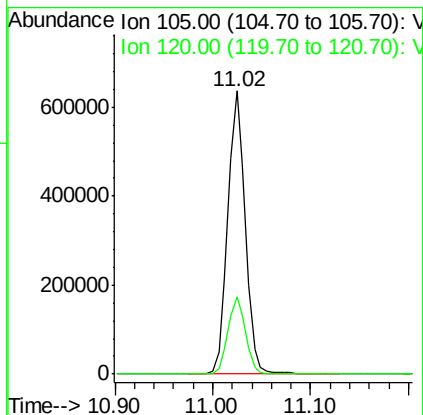
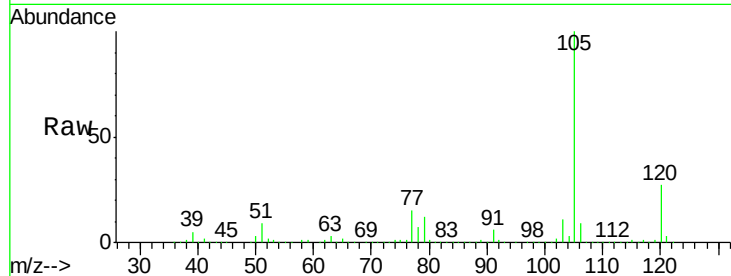
105 100

120 27.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 53.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Tgt Ion: 43 Resp: 342134

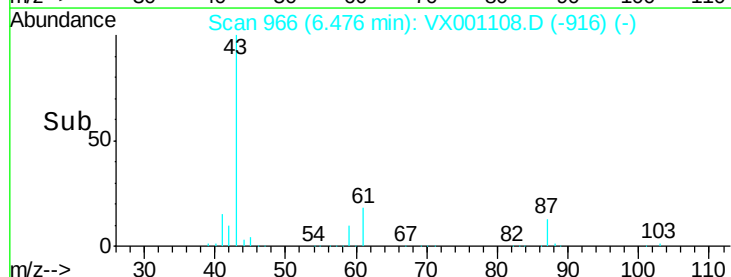
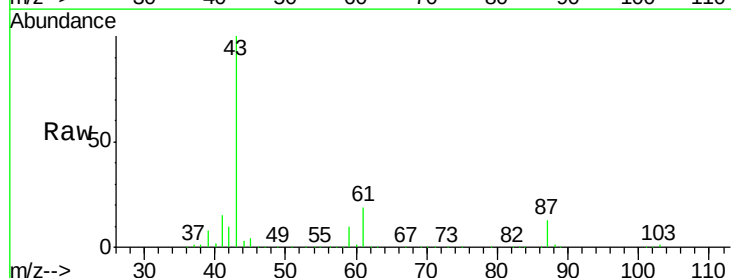
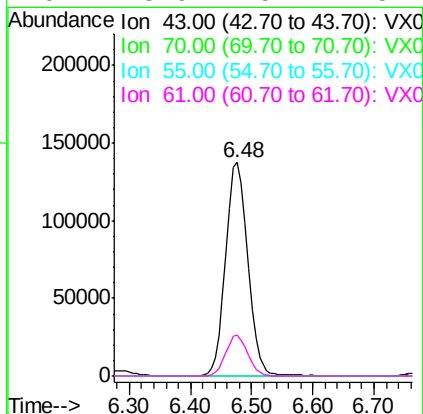
Ion Ratio Lower Upper

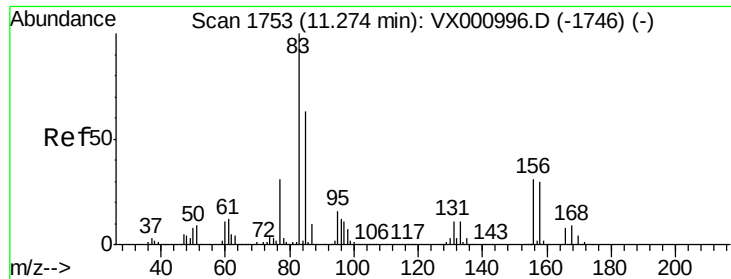
43 100

70 0.2 0.0 0.0#

55 0.1 0.1 0.1

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

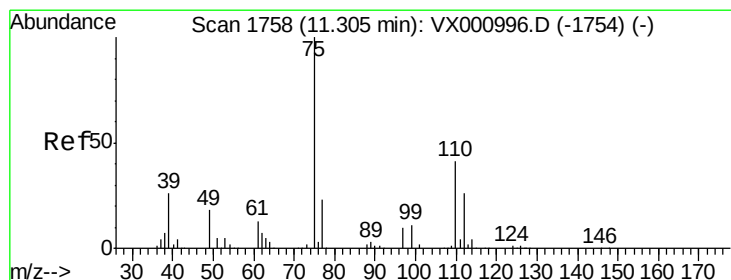
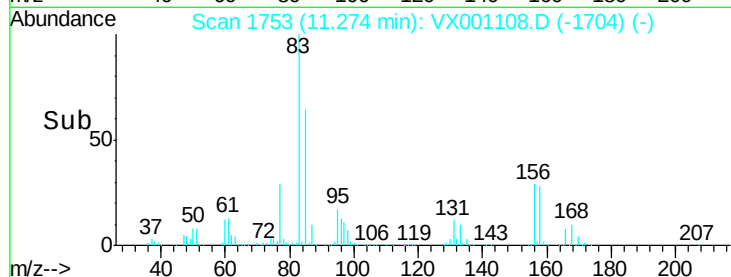
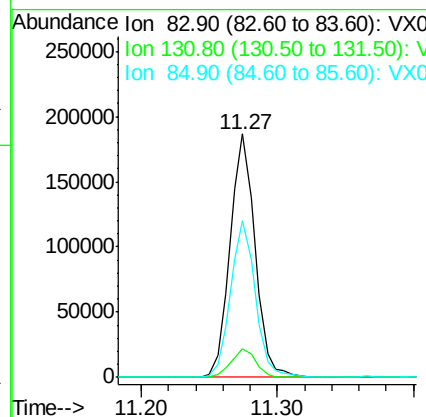
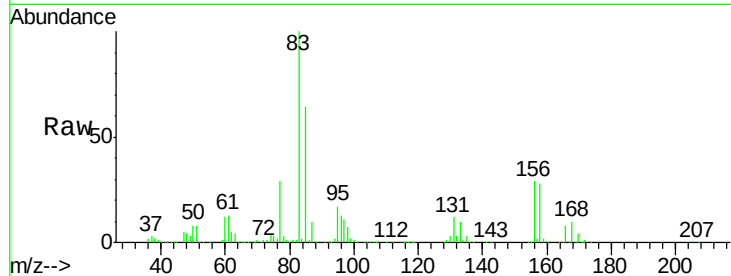
ClientSampleId :

LF001MW001-180418MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 237819 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.8  | 5.8   | 17.4   |
| 85        | 64.3  | 32.0  | 96.2   |

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#76

1,2,3-Trichloropropane

Concen: 53.73 ug/l m

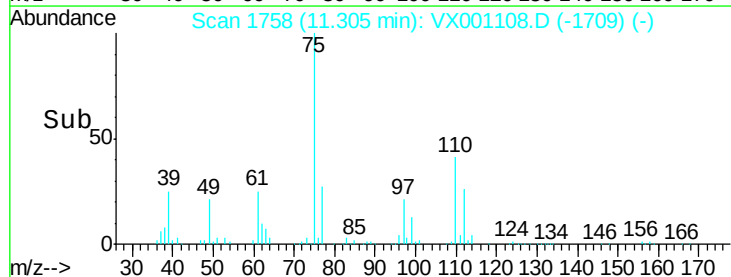
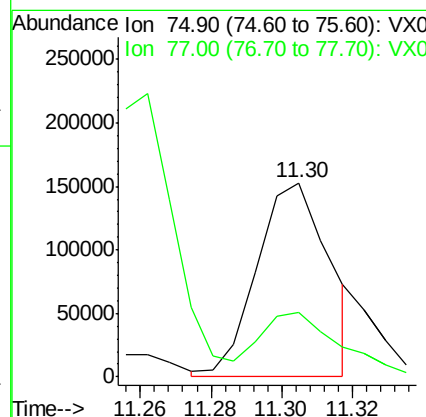
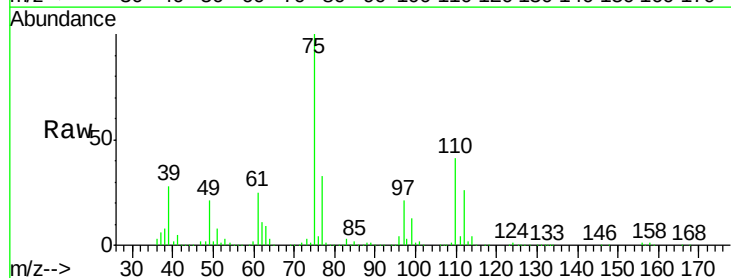
RT: 11.30 min Scan# 1758

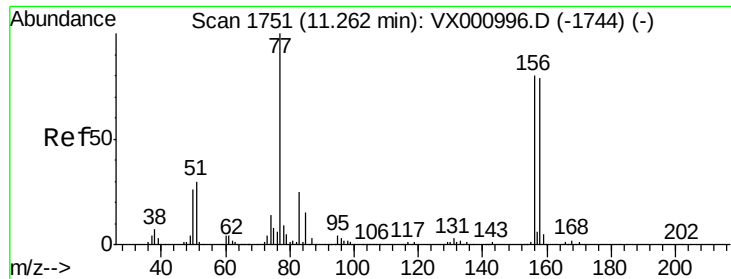
Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 215189 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 37.1  | 19.6  | 58.7   |





#77

Bromobenzene

Concen: 50.37 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

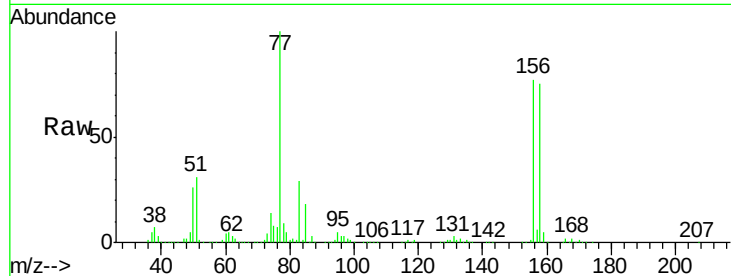
ClientSampleId :

LF001MW001-180418MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 220648 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 135.9 | 66.3  | 199.0  |
| 158       | 97.5  | 48.9  | 146.6  |

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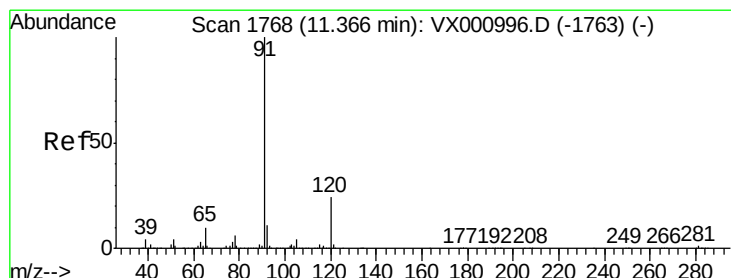
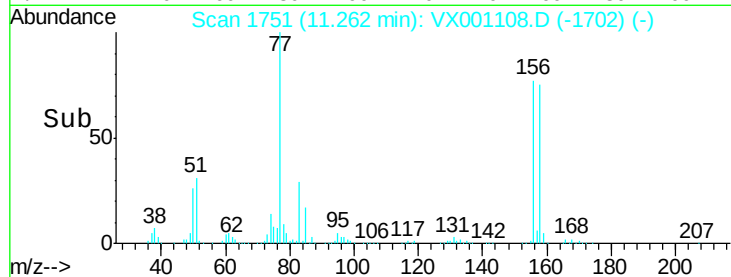
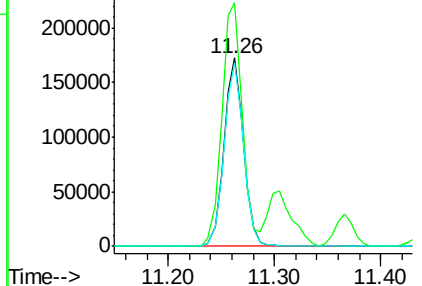
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.97 ug/l

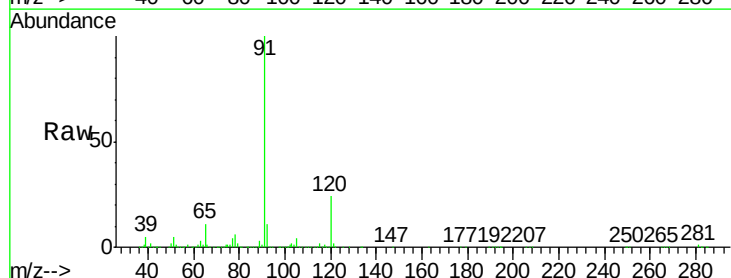
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001108.D

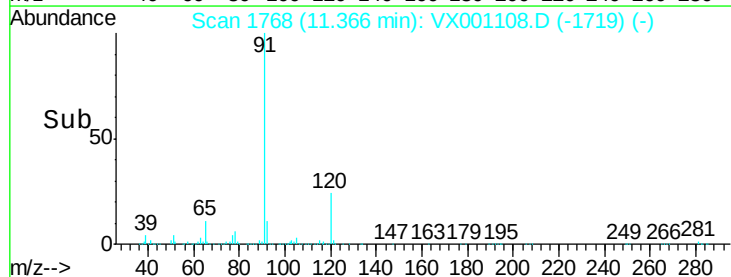
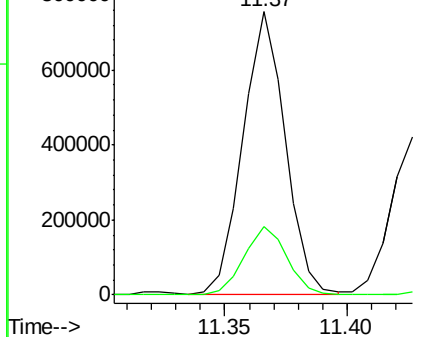
Acq: 25 Apr 2018 05:32

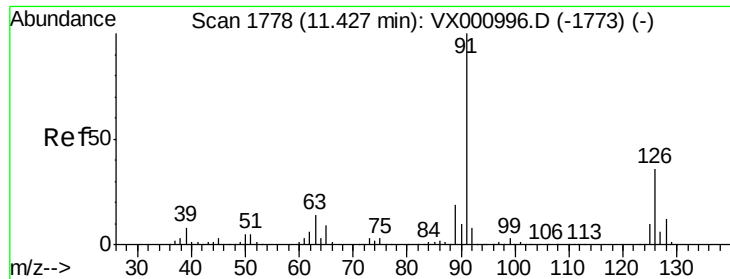
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 900306 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.7  | 12.4  | 37.0   |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion: 91 Resp: 539340

Ion Ratio Lower Upper

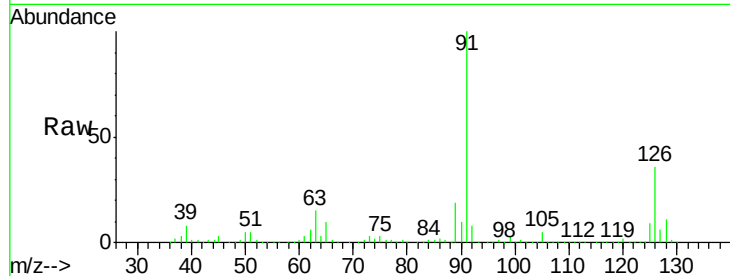
91 100

126 35.4 18.3 54.9

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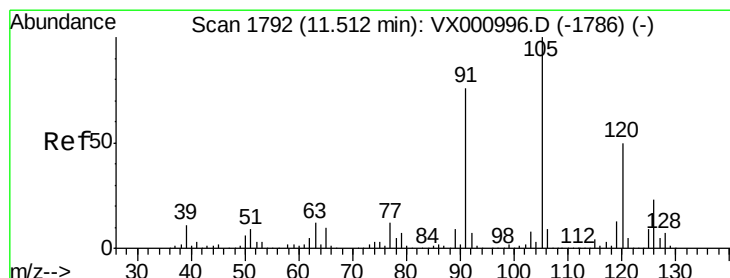
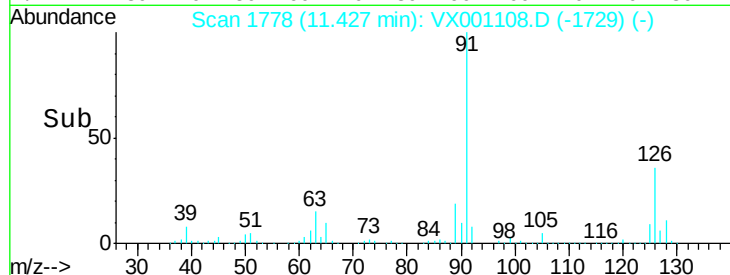
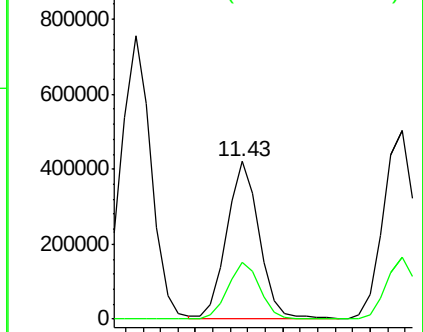
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 60.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001108.D

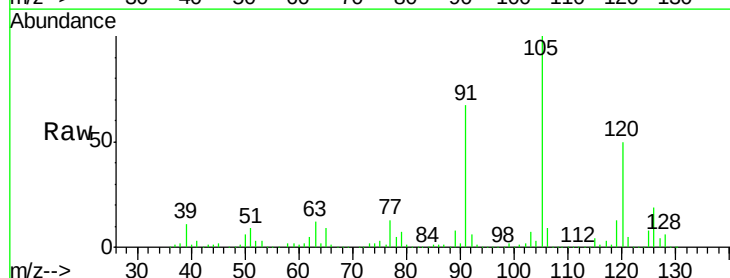
Acq: 25 Apr 2018 05:32

Tgt Ion:105 Resp: 774957

Ion Ratio Lower Upper

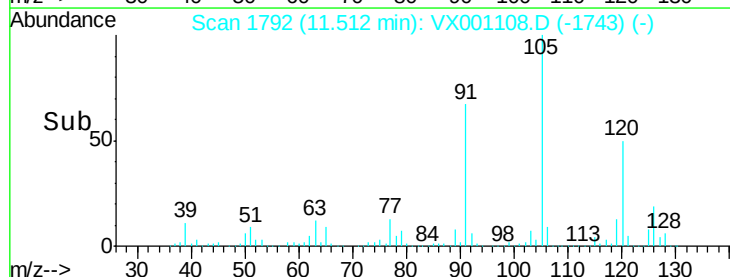
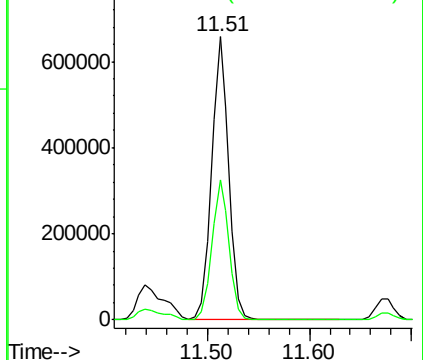
105 100

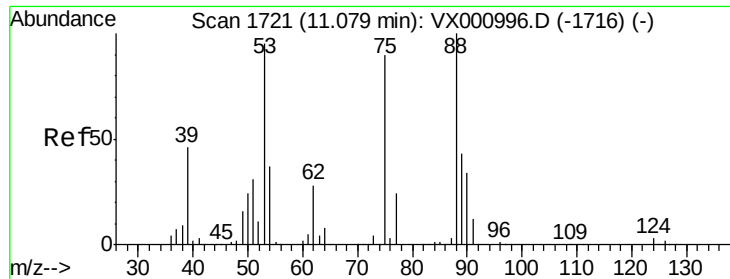
120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





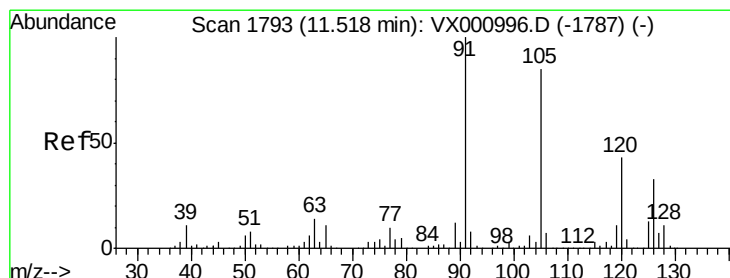
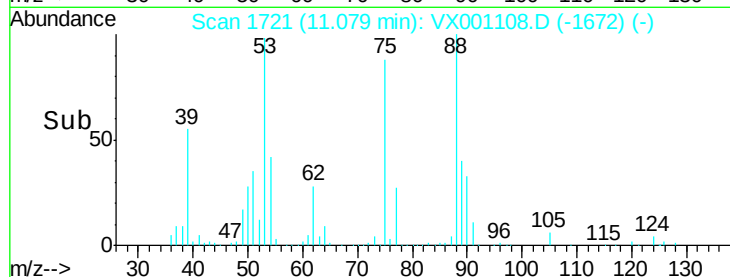
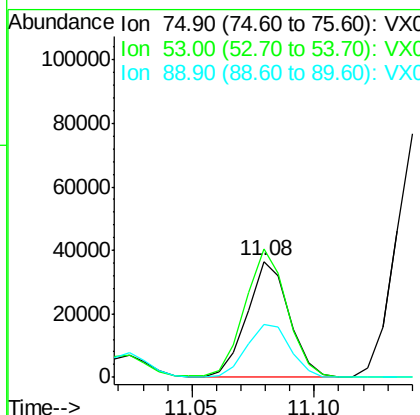
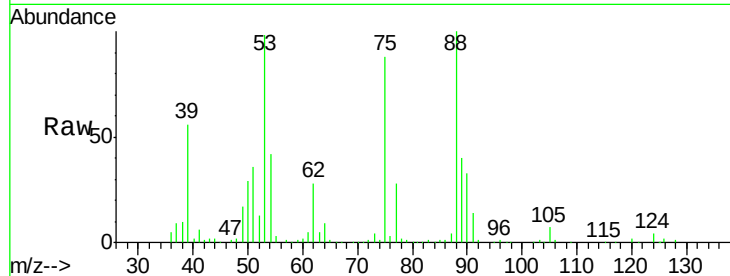
#81  
trans-1,4-Dichloro-2-butene  
Concen: 34.30 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

Tot Ion: 75 Resp: 43343  
Ion Ratio Lower Upper  
75 100  
53 111.4 83.4 125.2  
89 48.5 39.7 59.5

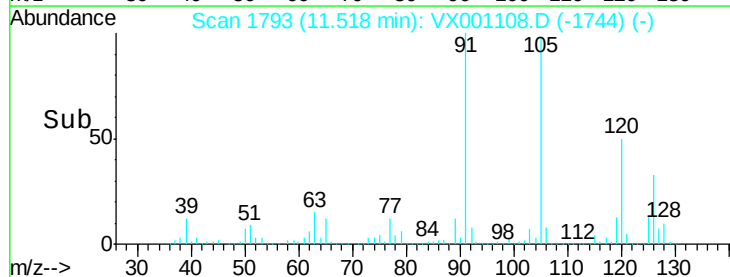
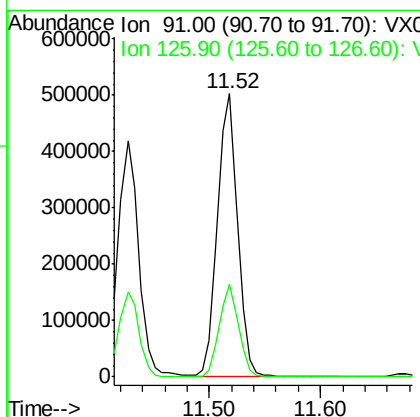
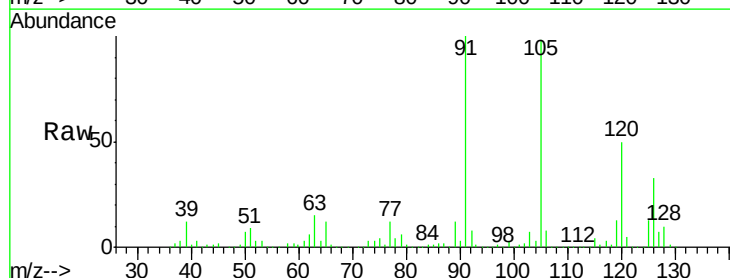
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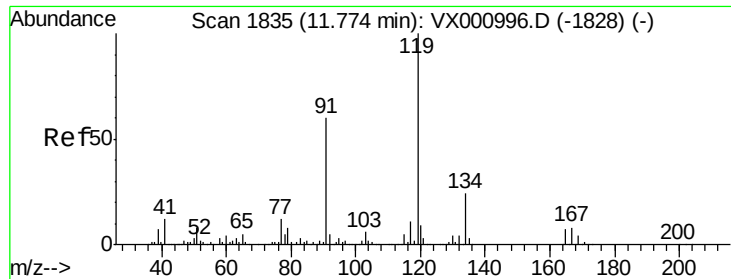
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#82  
4-Chlorotoluene  
Concen: 51.16 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Tgt Ion: 91 Resp: 632804  
Ion Ratio Lower Upper  
91 100  
126 31.3 16.2 48.5





#83

tert-Butylbenzene

Concen: 51.65 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

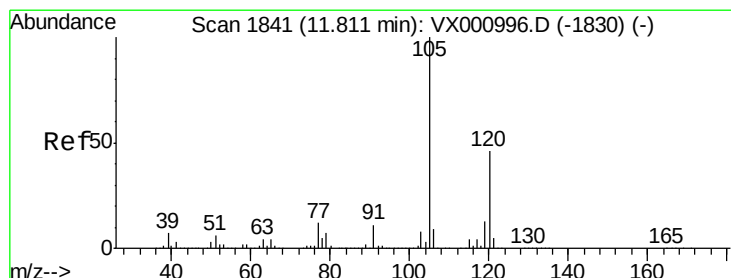
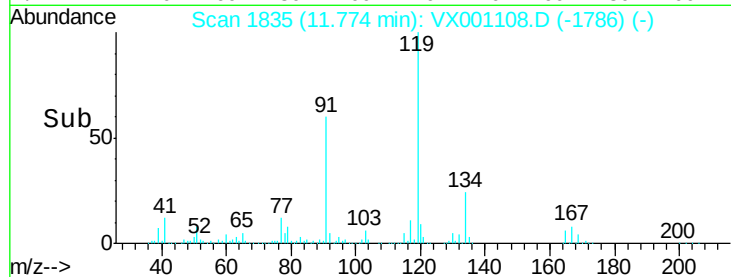
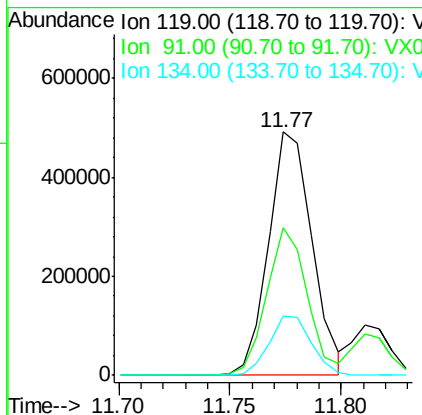
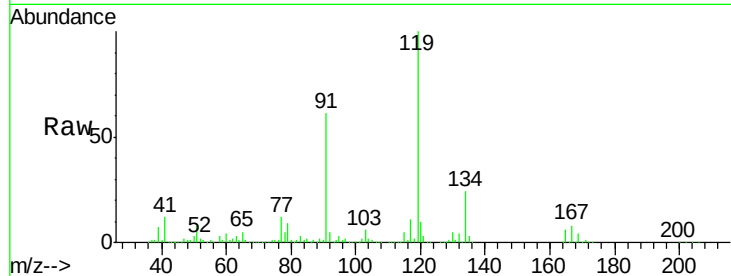
ClientSampleId :

LF001MW001-180418MSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:119 | Resp: | 666444    |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 91          | 56.6  | 27.0 81.0 |
| 134         | 23.9  | 11.6 34.7 |

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#84

1,2,4-Trimethylbenzene

Concen: 74.99 ug/l

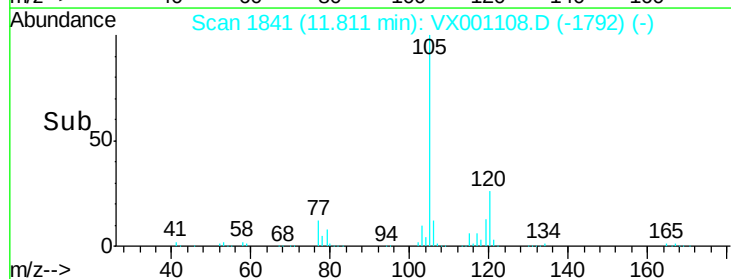
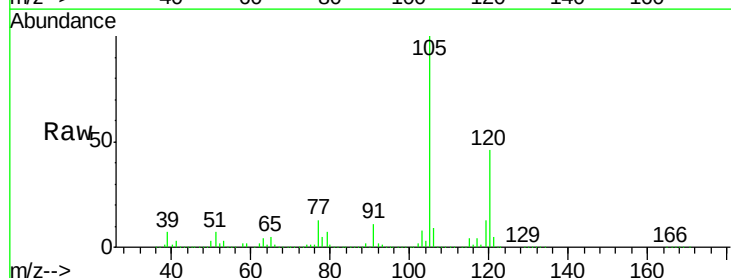
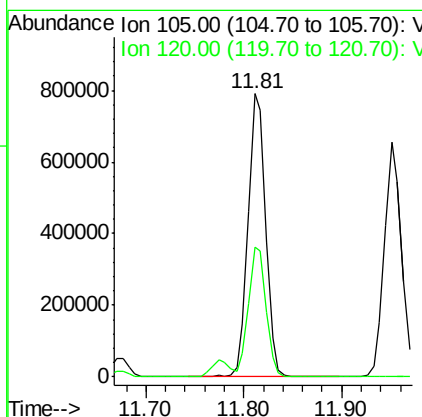
RT: 11.81 min Scan# 1841

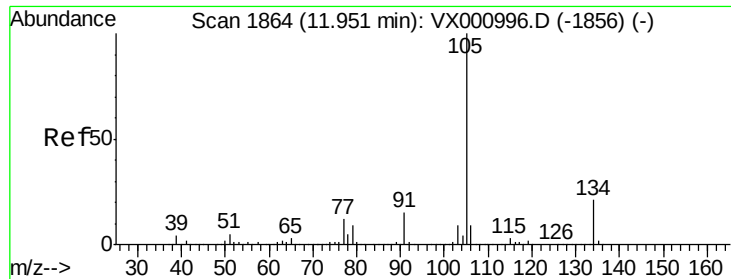
Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 987147    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 45.7  | 23.0 69.0 |





#85

sec-Butylbenzene

Concen: 51.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion:105 Resp: 795714

Ion Ratio Lower Upper

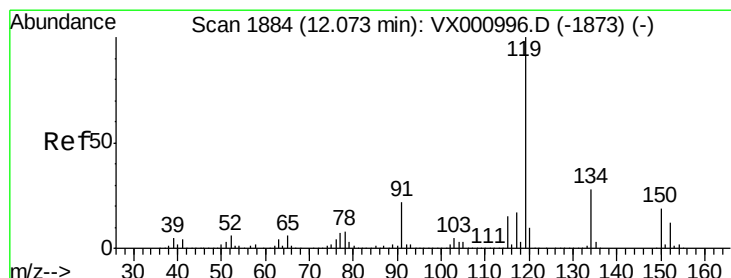
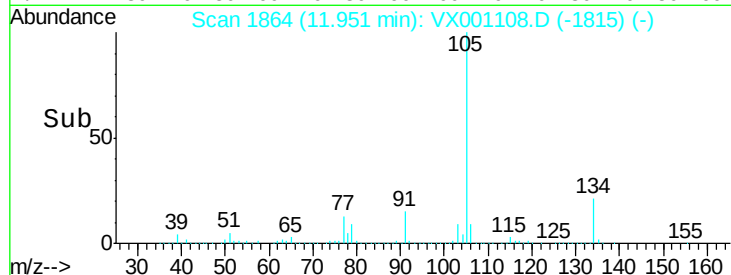
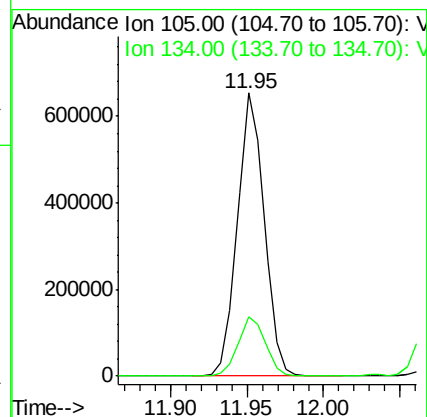
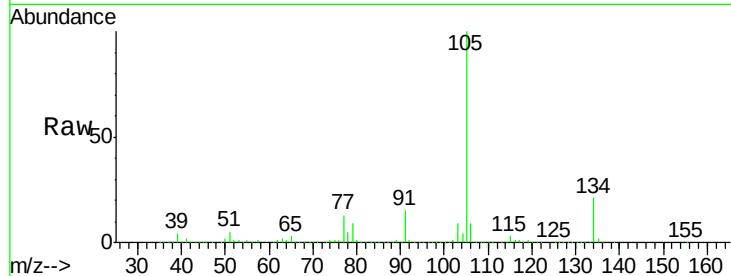
105 100

134 21.3 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 51.33 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

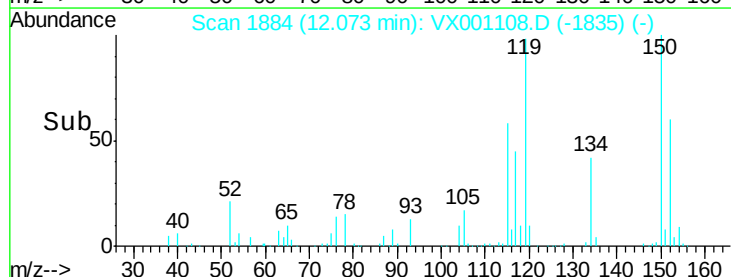
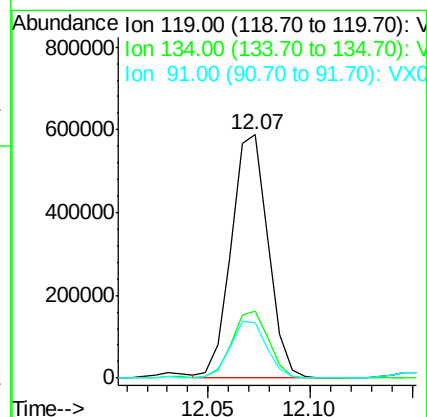
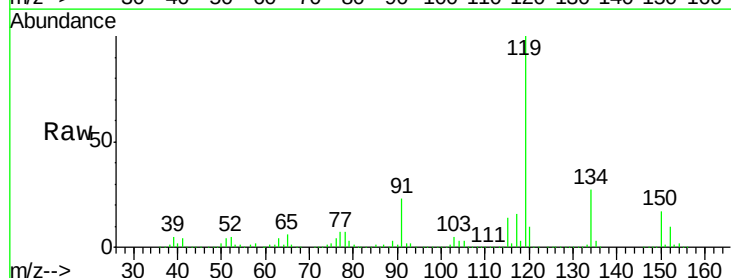
Tgt Ion:119 Resp: 731453

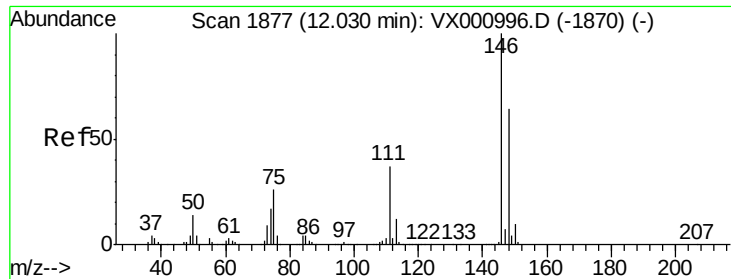
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 23.1 11.4 34.1





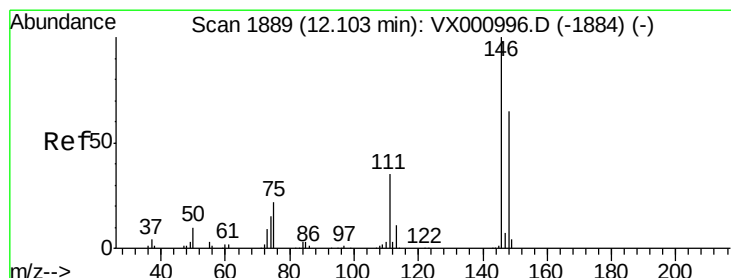
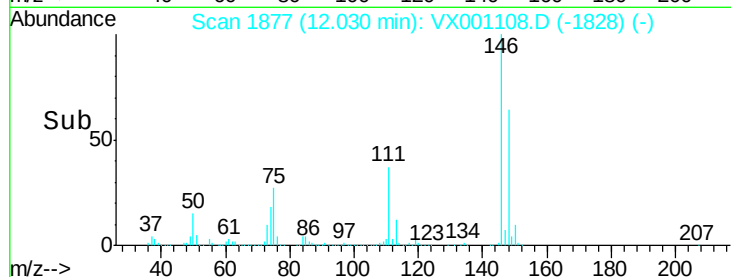
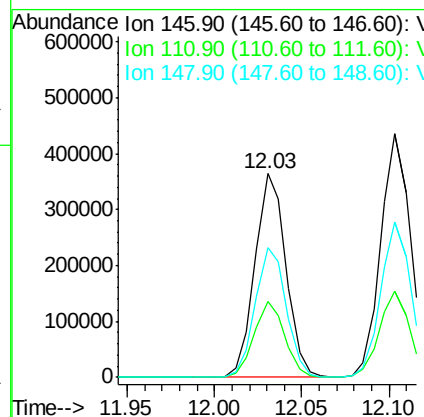
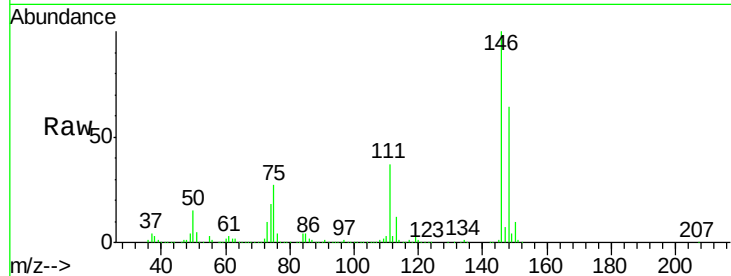
#87  
 1,3-Dichlorobenzene  
 Concen: 54.77 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.3  | 54.8  |
| 148     | 63.8  | 32.2  | 96.6  |

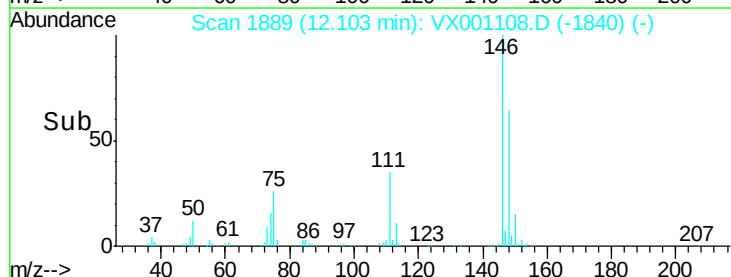
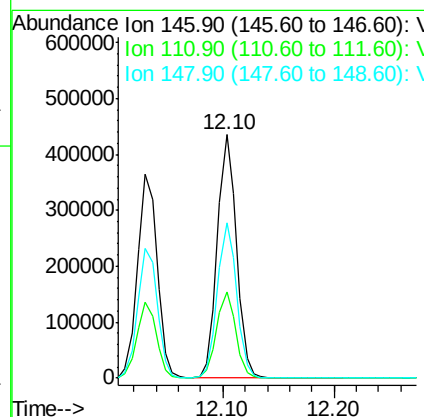
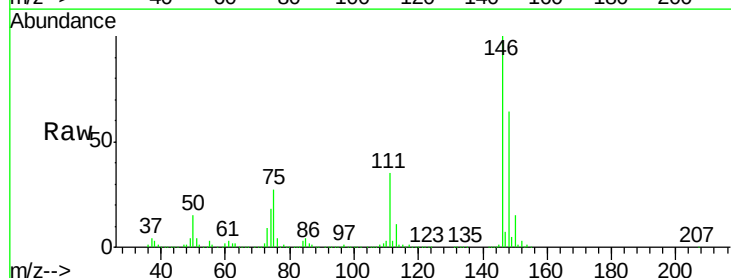
Manual Integrations  
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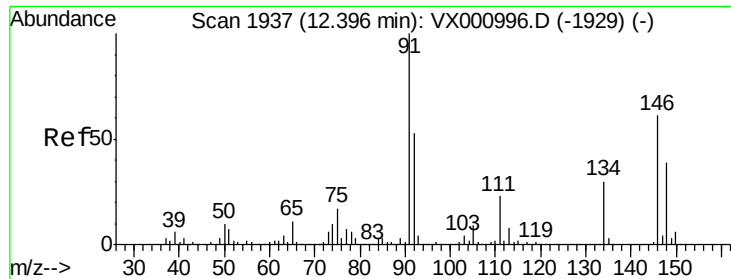


#88  
 1,4-Dichlorobenzene  
 Concen: 61.87 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.6  | 18.0  | 54.0  |
| 148     | 64.2  | 32.4  | 97.0  |







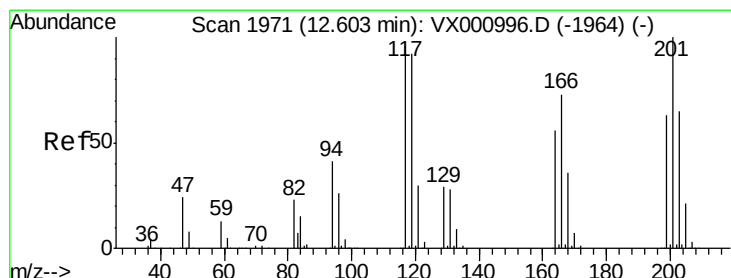
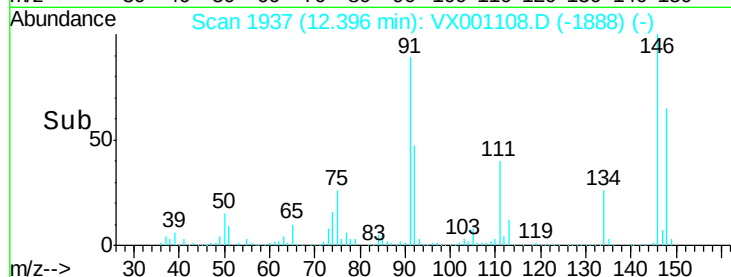
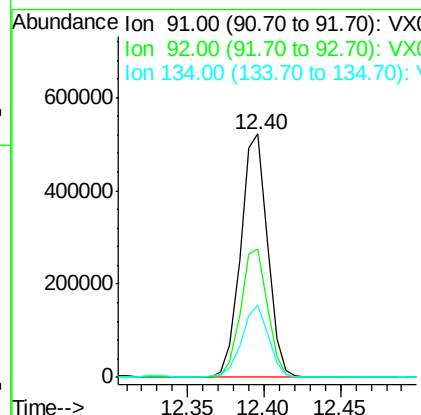
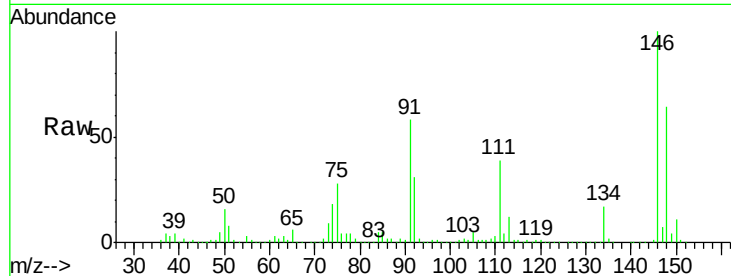
#89  
n-Butylbenzene  
Concen: 49.94 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW001-180418MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.3  | 78.9  |
| 134     | 29.6  | 14.4  | 43.0  |

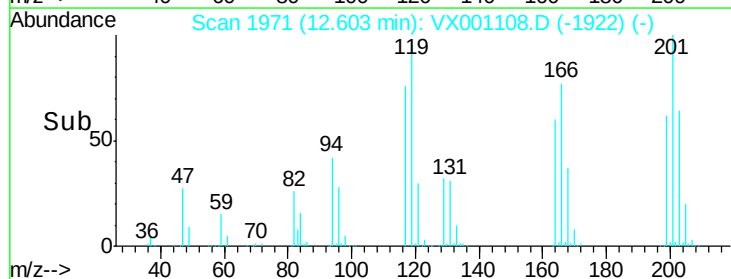
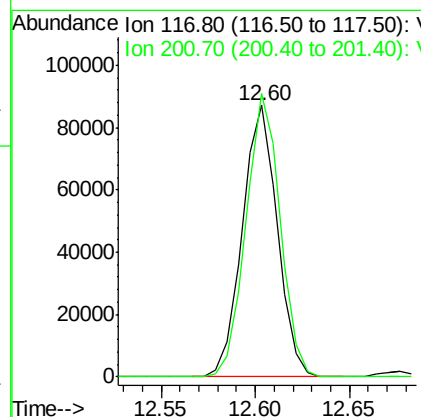
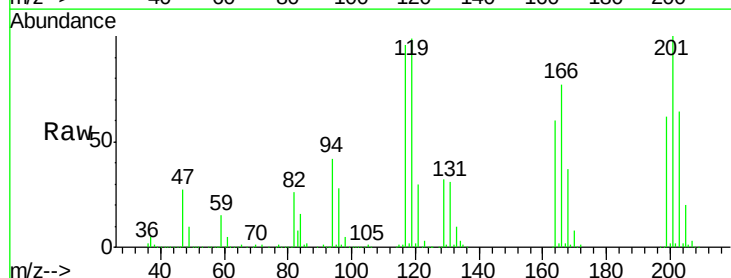
Manual Integrations  
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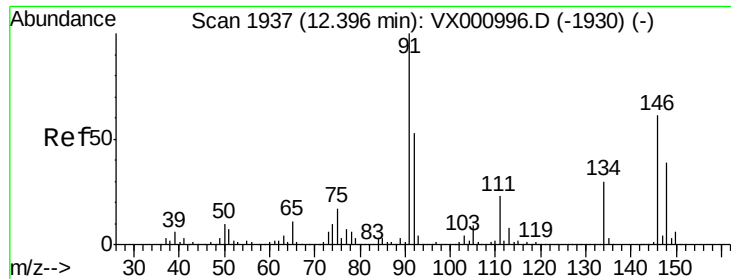
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#90  
Hexachloroethane  
Concen: 55.43 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX001108.D  
Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 101.8 | 52.3  | 157.1 |





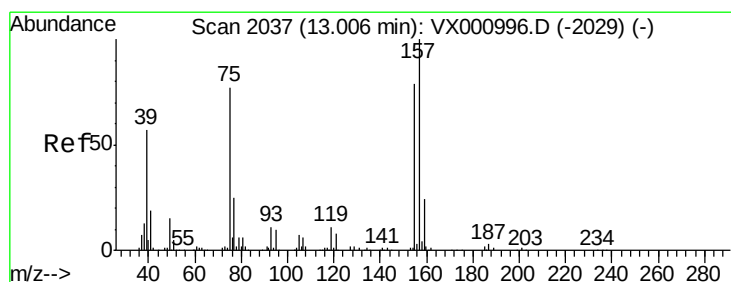
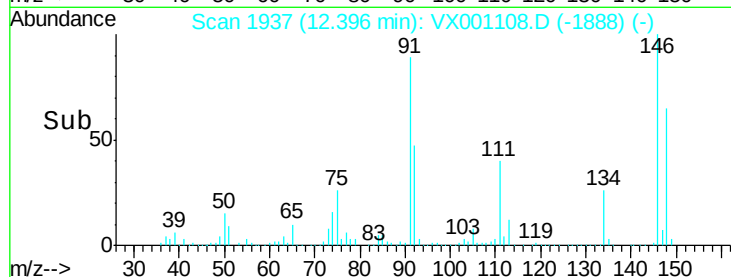
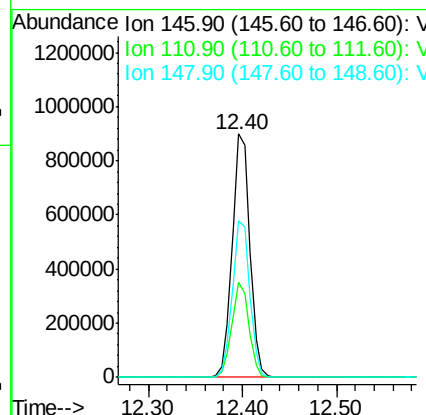
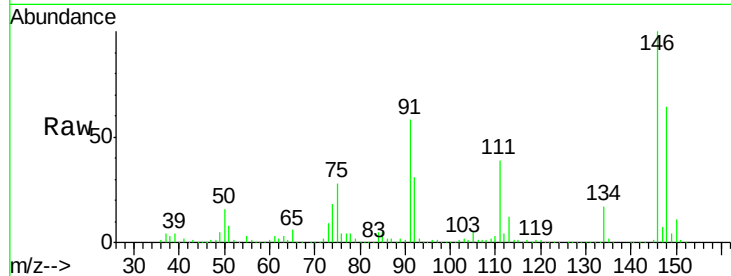
#91  
 1,2-Dichlorobenzene  
 Concen: 146.84 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

Tot Ion:146 Resp: 1165715  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 18.6 56.0  
 148 64.2 32.3 96.8

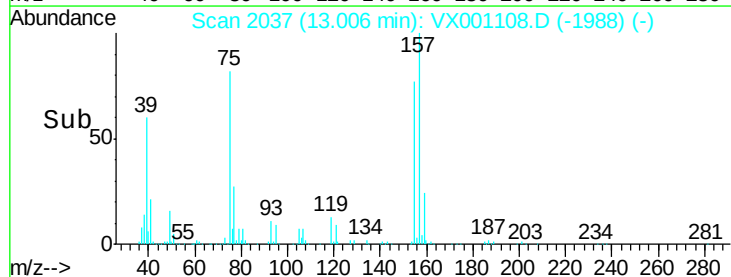
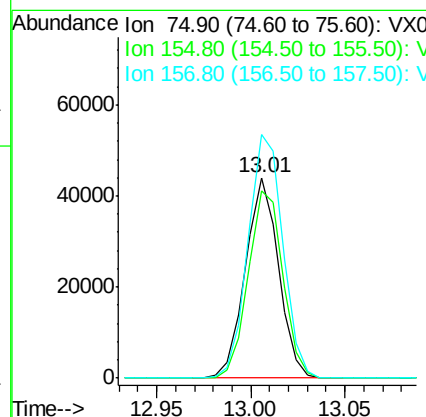
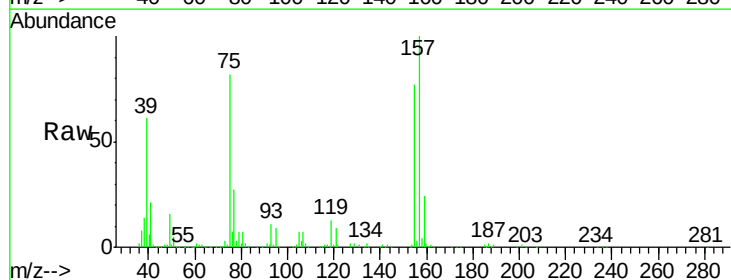
Manual Integrations  
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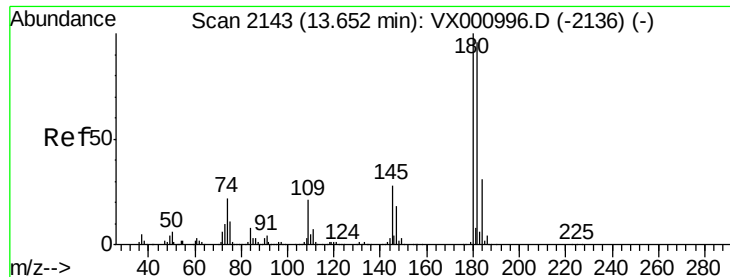
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 60.05 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Tgt Ion: 75 Resp: 53742  
 Ion Ratio Lower Upper  
 75 100  
 155 97.5 51.0 153.0  
 157 127.4 64.9 194.7





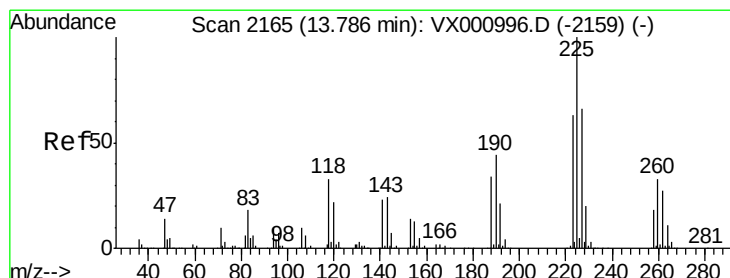
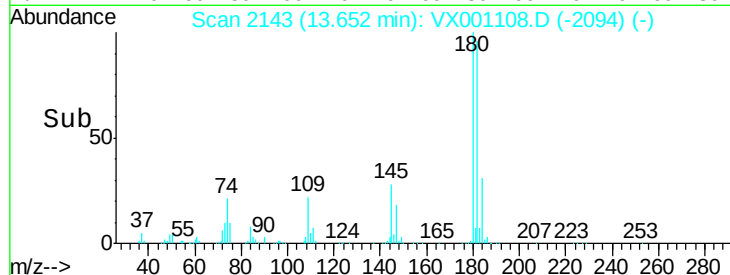
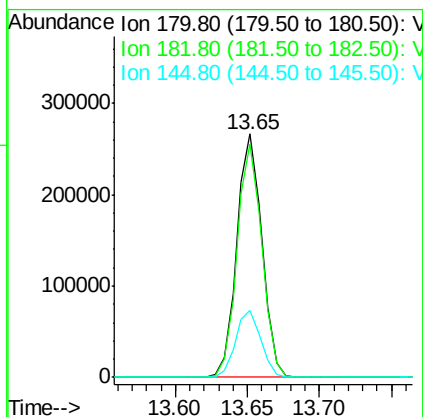
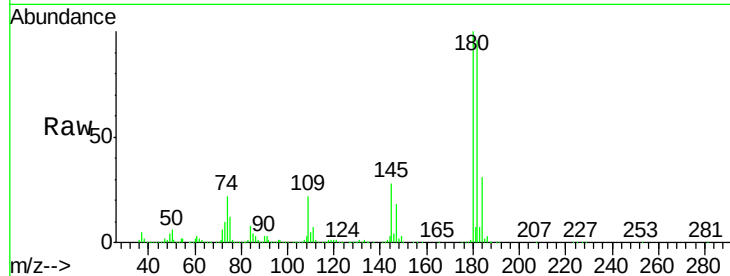
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.34 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW001-180418MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 322117 |       |       |
| 182     | 95.2  | 48.0   | 144.0 |       |
| 145     | 27.9  | 13.9   | 41.7  |       |

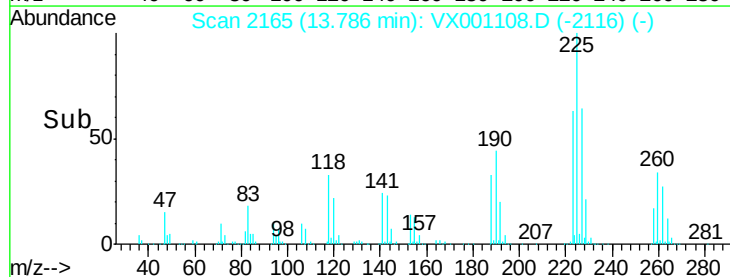
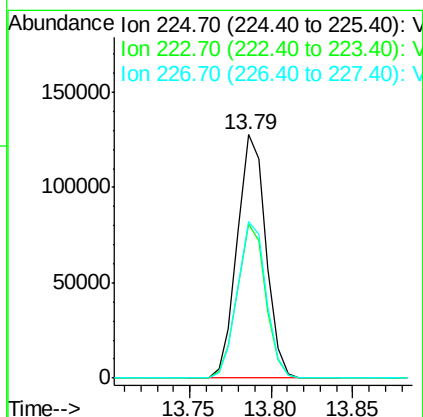
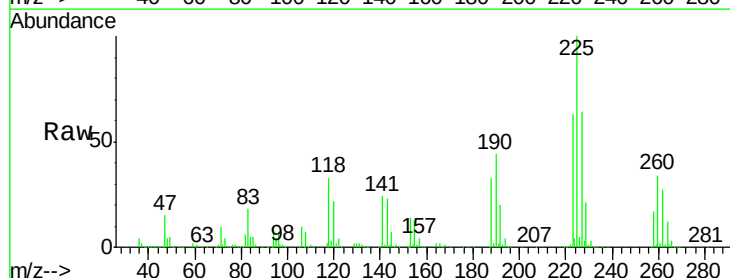
Manual Integrations  
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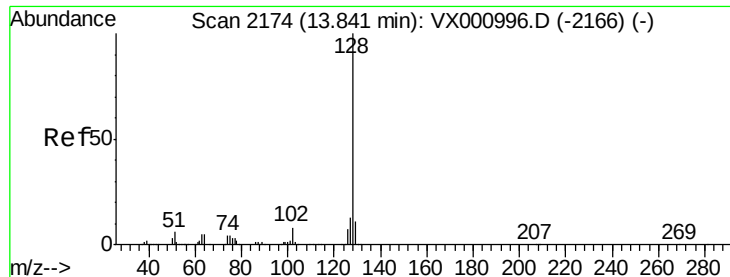
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#94  
 Hexachlorobutadiene  
 Concen: 52.05 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX001108.D  
 Acq: 25 Apr 2018 05:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 156955 |       |       |
| 223     | 62.6  | 31.5   | 94.5  |       |
| 227     | 64.0  | 32.6   | 97.8  |       |





#95

Naphthalene

Concen: 71.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW001-180418MSD

Tot Ion:128 Resp: 1172860

Ion Ratio Lower Upper

128 100

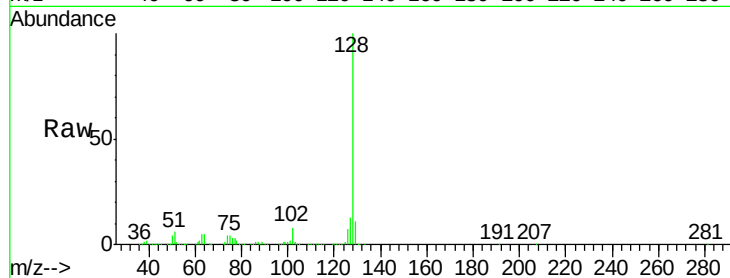
127 13.0 10.2 15.4

129 10.9 8.7 13.1

Manual Integrations  
APPROVED

Sohil

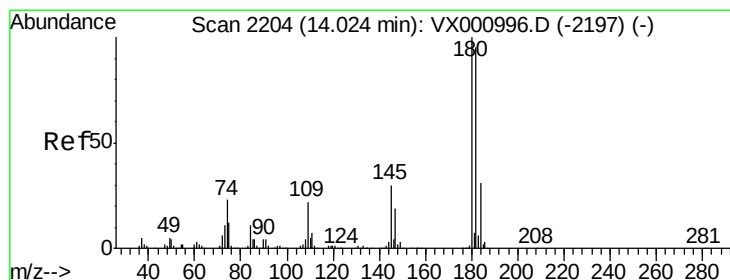
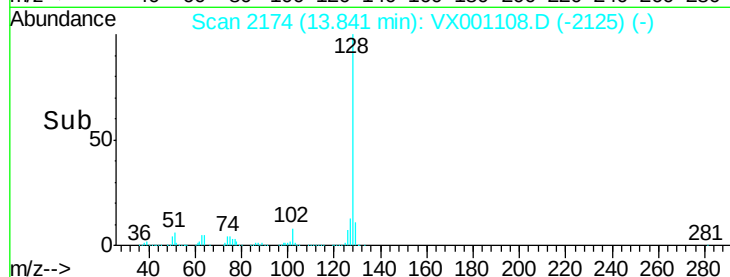
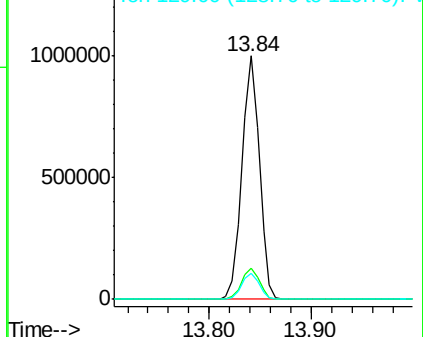
4/26/2018 4:06:31 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.48 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001108.D

Acq: 25 Apr 2018 05:32

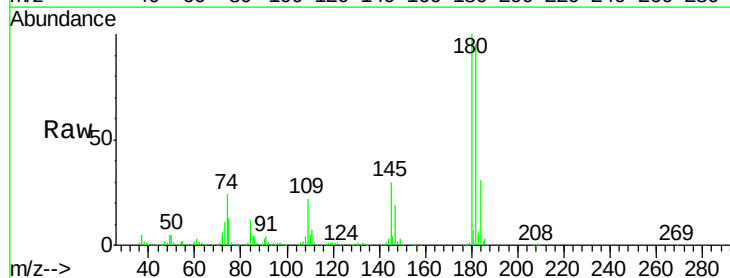
Tgt Ion:180 Resp: 325362

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.0 14.5 43.6



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

