

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\  
 Data File : VX011269.D  
 Acq On : 01 Aug 2019 19:43  
 Operator : JC/SP  
 Sample : VX0801WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/2/2019 9:05:07 AM

Quant Time: Aug 02 02:21:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 159544   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 237024   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 216412   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 110795   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 75857    | 47.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.42% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 72736    | 47.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.00% |      |
| 50) Toluene-d8            | 8.71   | 98  | 276037   | 47.26 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.52% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 94468    | 45.30 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.60% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 22567  | 18.314  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 25651  | 18.537  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 27963  | 18.371  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 23445  | 21.597  | ug/l | 97     |
| 6) Chloroethane               | 1.71 | 64  | 19317  | 18.868  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 49731  | 18.375  | ug/l | 96     |
| 8) Diethyl Ether              | 2.18 | 74  | 18350  | 18.988  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 26082  | 17.811  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 27544  | 14.919  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 32333  | 100.932 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 26460  | 18.228  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 18215  | 91.215  | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 35634  | 18.414  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 72235  | 94.480  | ug/l | 98     |
| 16) Acetone                   | 2.43 | 43  | 60647  | 79.303  | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 61901  | 18.172  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 32159  | 18.401  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 80487  | 18.815  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 29991  | 17.907  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 28011  | 18.242  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.85 | 45  | 78215  | 18.390  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.81 | 43  | 332911 | 94.373  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 45939  | 18.317  | ug/l | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 97630  | 89.745  | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 32274  | 16.555  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 32994  | 18.655  | ug/l | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 20896  | 18.276  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 61451  | 92.127  | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 49942  | 18.322  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 38362  | 18.541  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 42243  | 18.091  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 36097  | 17.443  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 37350  | 17.993  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 36931  | 17.738  | ug/l | 95     |

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 Operator : JC/SP  
 Sample : VX0801WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/2/2019 9:05:07 AM

Quant Time: Aug 02 02:21:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 42034    | 17.136  | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 113464   | 18.374  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 19972    | 17.617  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 37113    | 17.773  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 58302    | 17.568  | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 33347    | 17.840  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 28461    | 17.796  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 20589    | 17.635  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 34439    | 17.422  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 27681    | 17.723  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 16993    | 375.295 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 199024   | 92.924  | ug/l   | 98       |
| 52) Toluene                    | 8.78  | 92   | 73276    | 17.947  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 34799    | 17.097  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 40234    | 17.425  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 30970    | 18.448  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 42176    | 17.630  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 48423    | 18.239  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 108062   | 91.868  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 152363   | 91.843  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 29700    | 17.280  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 32824    | 18.098  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 33854    | 18.420  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 82055    | 17.684  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 29141    | 18.344  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 141302   | 18.183  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.35 | 106  | 110609   | 36.798  | ug/l   | 98       |
| 69) o-Xylene                   | 10.69 | 106  | 53864    | 18.238  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 88658    | 18.143  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 21227    | 16.933  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 140509   | 18.543  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 52516    | 19.180  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 47891    | 18.965  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 38247m   | 18.956  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 39345    | 18.725  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 156694   | 18.595  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 92126    | 18.342  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 116449   | 18.358  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 11169    | 17.971  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 105094   | 17.954  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 113783   | 18.289  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 118641   | 18.786  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 137264   | 18.364  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 126555   | 18.404  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 68212    | 18.373  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 67829    | 17.717  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 104475   | 17.635  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 17648    | 17.359  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 69489    | 18.628  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 8908     | 18.208  | ug/l   | 99       |

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Operator : JC/SP  
Sample : VX0801WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

Manual Integrations  
APPROVED

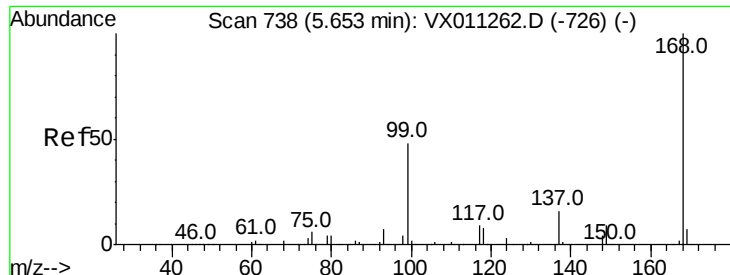
MMDadoda  
8/2/2019 9:05:07 AM

Quant Time: Aug 02 02:21:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 44782    | 18.102 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 22043    | 17.562 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 134958   | 18.654 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 46182    | 18.362 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion:168 Resp: 159544

Ion Ratio Lower Upper

168 100

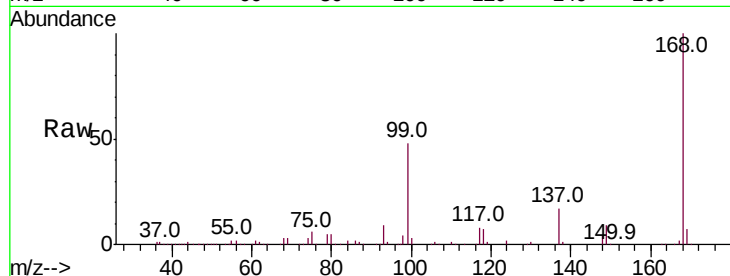
99 47.5 38.5 57.7

Manual Integrations

APPROVED

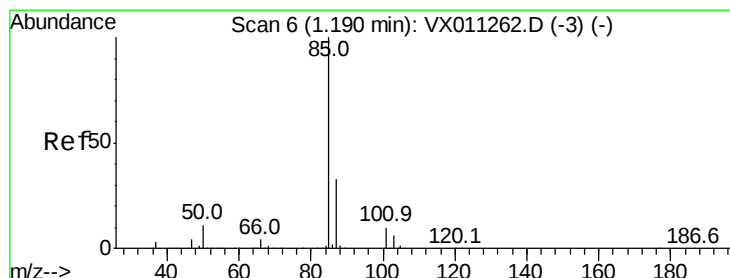
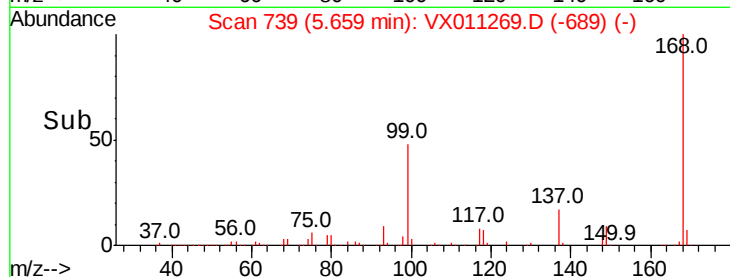
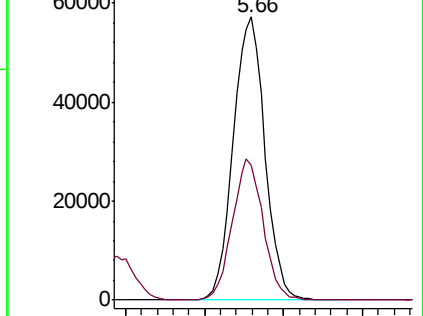
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.314 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011269.D

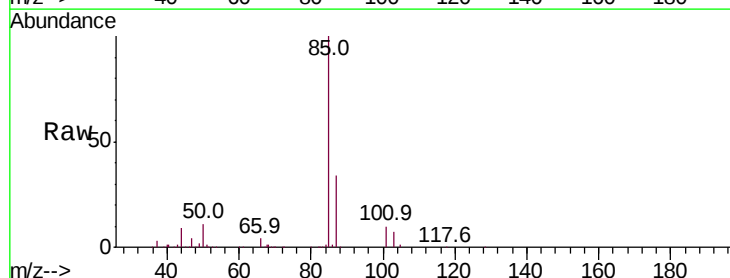
Acq: 01 Aug 2019 19:43

Tgt Ion: 85 Resp: 22567

Ion Ratio Lower Upper

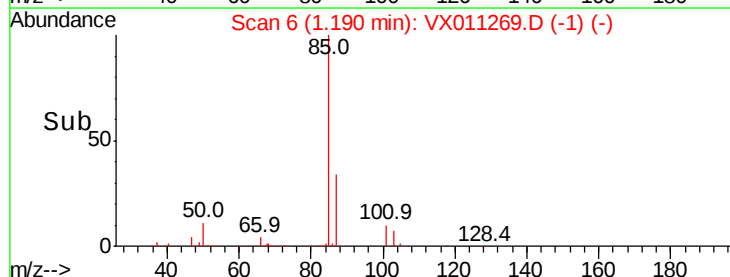
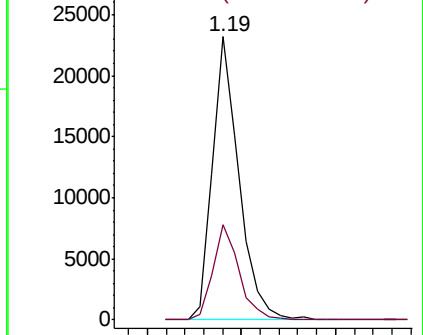
85 100

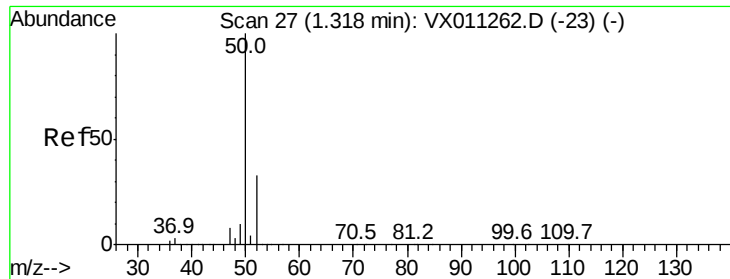
87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.537 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 50 Resp: 25651

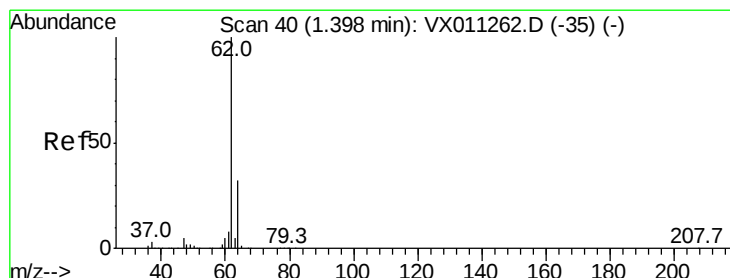
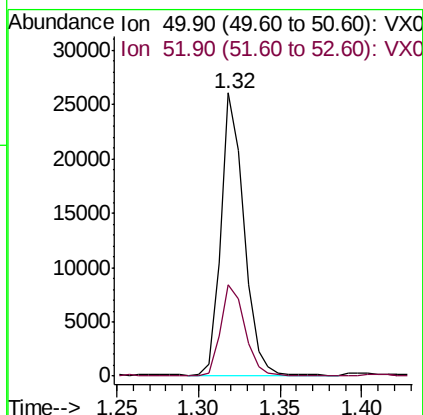
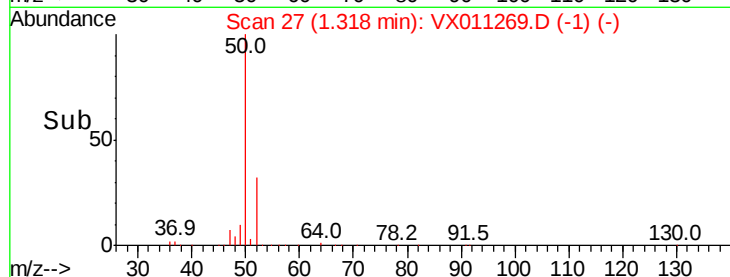
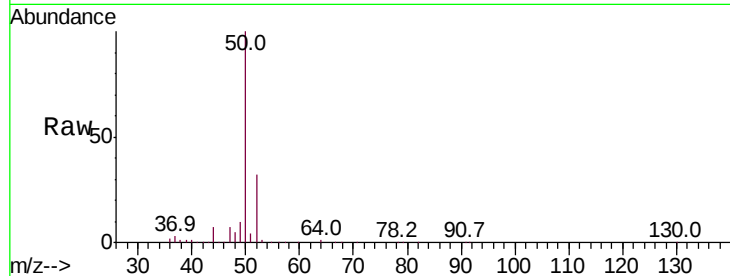
Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6

Manual Integrations  
APPROVED

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8/2/2019 9:05:07 AM



#4

Vinyl Chloride

Concen: 18.371 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011269.D

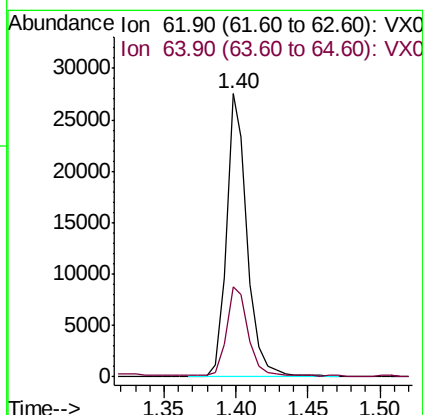
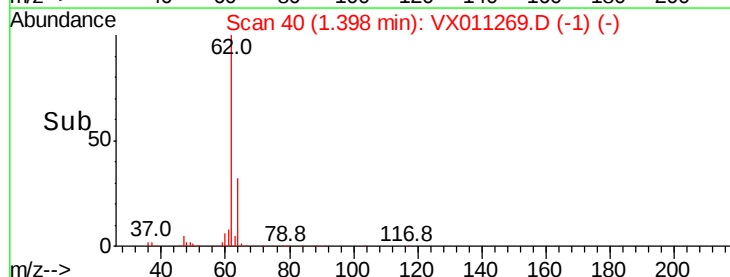
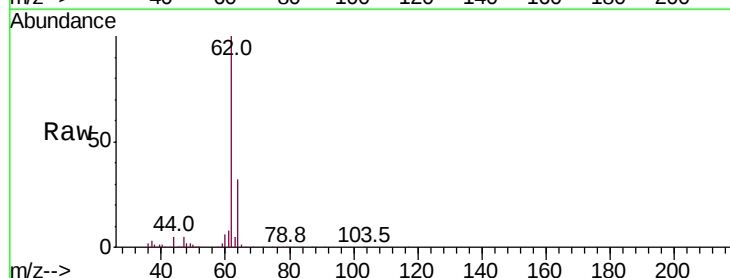
Acq: 01 Aug 2019 19:43

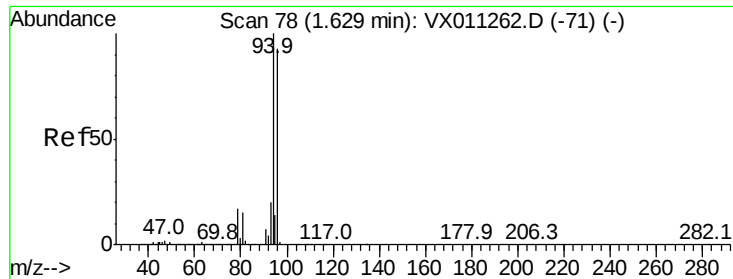
Tgt Ion: 62 Resp: 27963

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 21.597 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 94 Resp: 23445

Ion Ratio Lower Upper

94 100

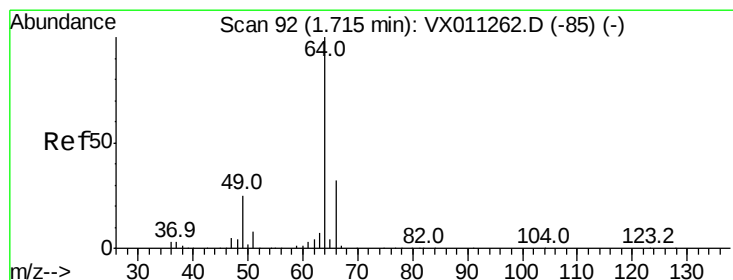
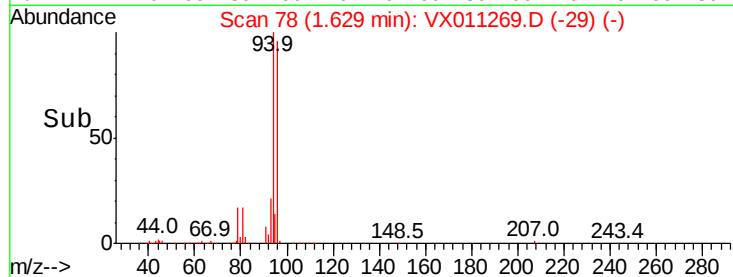
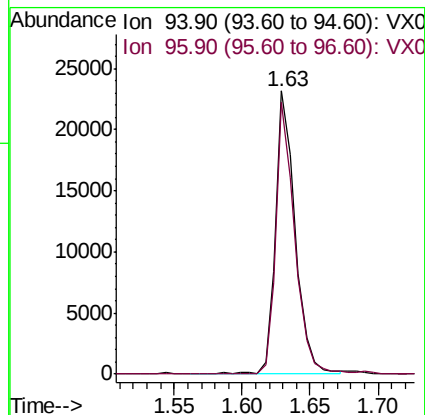
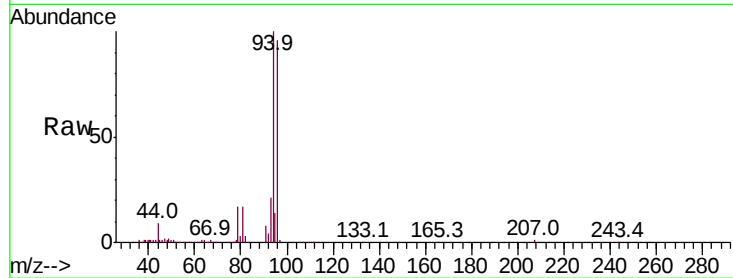
96 95.9 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:05:07 AM



#6

Chloroethane

Concen: 18.868 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011269.D

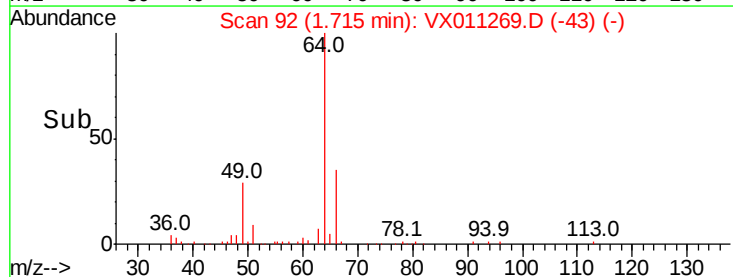
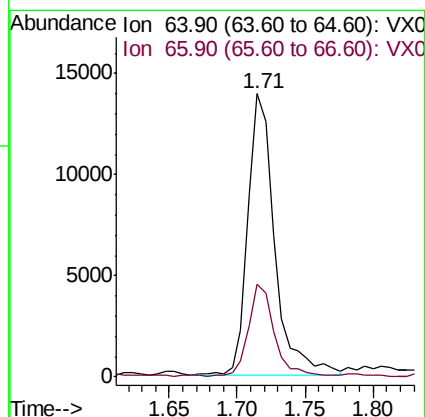
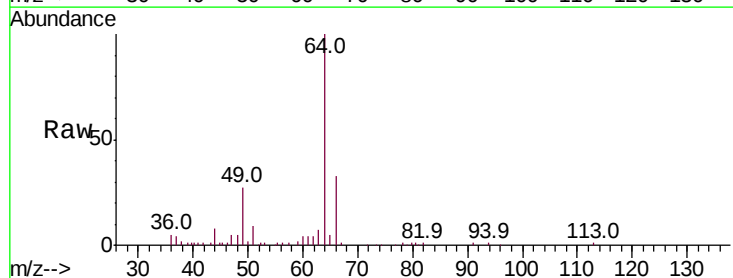
Acq: 01 Aug 2019 19:43

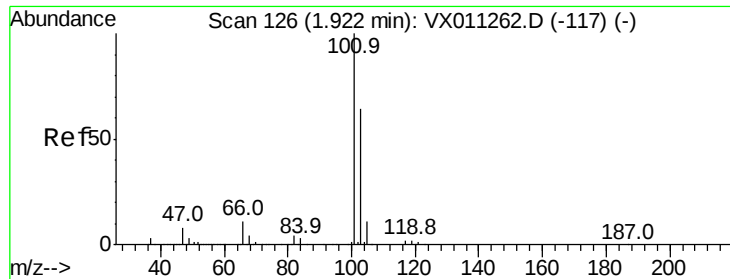
Tgt Ion: 64 Resp: 19317

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7





#7

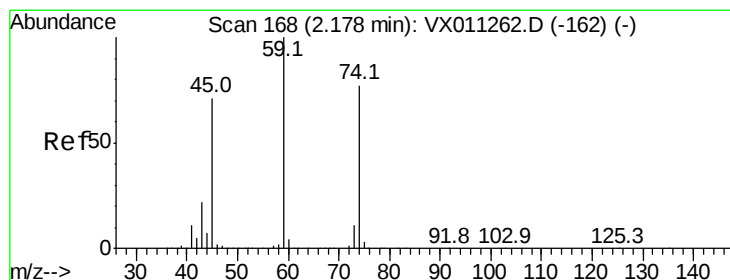
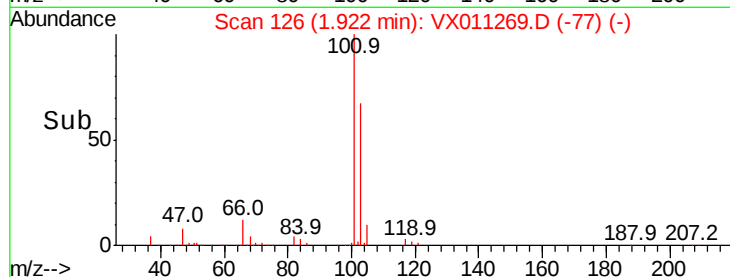
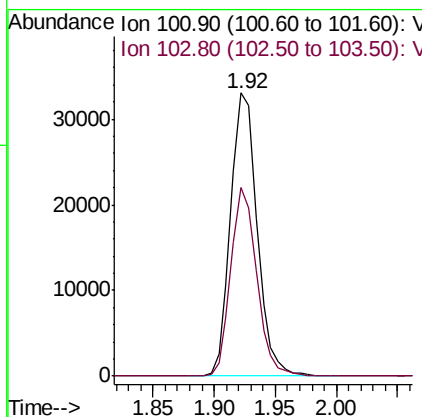
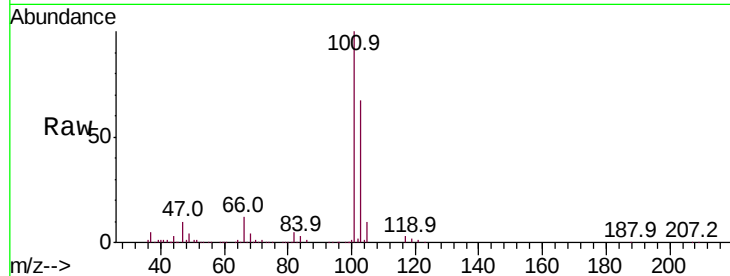
Trichlorofluoromethane  
 Concen: 18.375 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.5  | 50.9  | 76.3  |

Manual Integrations  
 APPROVED

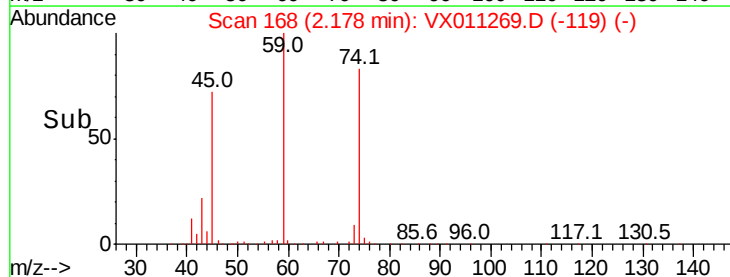
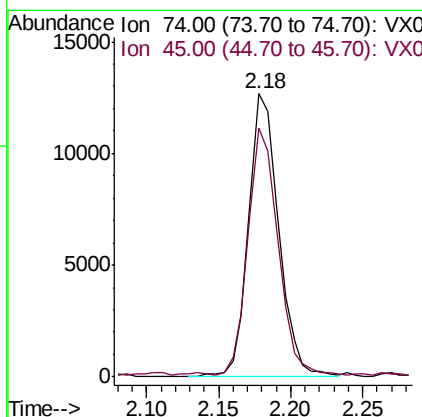
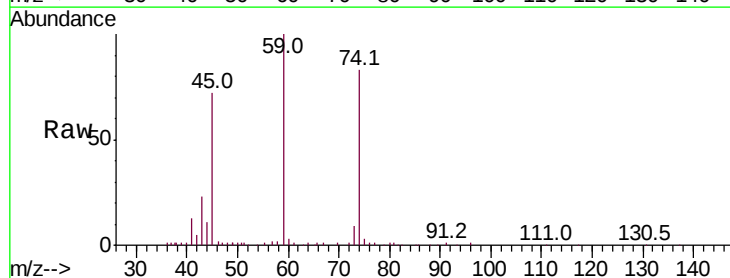
MMDadoda  
 8/2/2019 9:05:07 AM

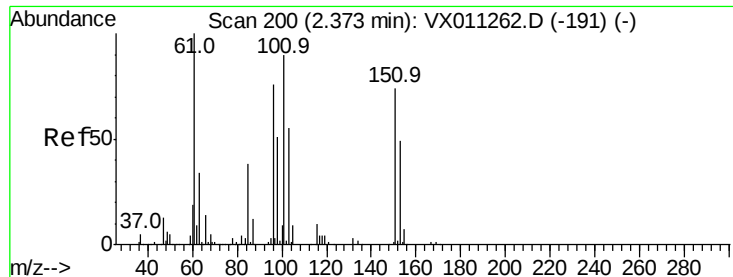


#8

Diethyl Ether  
 Concen: 18.988 ug/l  
 RT: 2.18 min Scan# 168  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 86.6  | 46.1  | 138.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.811 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

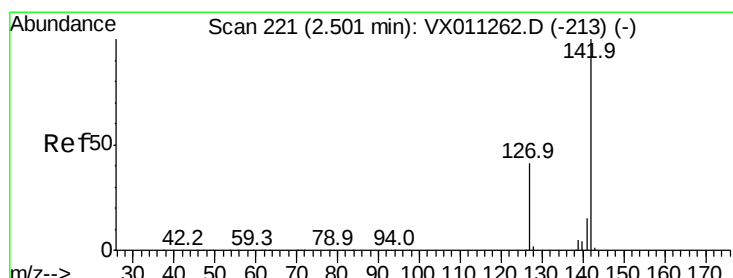
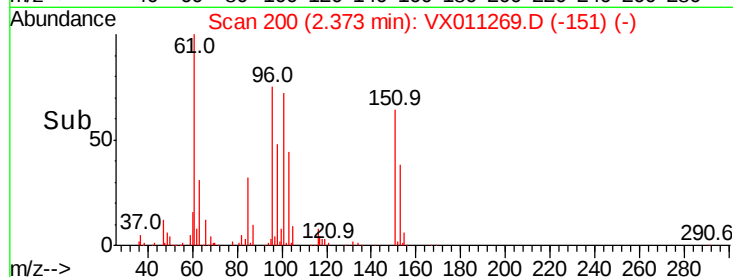
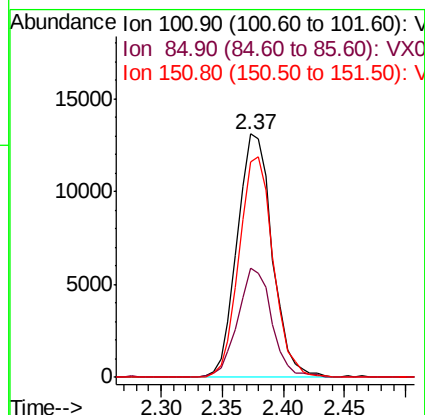
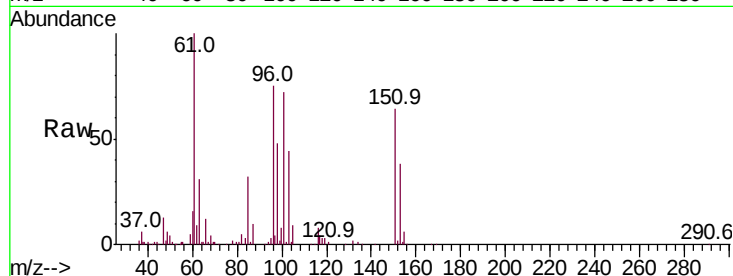
ClientSampleId :

VX0801WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 26082 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 33.8  | 50.6  |
| 151       | 88.1  | 69.5  | 104.3 |

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#10

Methyl Iodide

Concen: 14.919 ug/l

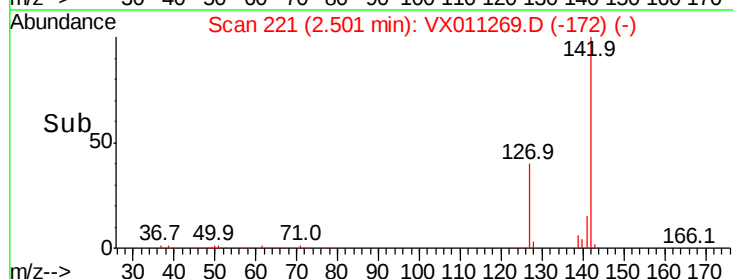
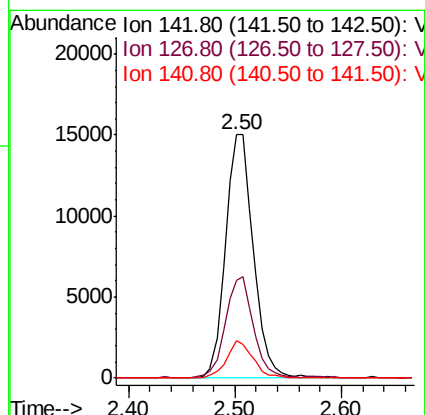
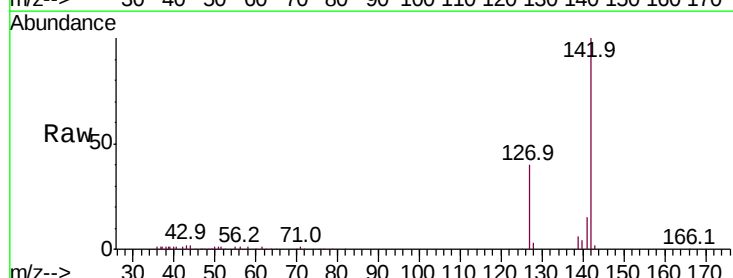
RT: 2.50 min Scan# 221

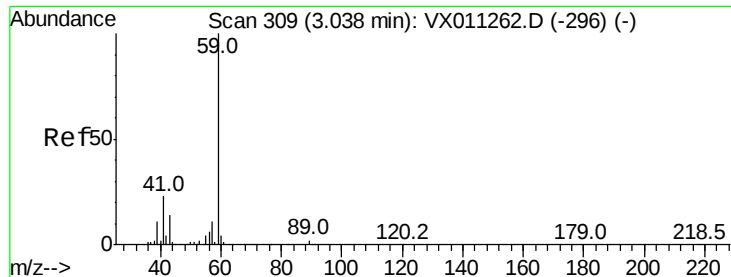
Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 27544 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.5  | 33.8  | 50.8  |
| 141       | 14.4  | 11.4  | 17.2  |





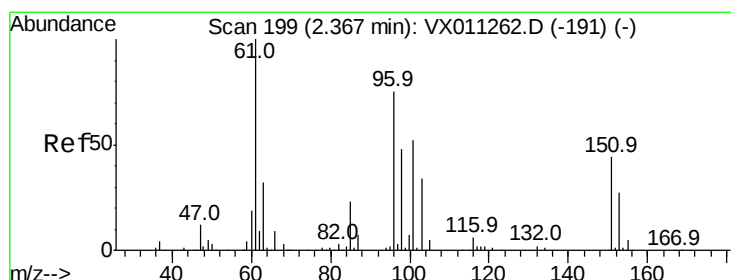
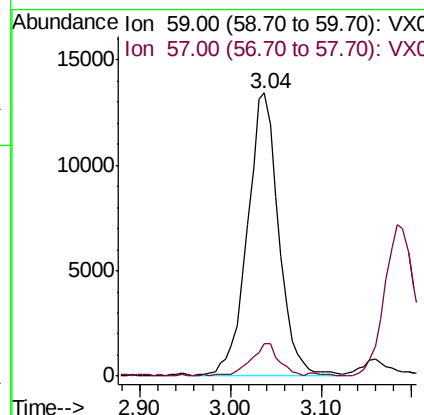
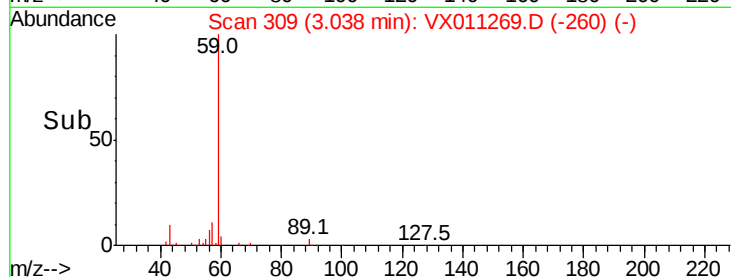
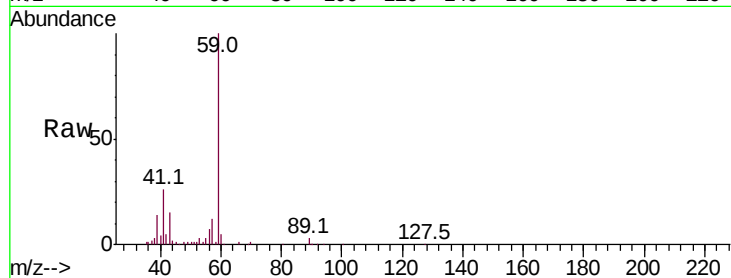
#11  
Tert butyl alcohol  
Concen: 100.932 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | 59 | 57 | Ratio | 100 | 10.4 | Resp | 32333 | Lower | 8.3 | Upper | 12.5 |
|---------|----|----|-------|-----|------|------|-------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 10.4 | Resp | 32333 | Lower | 8.3 | Upper | 12.5 |

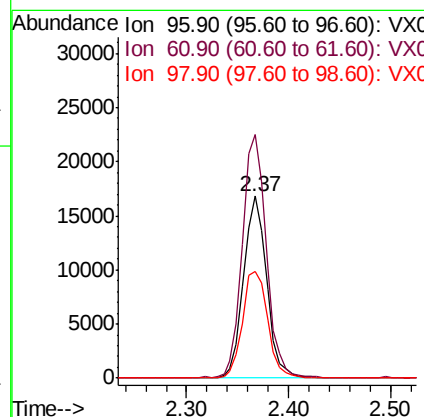
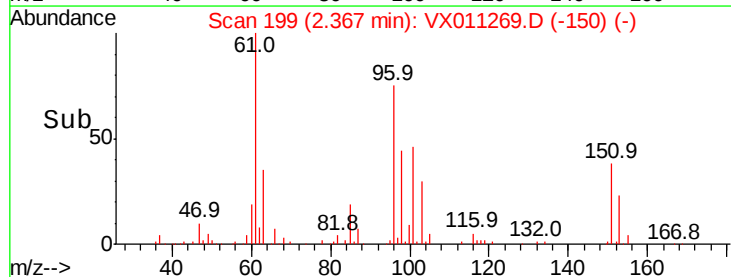
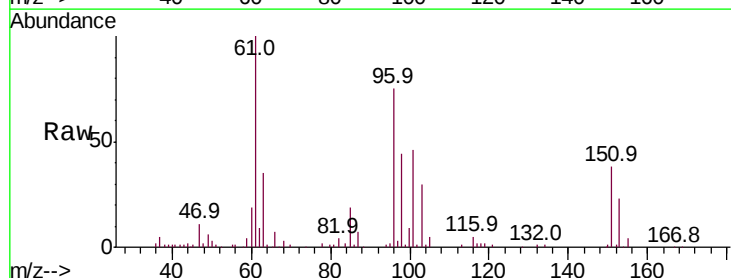
Manual Integrations  
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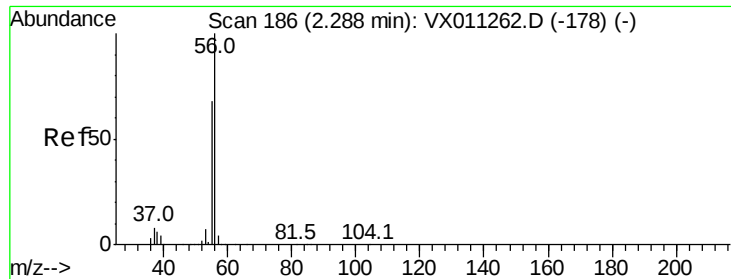
MMDadoda  
8/2/2019 9:05:07 AM



#12  
1,1-Dichloroethene  
Concen: 18.228 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 133.9 | 58.6 | Resp | 26460 | Lower | 106.2 | Upper | 159.2 | 75.8 |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|-------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 133.9 | 58.6 | Resp | 26460 | Lower | 106.2 | Upper | 159.2 | 75.8 |





#13

Acrolein

Concen: 91.215 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 56 Resp: 18215

Ion Ratio Lower Upper

56 100

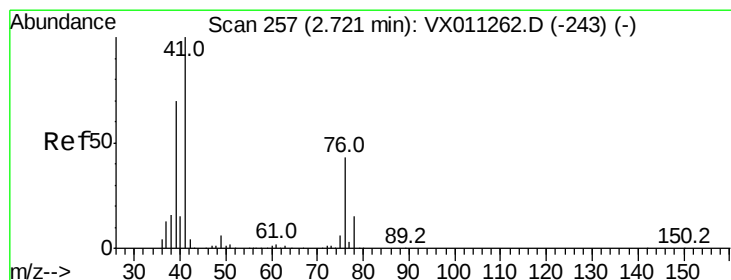
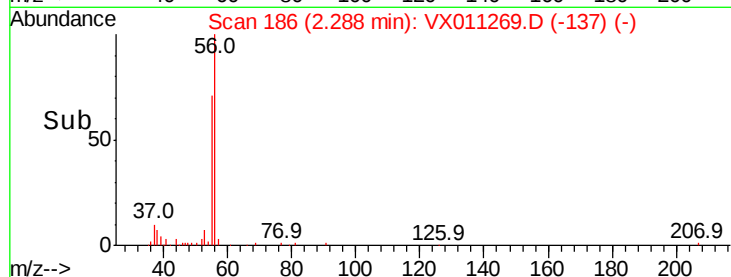
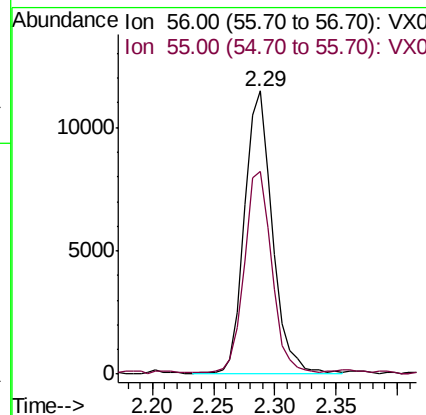
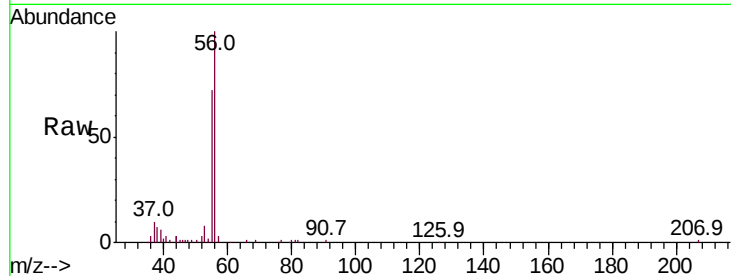
55 69.6 56.0 84.0

Manual Integrations

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8/2/2019 9:05:07 AM



#14

Allyl chloride

Concen: 18.414 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

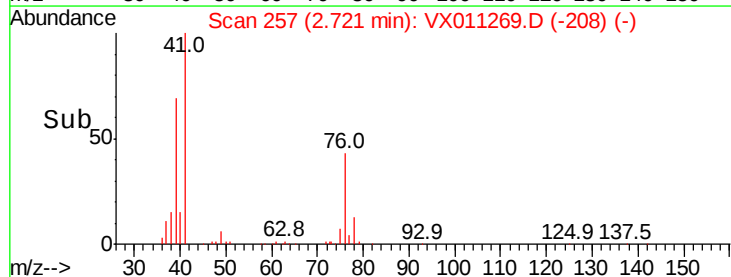
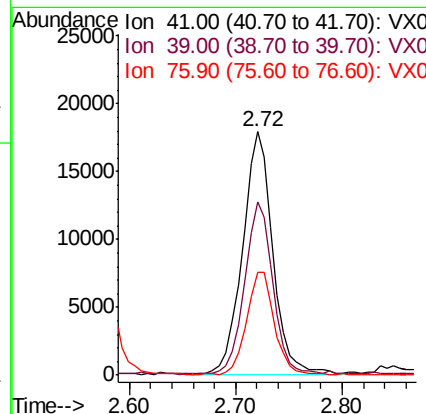
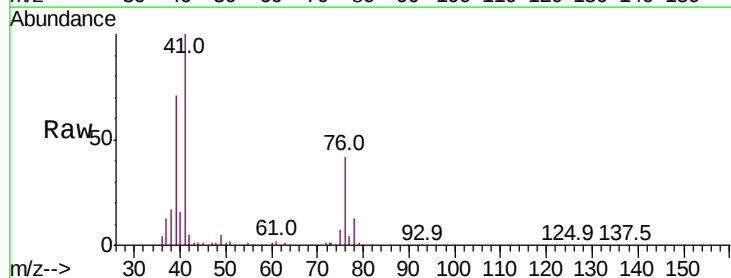
Tgt Ion: 41 Resp: 35634

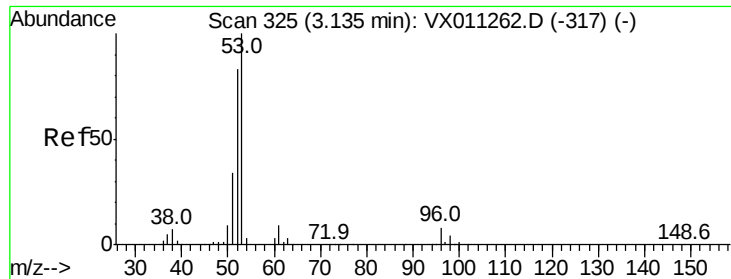
Ion Ratio Lower Upper

41 100

39 65.6 52.8 79.2

76 39.4 31.1 46.7





#15

Acrylonitrile

Concen: 94.480 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

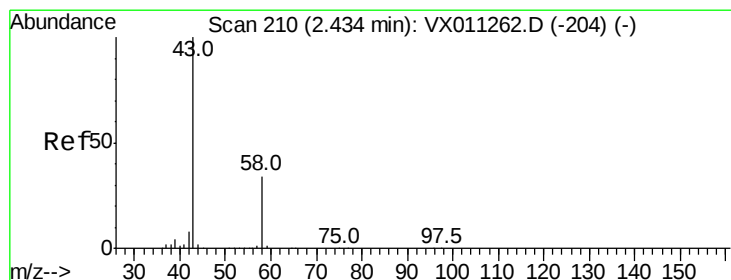
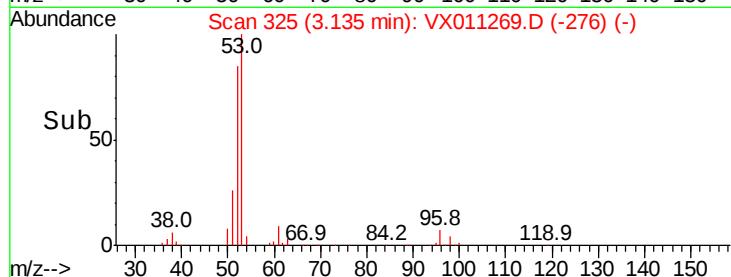
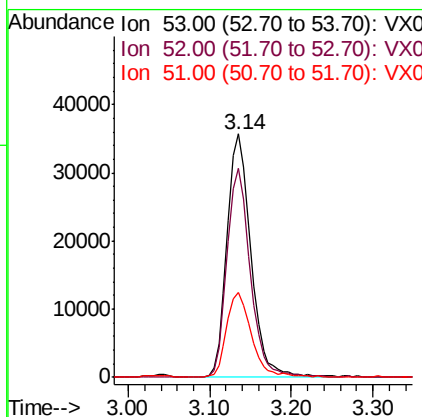
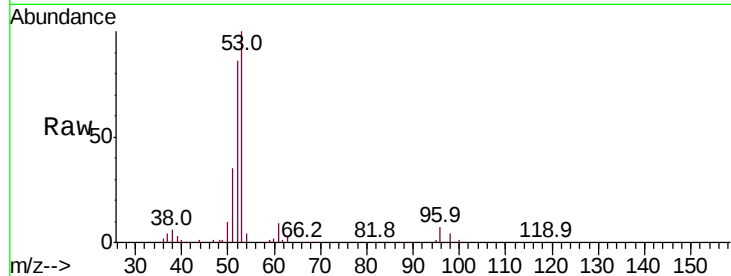
ClientSampleId :

VX0801WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 72235 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.4  | 65.5  | 98.3  |
| 51        | 36.4  | 27.9  | 41.9  |

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#16

Acetone

Concen: 79.303 ug/l

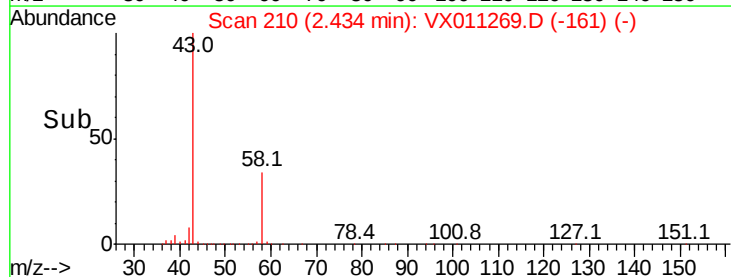
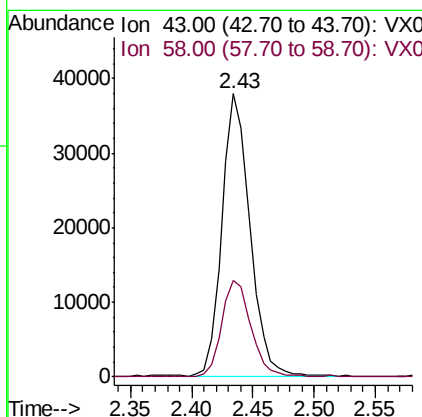
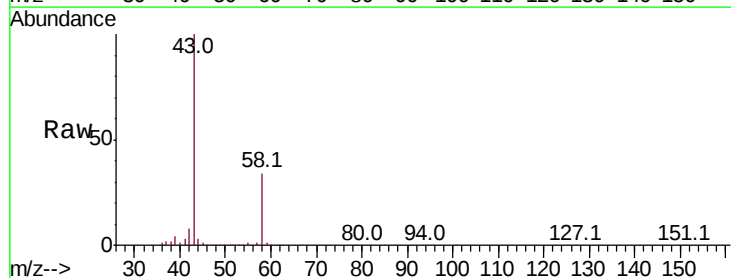
RT: 2.43 min Scan# 210

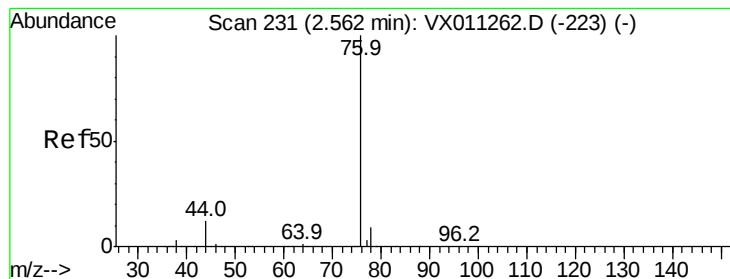
Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 60647 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 34.0  | 27.4  | 41.0  |





#17

Carbon Disulfide

Concen: 18.172 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 76 Resp: 61901

Ion Ratio Lower Upper

76 100

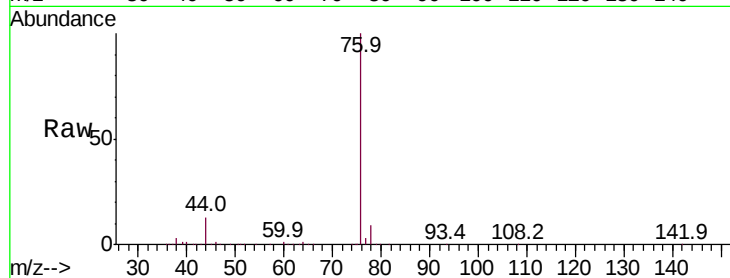
78 8.9 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

30000

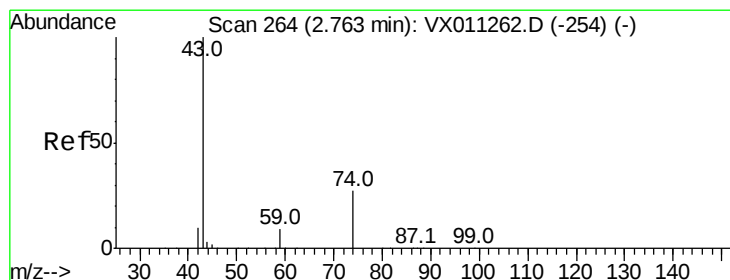
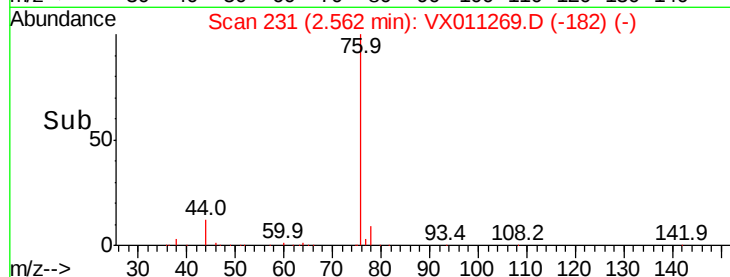
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 18.401 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011269.D

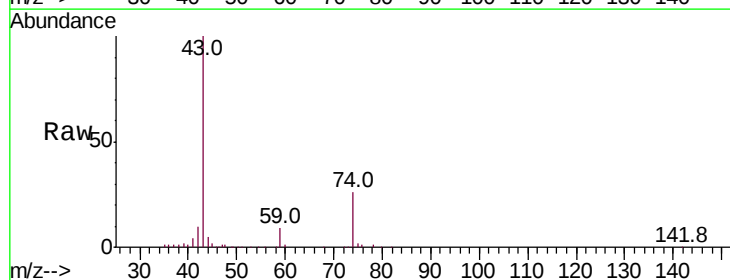
Acq: 01 Aug 2019 19:43

Tgt Ion: 43 Resp: 32159

Ion Ratio Lower Upper

43 100

74 26.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

20000

15000

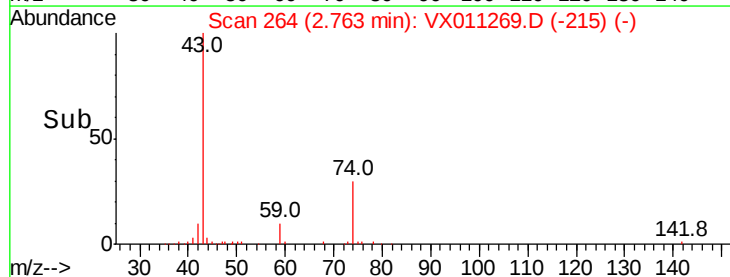
10000

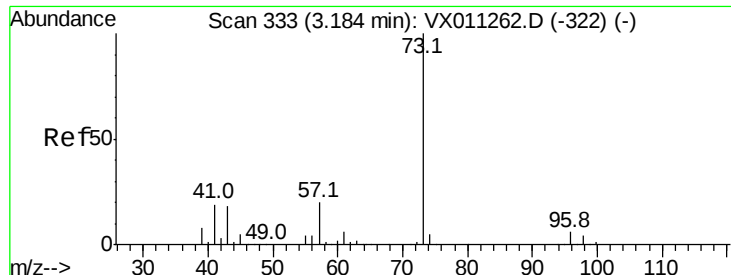
5000

0

Time-->

2.70 2.80





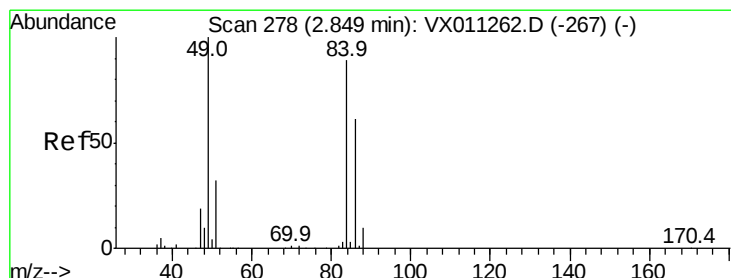
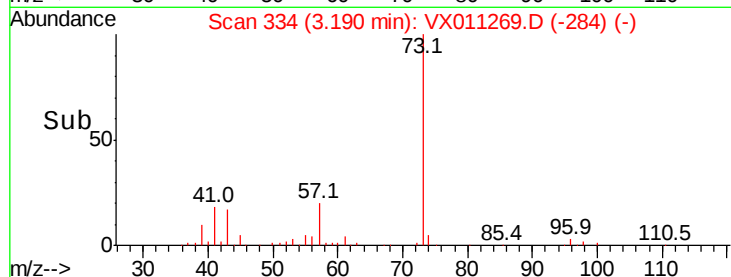
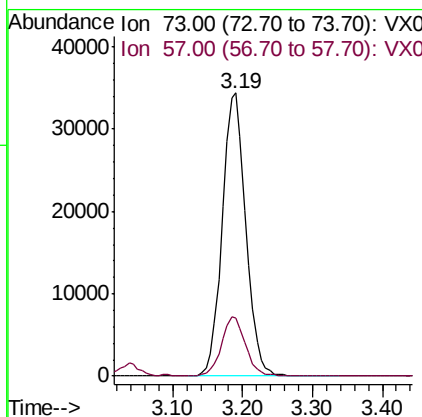
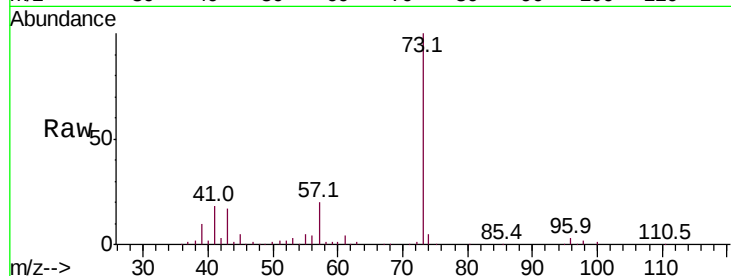
#19  
Methvl tert-butvl Ether  
Concen: 18.815 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. 0.01 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

Tot Ion: 73 Resp: 80487  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.2 24.2

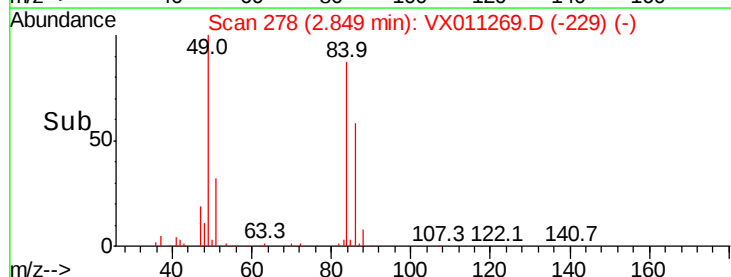
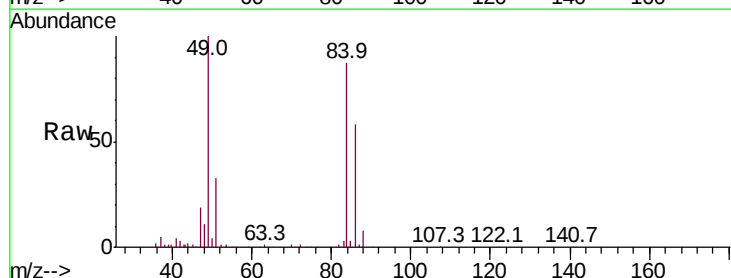
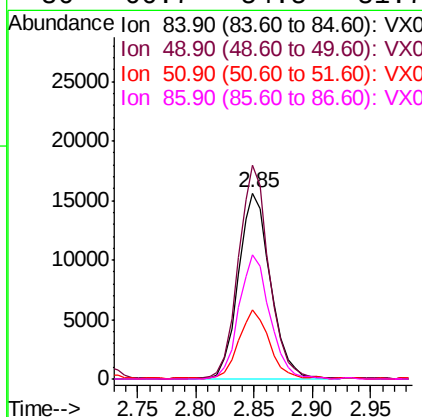
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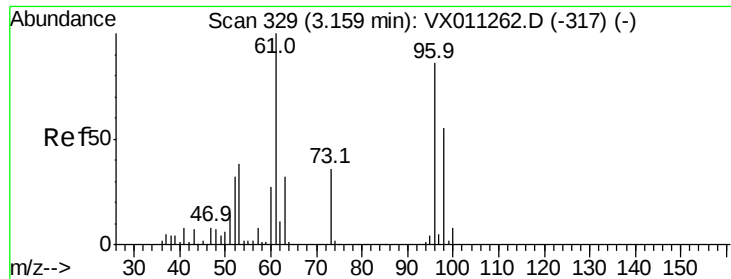
MMDadoda  
8/2/2019 9:05:07 AM



#20  
Methylene Chloride  
Concen: 17.907 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Tgt Ion: 84 Resp: 29991  
Ion Ratio Lower Upper  
84 100  
49 114.2 89.3 133.9  
51 37.0 28.3 42.5  
86 66.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.242 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion: 96 Resp: 28011

Ion Ratio Lower Upper

96 100

61 121.4 92.8 139.2

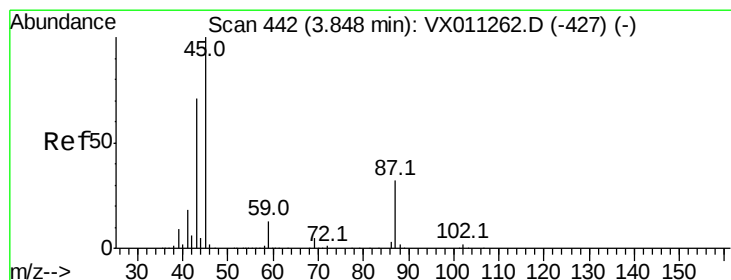
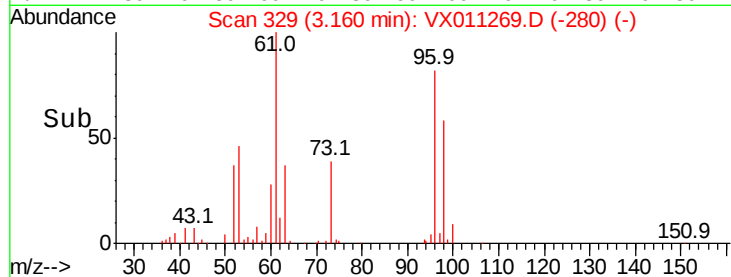
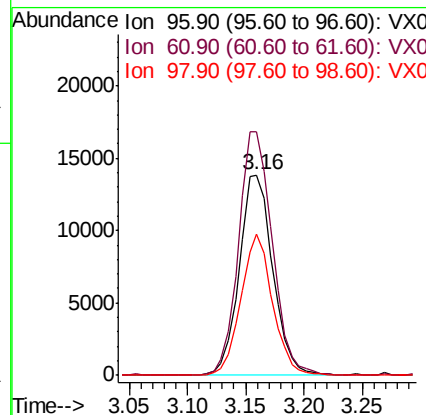
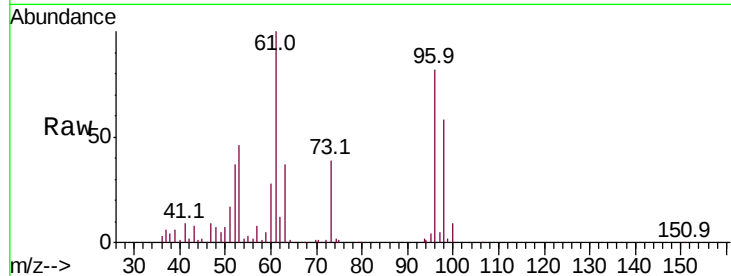
98 70.2 51.2 76.8

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#22

Diisopropyl ether

Concen: 18.390 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Tgt Ion: 45 Resp: 78215

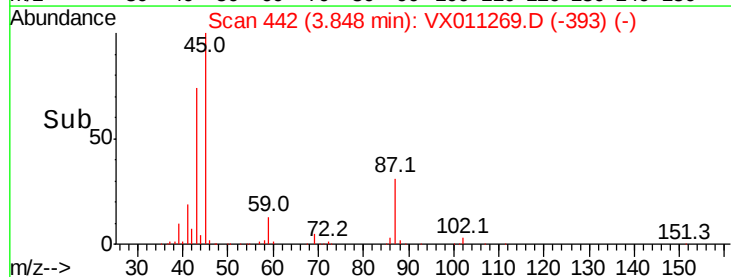
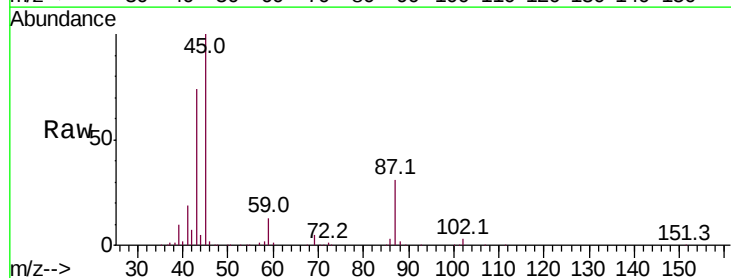
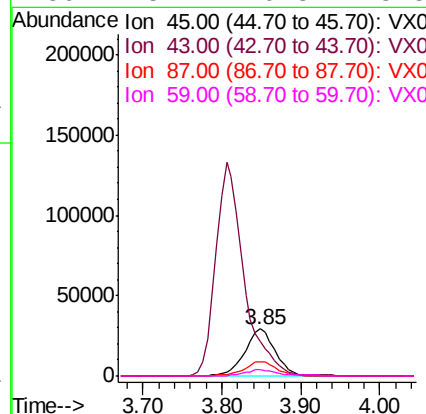
Ion Ratio Lower Upper

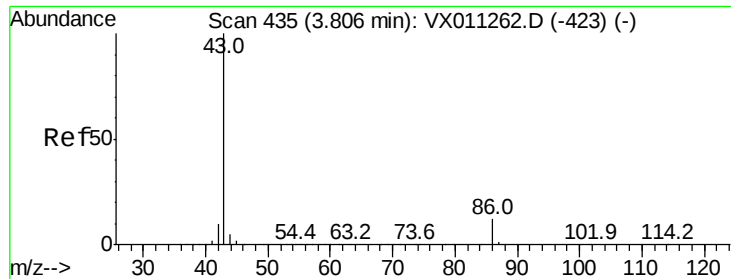
45 100

43 73.1 56.8 85.2

87 30.5 25.8 38.6

59 13.1 10.3 15.5





#23

Vinyl Acetate

Concen: 94.373 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 43 Resp: 332911

Ion Ratio Lower Upper

43 100

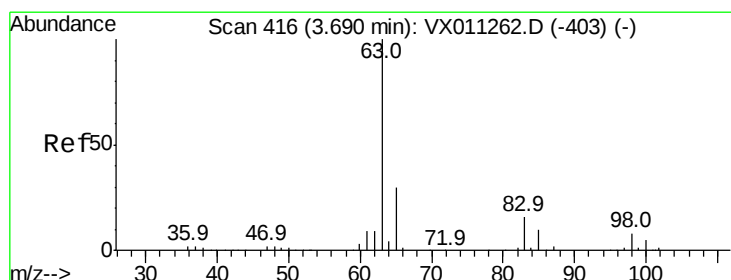
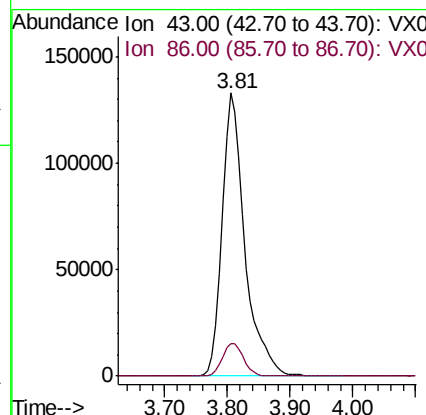
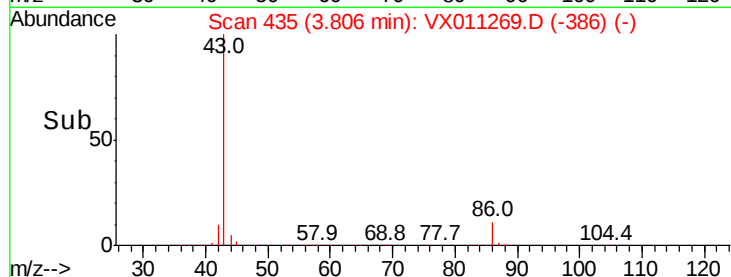
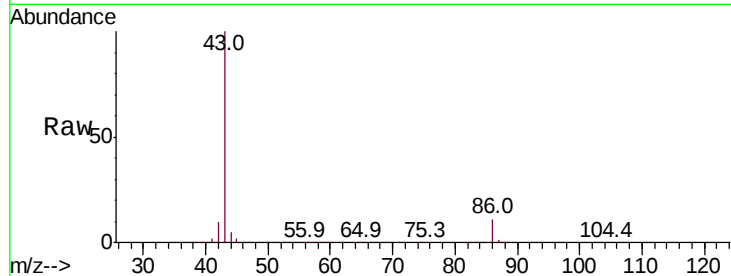
86 11.5 9.6 14.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.317 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

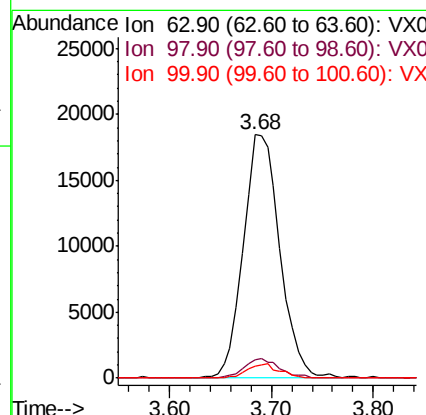
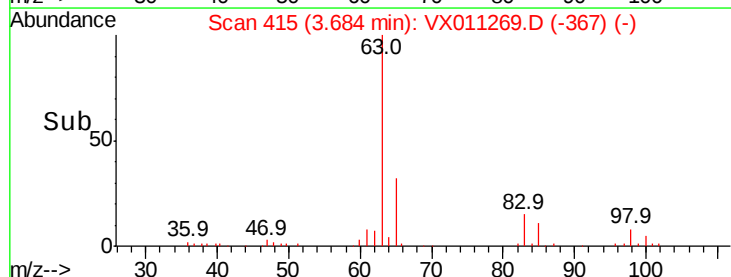
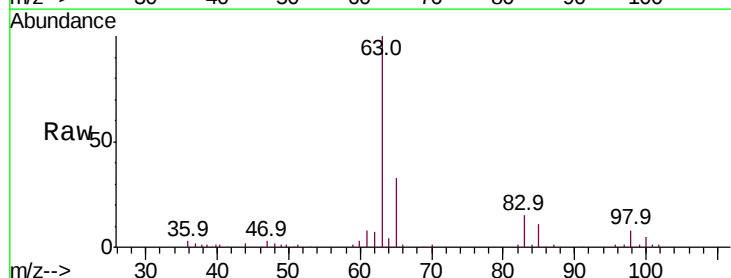
Tgt Ion: 63 Resp: 45939

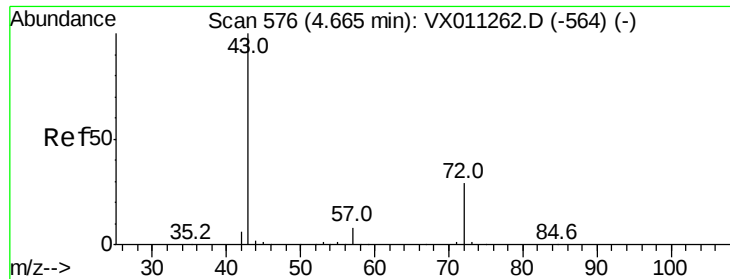
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.7 8.1





#25

2-Butanone

Concen: 89.745 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion: 43 Resp: 97630

Ion Ratio Lower Upper

43 100

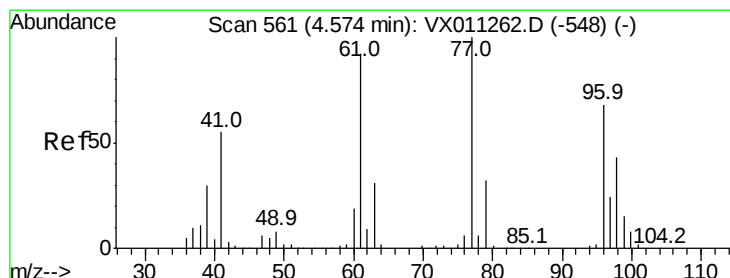
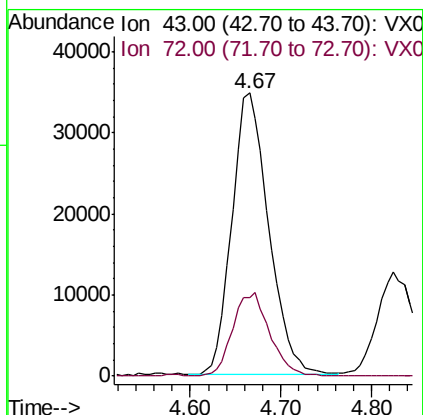
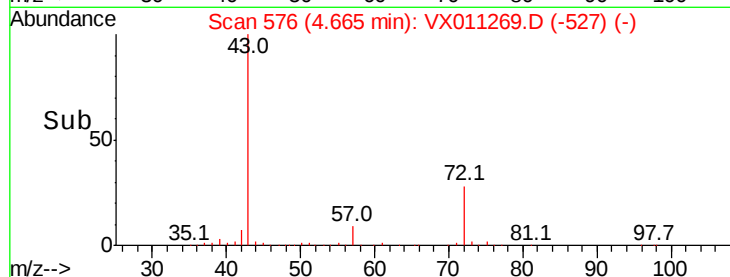
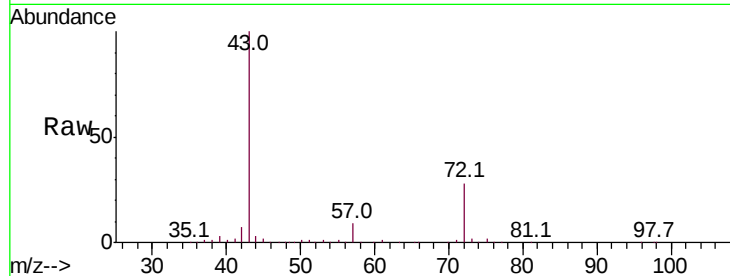
72 27.6 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 16.555 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011269.D

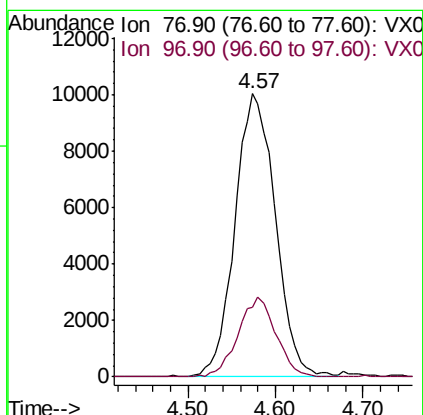
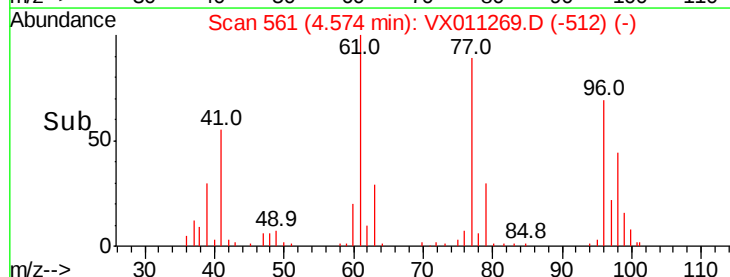
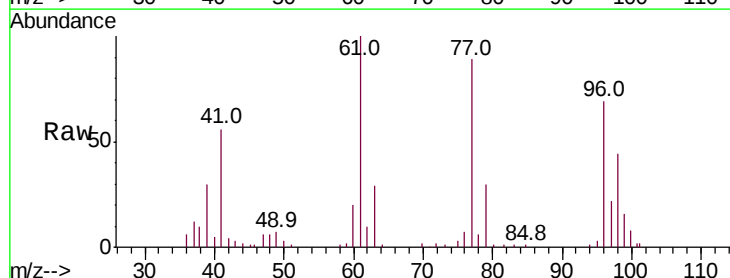
Acq: 01 Aug 2019 19:43

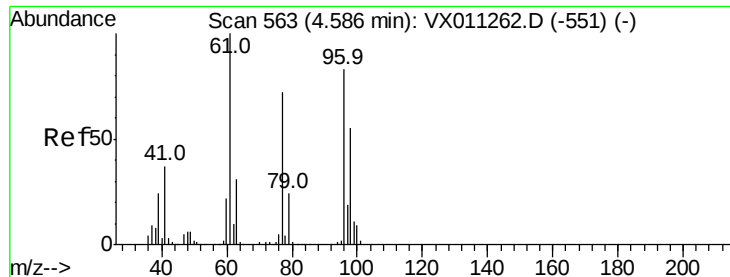
Tgt Ion: 77 Resp: 32274

Ion Ratio Lower Upper

77 100

97 26.2 12.8 38.4





#27

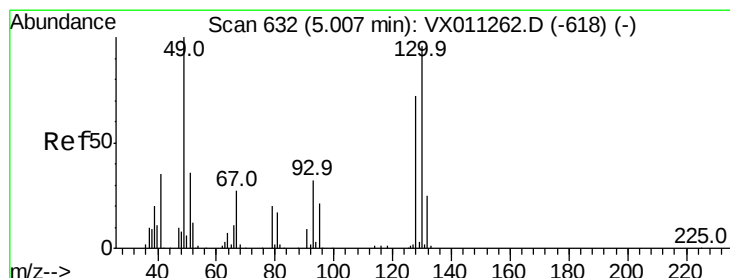
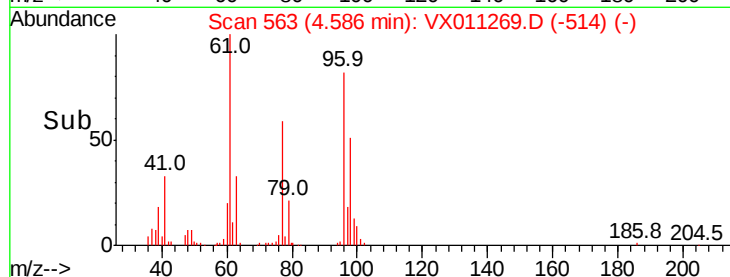
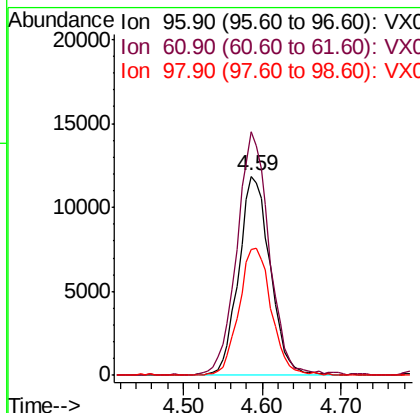
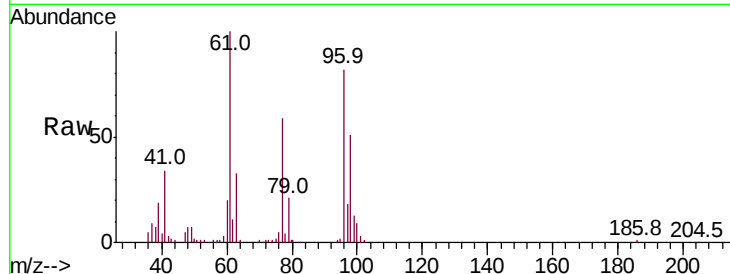
cis-1,2-Dichloroethene  
Concen: 18.655 ug/l  
RT: 4.59 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 32994 |       |       |
| 61      | 126.0 |       | 0.0   | 260.2 |
| 98      | 65.7  |       | 0.0   | 133.2 |

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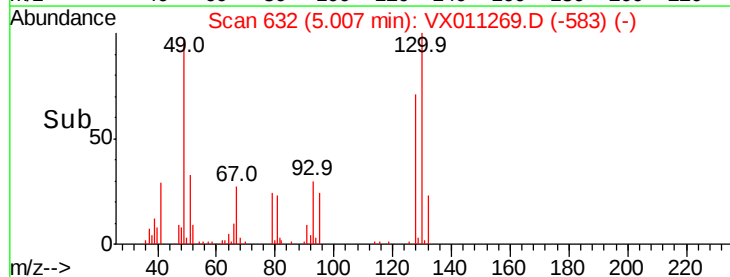
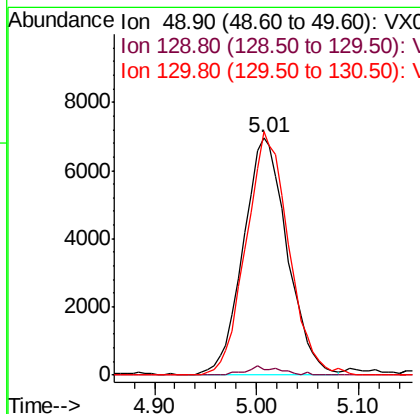
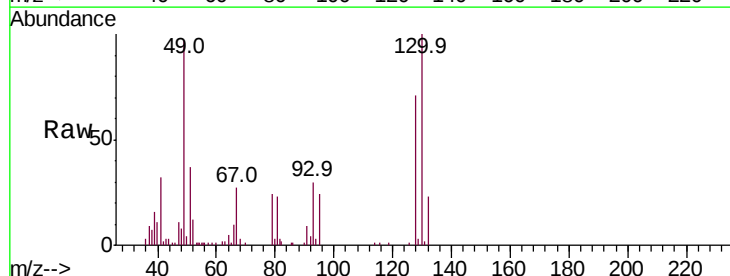
MMDadoda  
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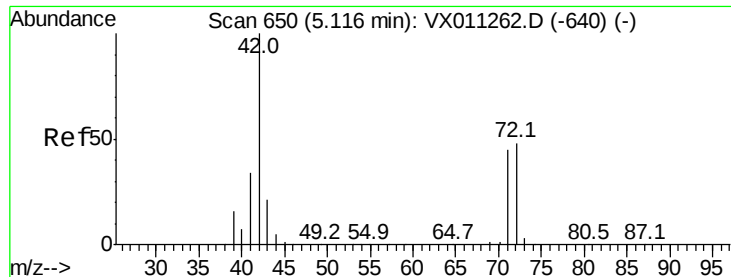


#28

Bromochloromethane  
Concen: 18.276 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 20896 |       |       |
| 129     | 2.7   |       | 0.0   | 5.8   |
| 130     | 99.1  |       | 77.9  | 116.9 |





#29

Tetrahydrofuran

Concen: 92.127 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

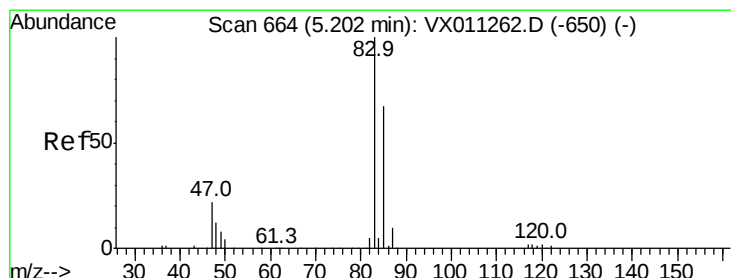
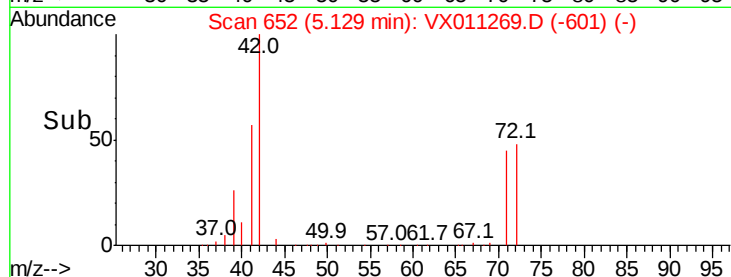
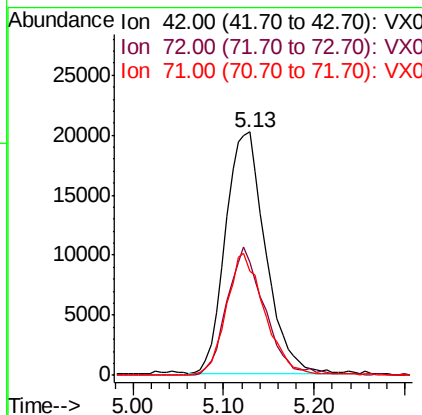
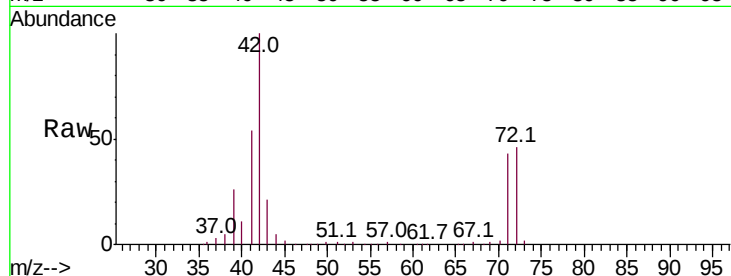
ClientSampled :

VX0801WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 61451 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 50.4  | 39.9  | 59.9  |
| 71       | 48.5  | 36.9  | 55.3  |

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#30

Chloroform

Concen: 18.322 ug/l

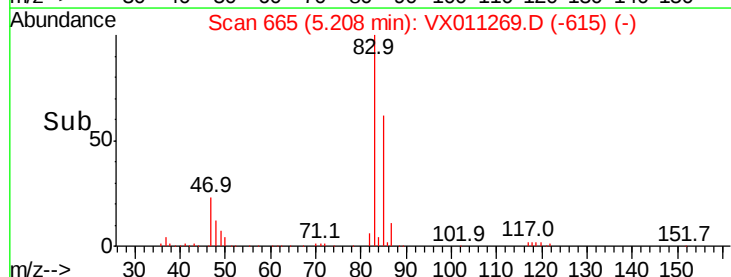
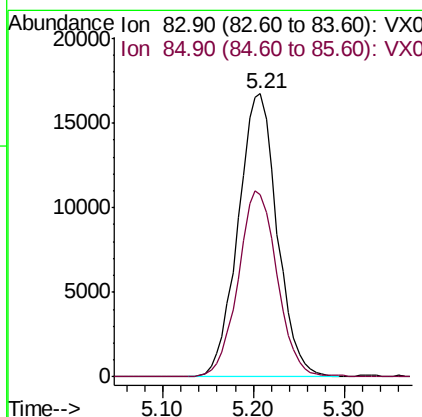
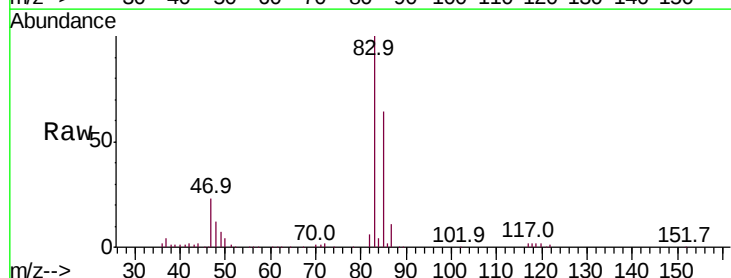
RT: 5.21 min Scan# 665

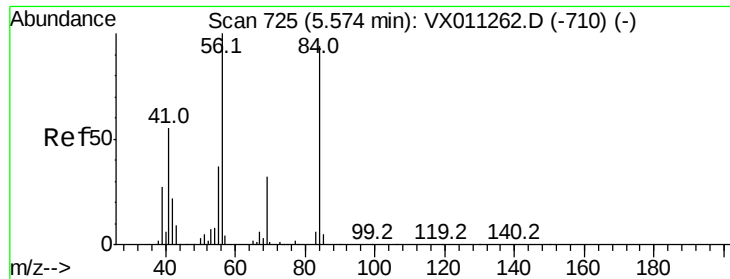
Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 49942 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.5  | 53.4  | 80.0  |





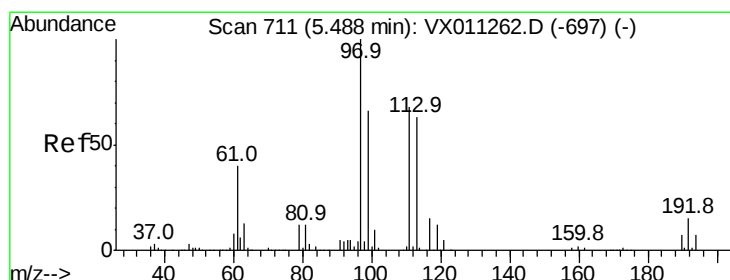
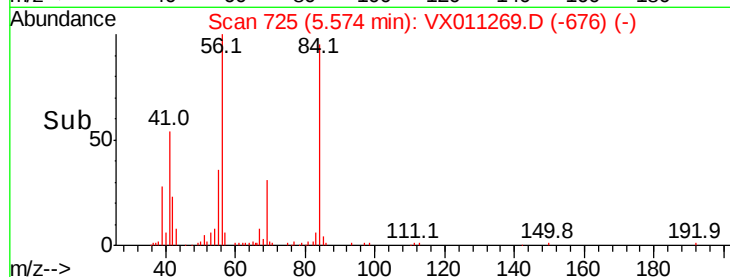
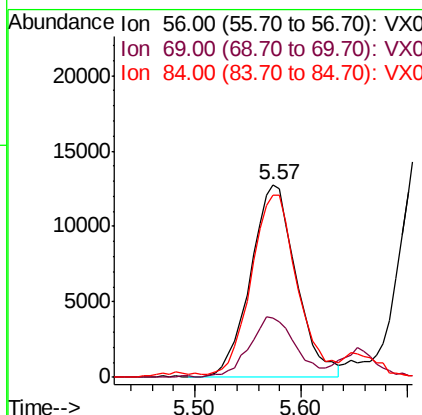
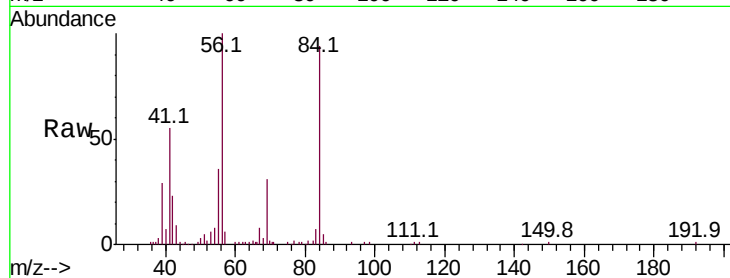
#31  
Cvclohexane  
Concen: 18.541 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.3  | 25.5  | 38.3  |
| 84      | 92.5  | 75.0  | 112.4 |

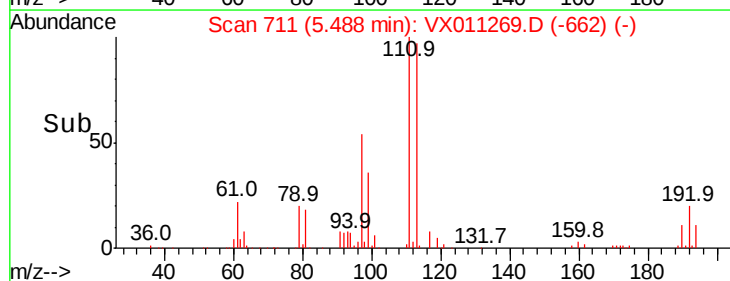
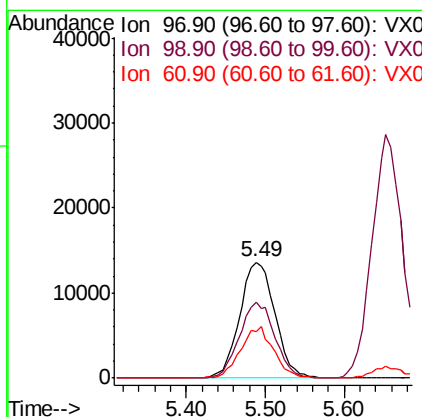
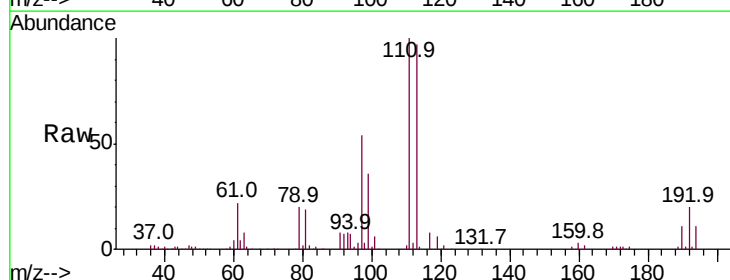
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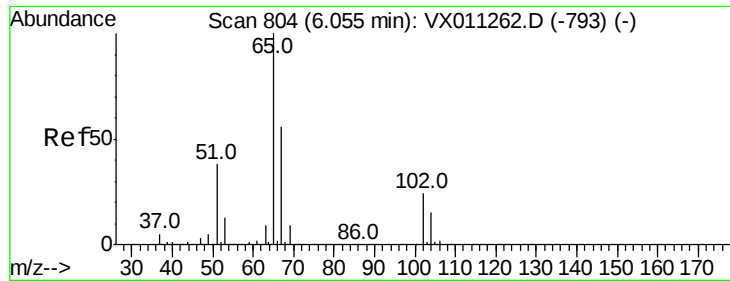
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#32  
1,1,1-Trichloroethane  
Concen: 18.091 ug/l  
RT: 5.49 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.8  | 51.6  | 77.4  |
| 61      | 41.8  | 32.3  | 48.5  |





#33

1,2-Dichloroethane-d4

Concen: 47.213 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Tot Ion: 65 Resp: 75857

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6

Instrument :

MSVOA\_X

ClientSampleId :

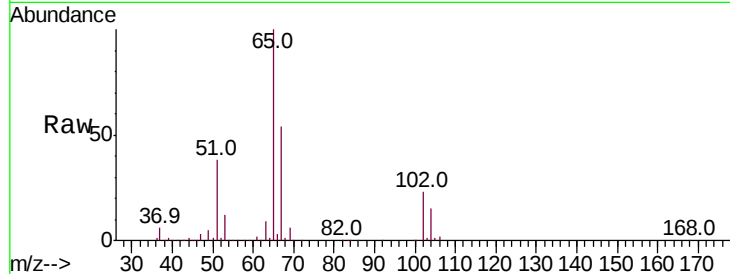
VX0801WBS01

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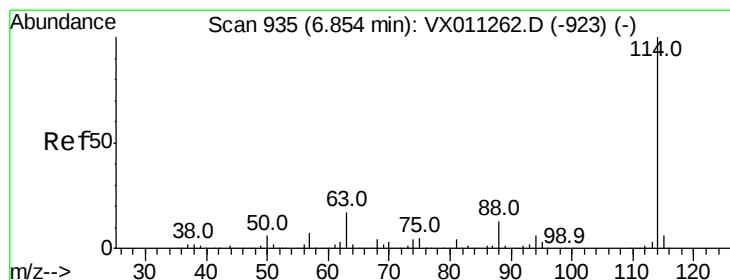
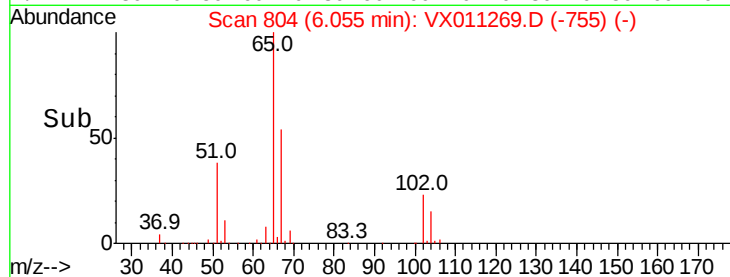
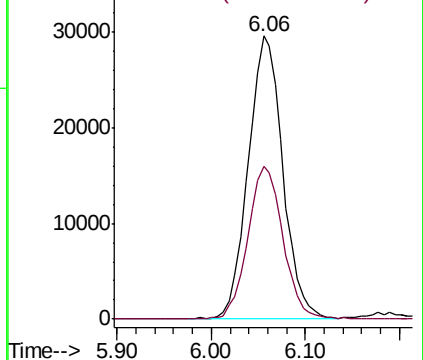
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

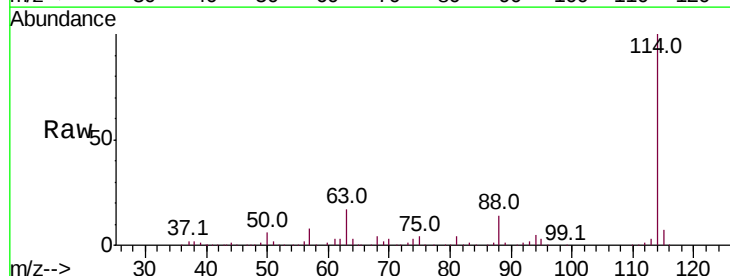
Tgt Ion:114 Resp: 237024

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

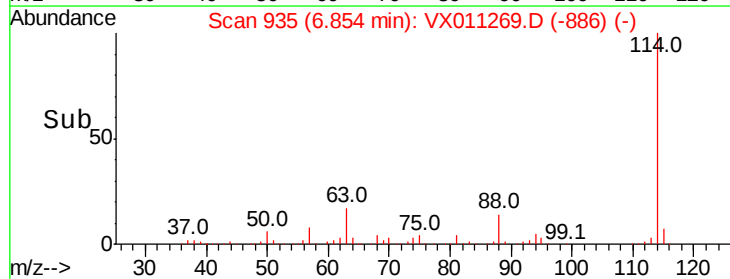
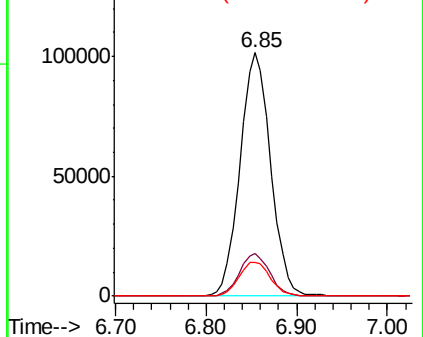
88 14.1 0.0 26.4

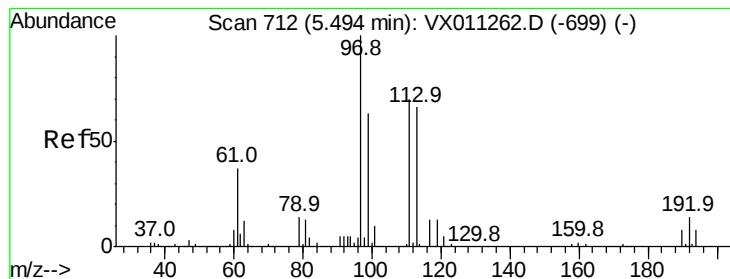


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.003 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion:113 Resp: 72736

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

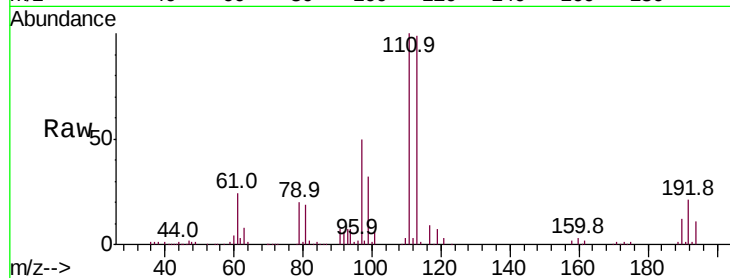
192 22.3 17.8 26.8

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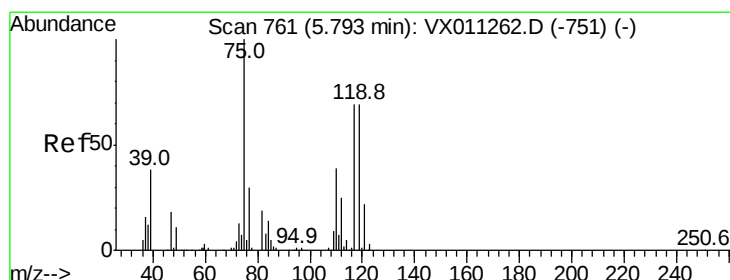
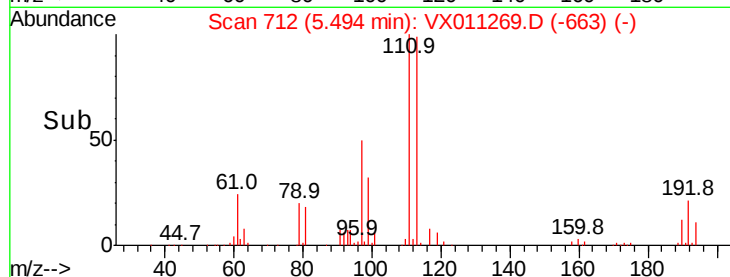
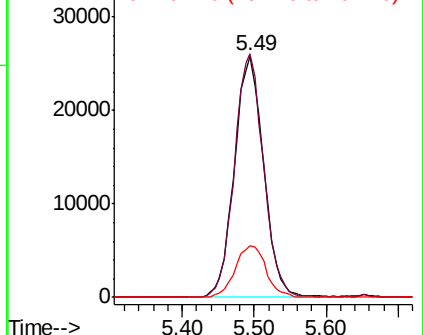
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.443 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

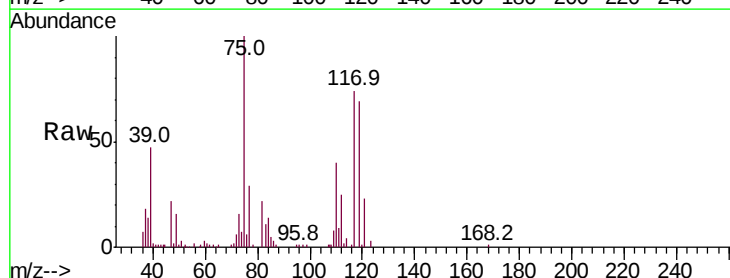
Tgt Ion: 75 Resp: 36097

Ion Ratio Lower Upper

75 100

110 40.8 20.0 59.9

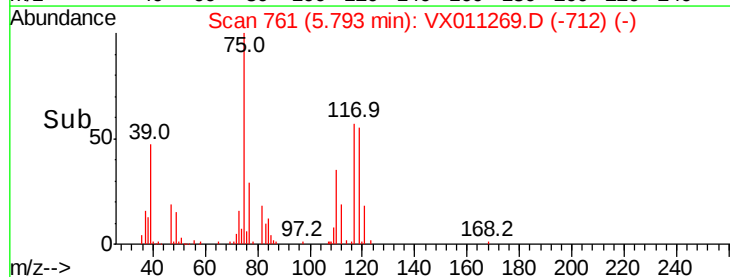
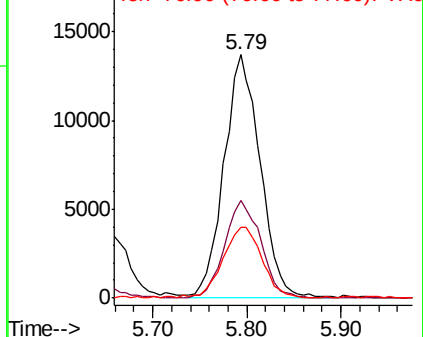
77 32.0 24.8 37.2

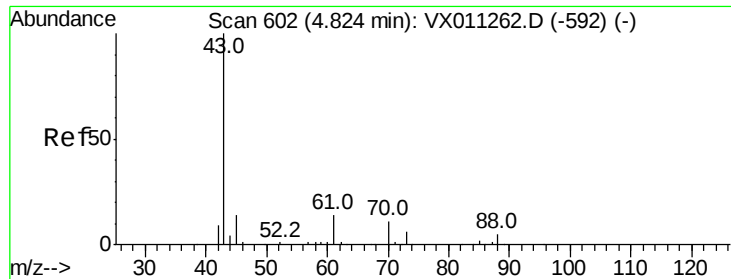


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.993 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011269.D

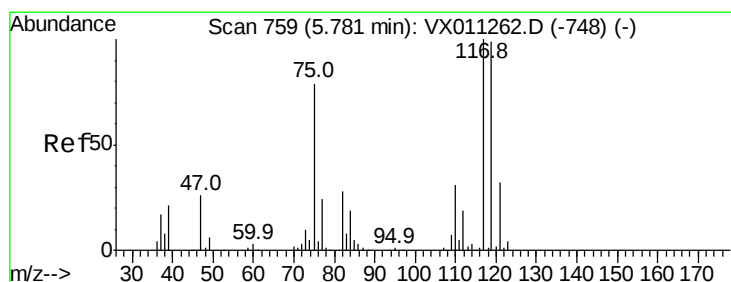
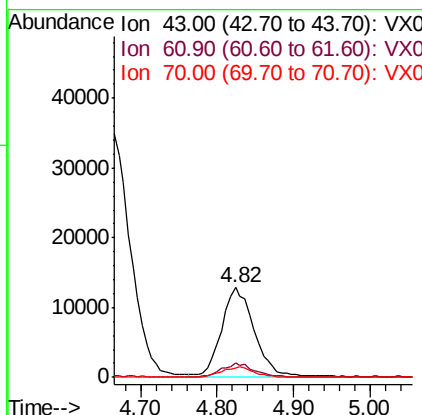
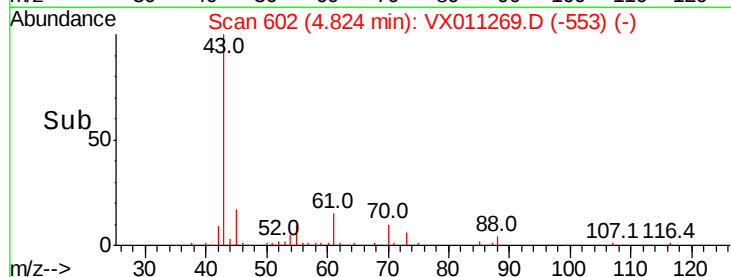
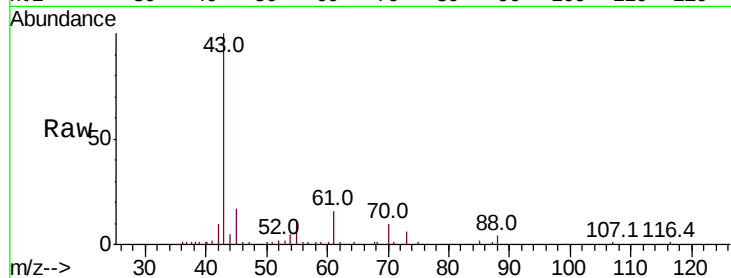
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.9  | 12.6  | 18.8  |
| 70      | 12.1  | 9.1   | 13.7  |

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#38

Carbon Tetrachloride

Concen: 17.738 ug/l

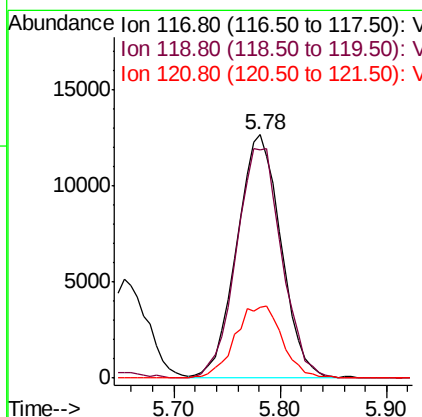
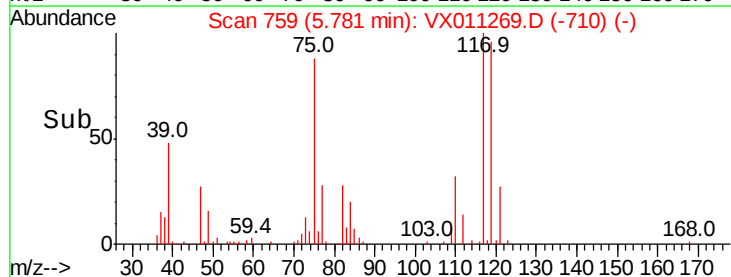
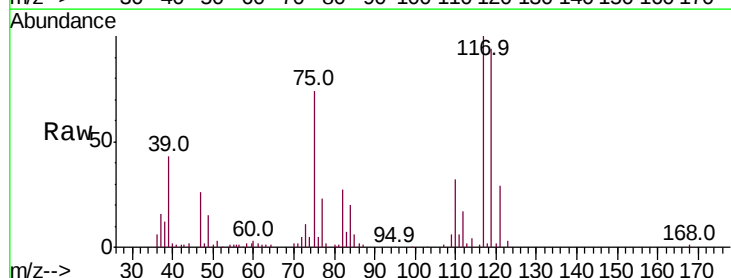
RT: 5.78 min Scan# 759

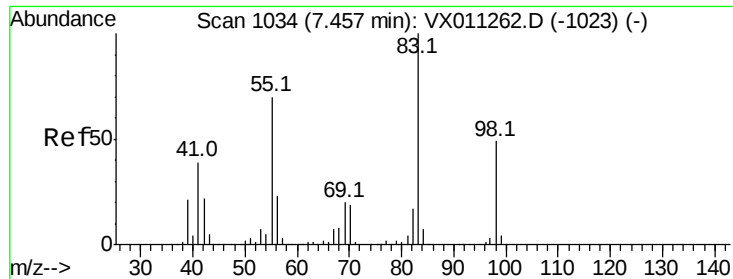
Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.0  | 79.0  | 118.4 |
| 121     | 28.9  | 25.9  | 38.9  |





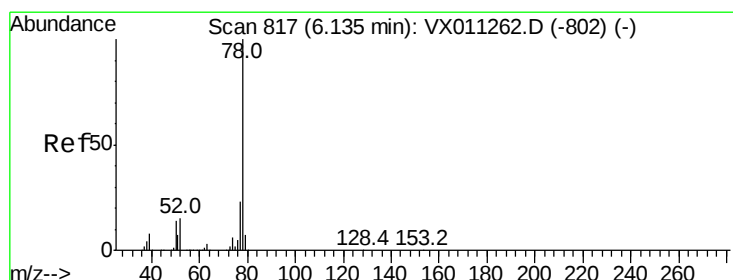
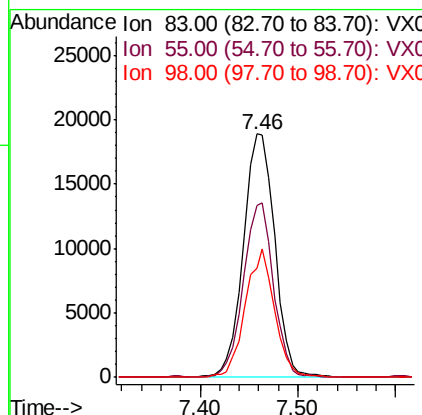
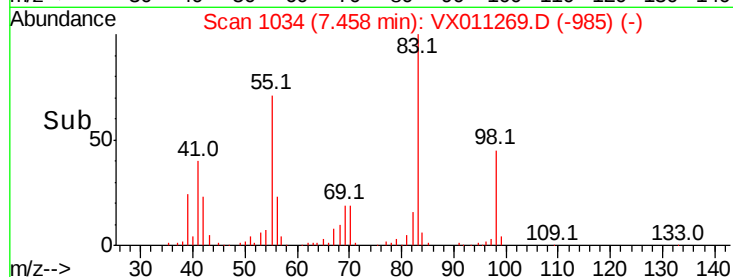
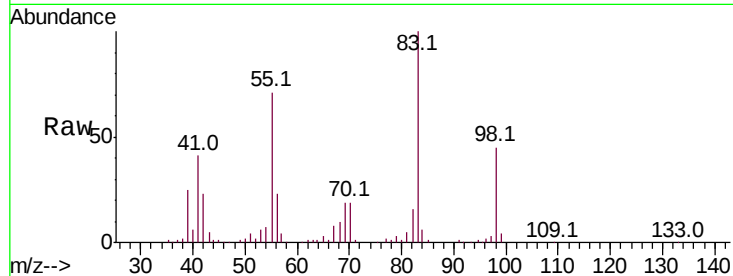
#39  
Methvlcvclohexane  
Concen: 17.136 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

Tot Ion: 83 Resp: 42034  
Ion Ratio Lower Upper  
83 100  
55 70.8 56.1 84.1  
98 44.6 39.0 58.4

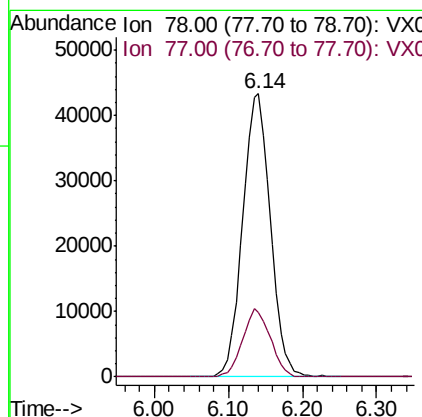
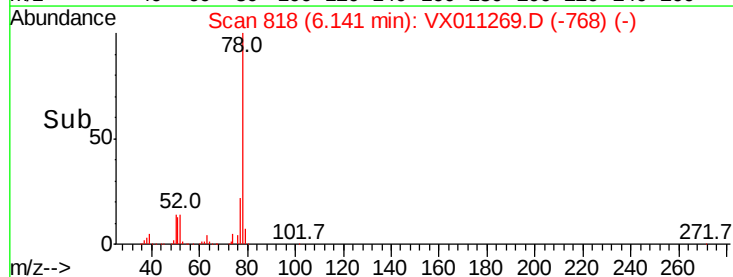
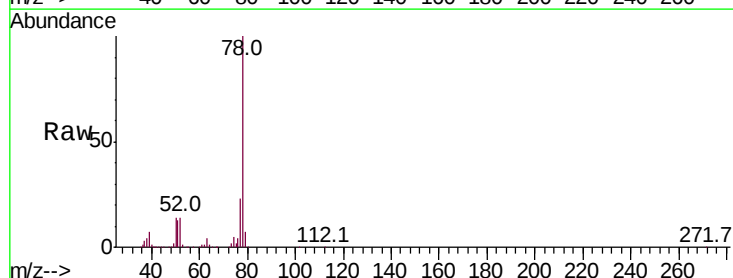
Manual Integrations  
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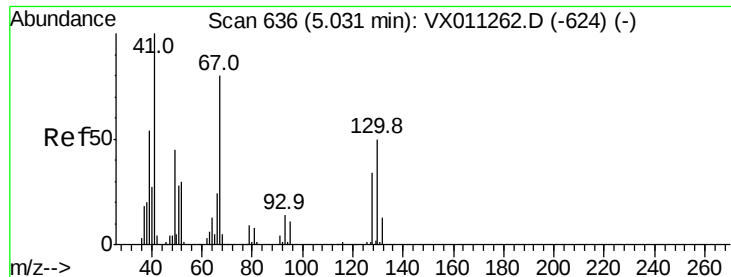
MMDadoda  
8/2/2019 9:05:07 AM



#40  
Benzene  
Concen: 18.374 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.01 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Tgt Ion: 78 Resp: 113464  
Ion Ratio Lower Upper  
78 100  
77 22.8 18.2 27.2





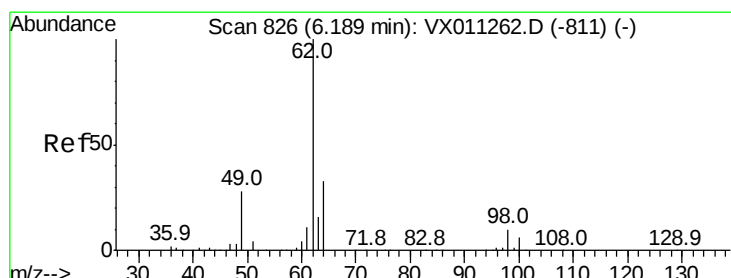
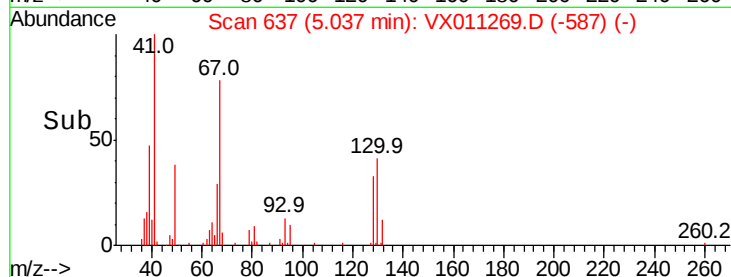
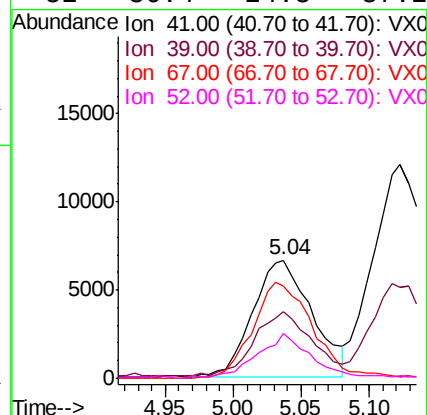
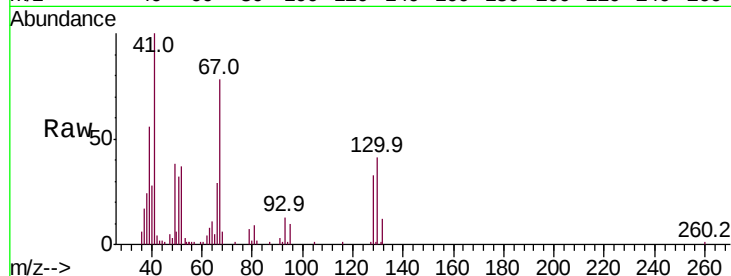
#41  
Methacrylonitrile  
Concen: 17.617 ug/l  
RT: 5.04 min Scan# 637  
Delta R.T. 0.01 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0801WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.1 | 43.0  | 64.6  |       |
| 67      | 83.4 | 65.1  | 97.7  |       |
| 52      | 36.4 | 24.8  | 37.2  |       |

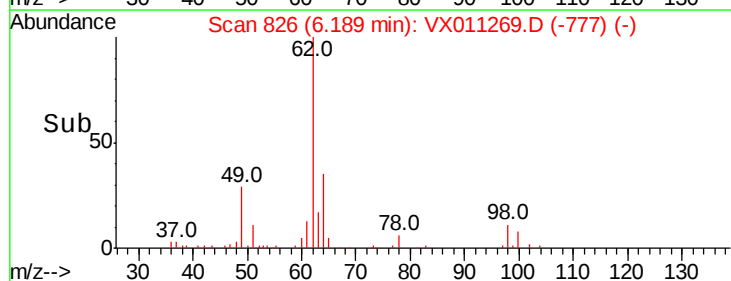
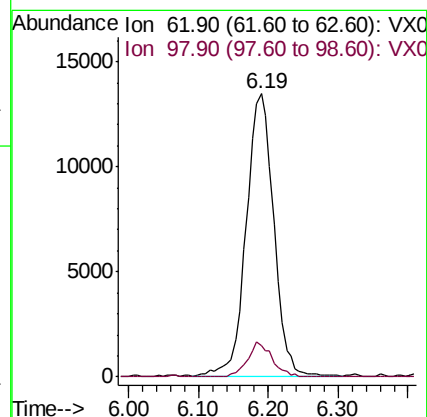
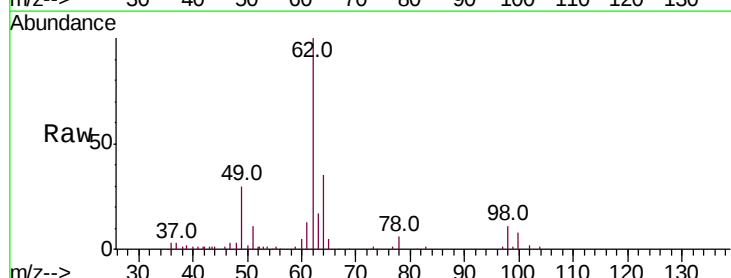
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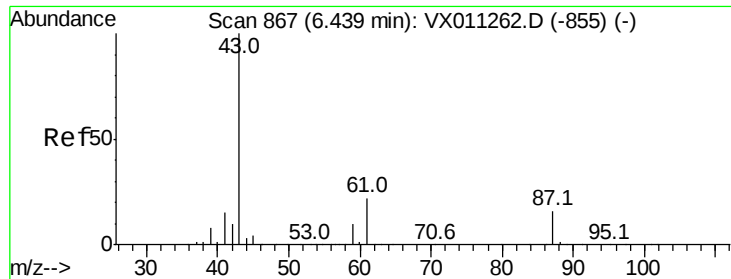
MMDadoda  
8/2/2019 9:05:07 AM



#42  
1,2-Dichloroethane  
Concen: 17.773 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.8 | 0.0   | 20.6  |       |





#43

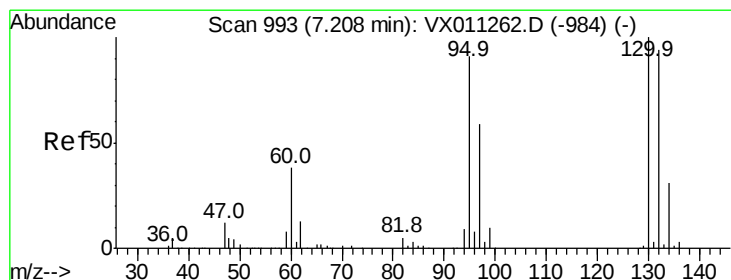
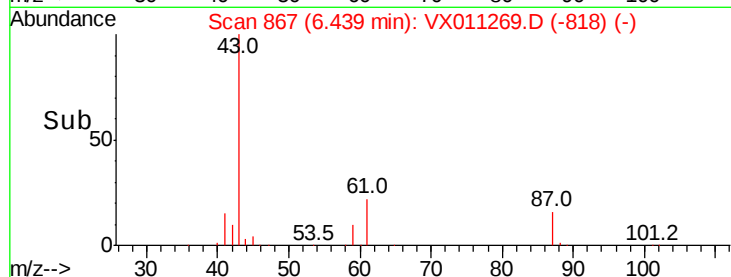
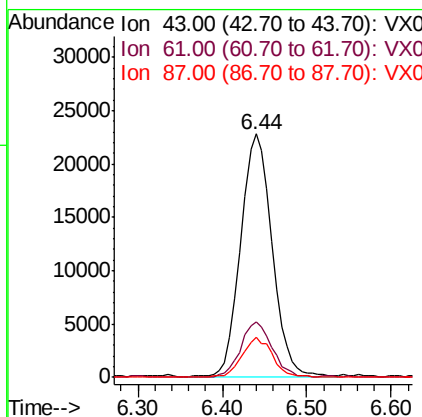
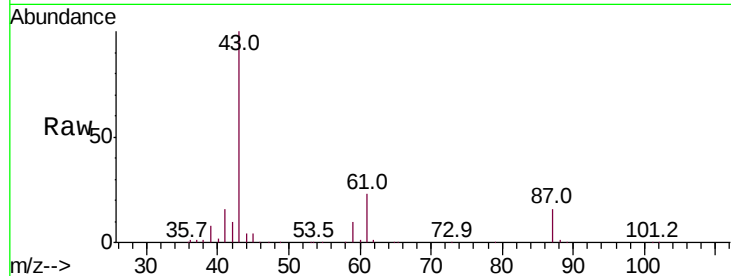
Isopropyl Acetate  
 Concen: 17.568 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.5  | 16.5  | 24.7  |
| 87      | 15.6  | 12.1  | 18.1  |

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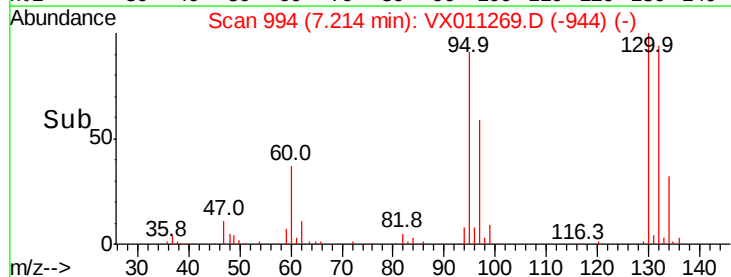
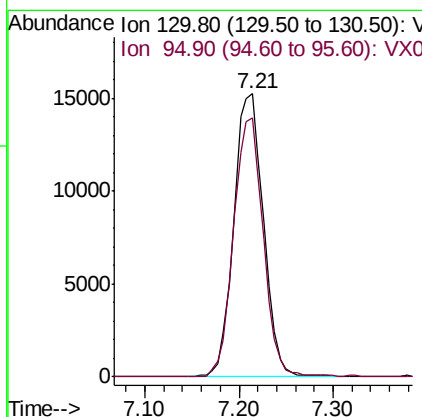
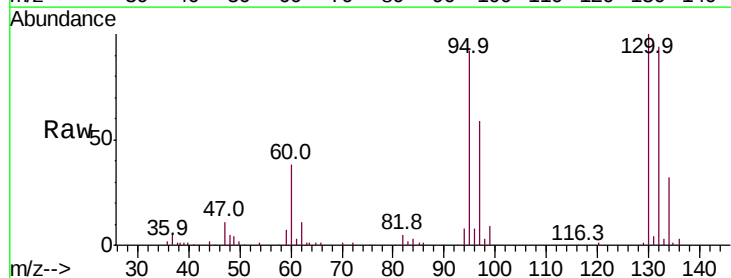
MMDadoda  
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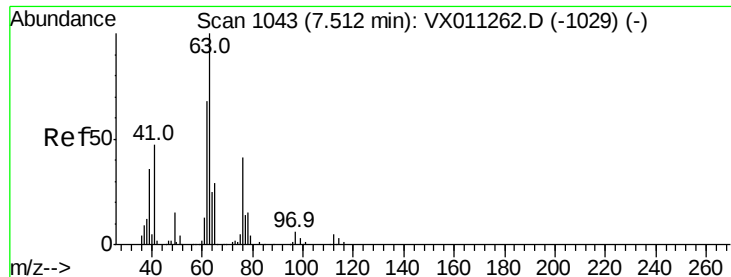


#44

Trichloroethene  
 Concen: 17.840 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.7  | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 17.796 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 63 Resp: 28461

Ion Ratio Lower Upper

63 100

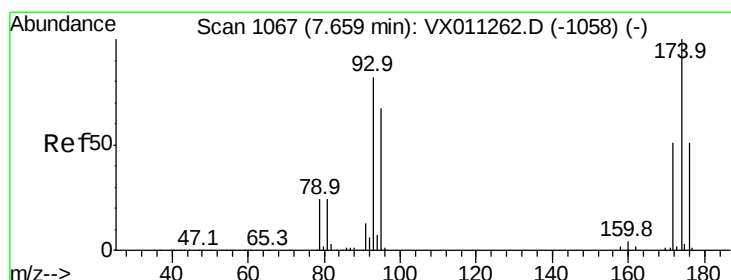
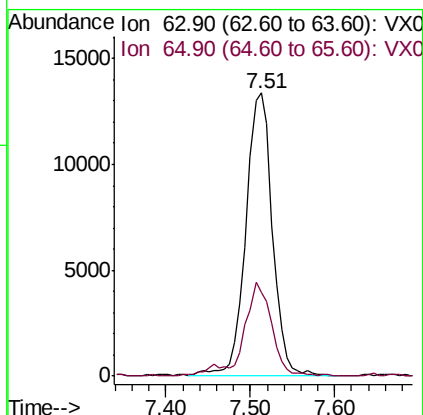
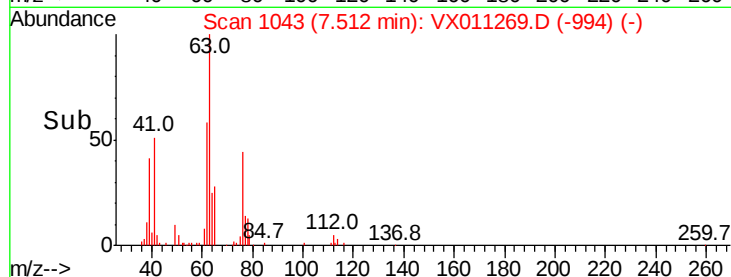
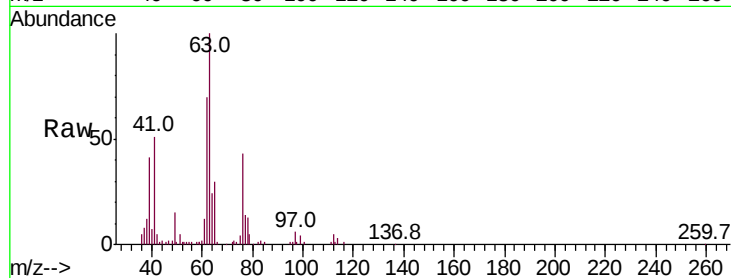
65 29.8 23.3 34.9

Manual Integrations

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#46

Dibromomethane

Concen: 17.635 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

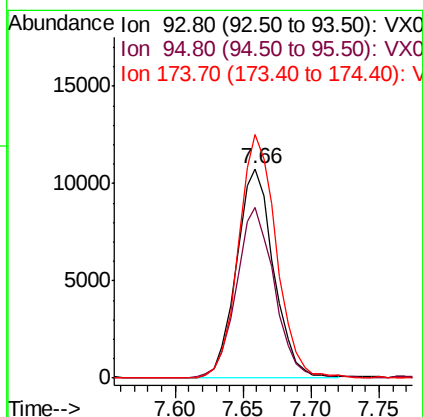
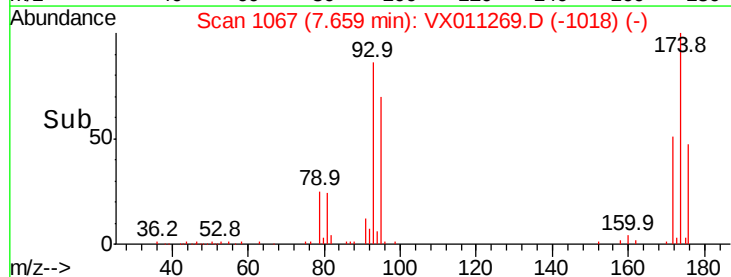
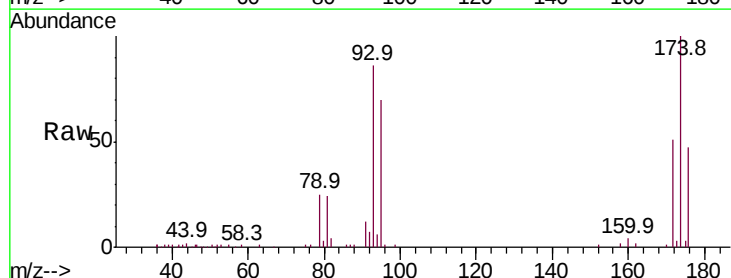
Tgt Ion: 93 Resp: 20589

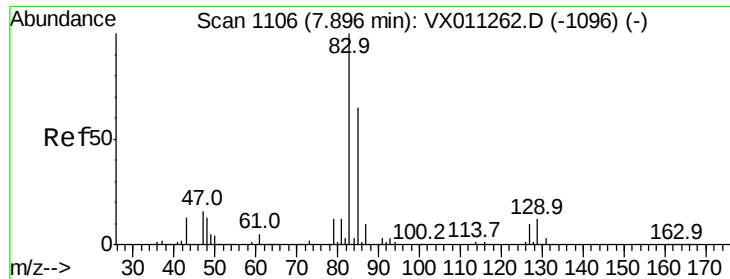
Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 118.1 93.4 140.2





#47

Bromodichloromethane

Concen: 17.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

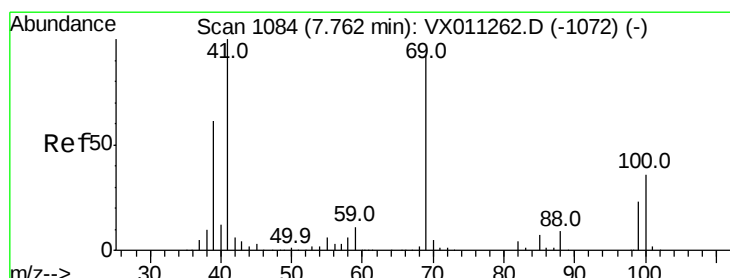
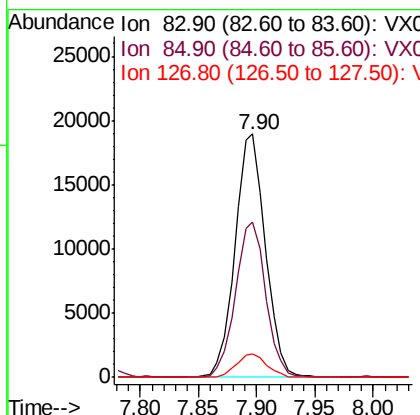
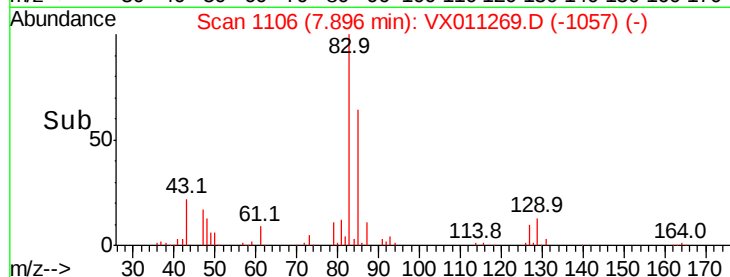
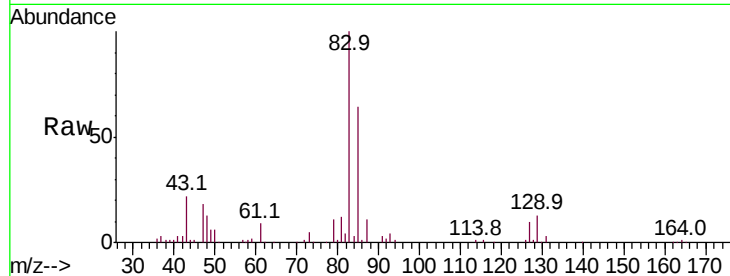
ClientSampled :

VX0801WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 34439 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.6  | 52.2  | 78.2  |
| 127      | 9.9   | 7.8   | 11.8  |

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#48

Methyl methacrylate

Concen: 17.723 ug/l

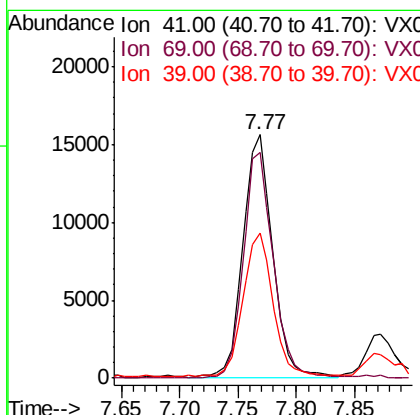
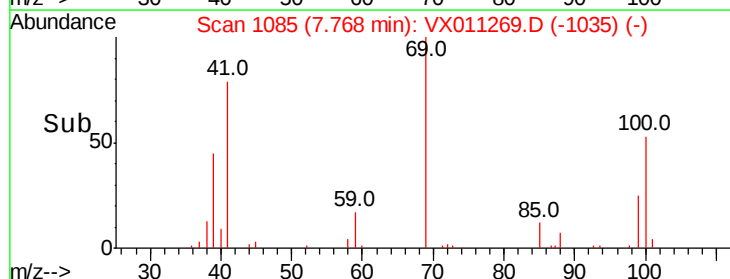
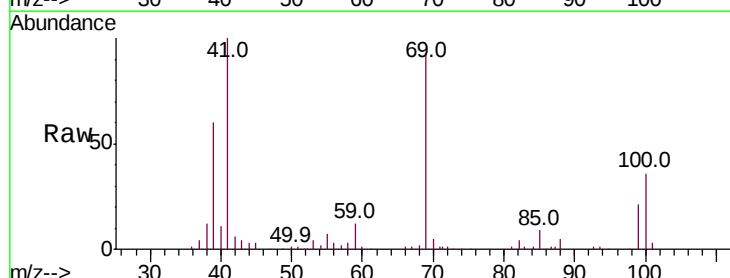
RT: 7.77 min Scan# 1085

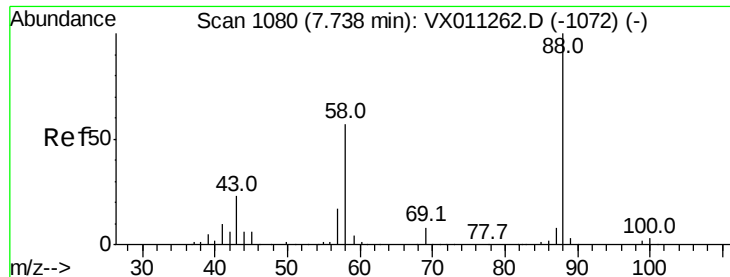
Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27681 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 94.4  | 74.5  | 111.7 |
| 39       | 59.8  | 48.6  | 72.8  |





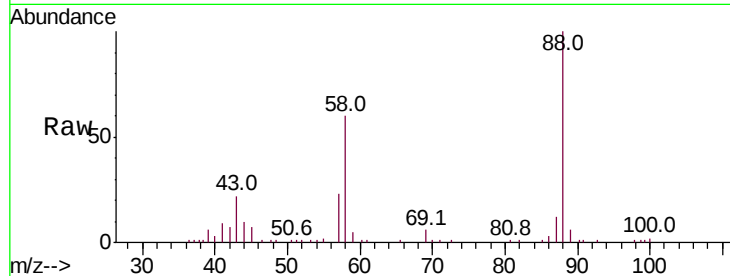
#49  
1,4-Dioxane  
Concen: 375.295 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

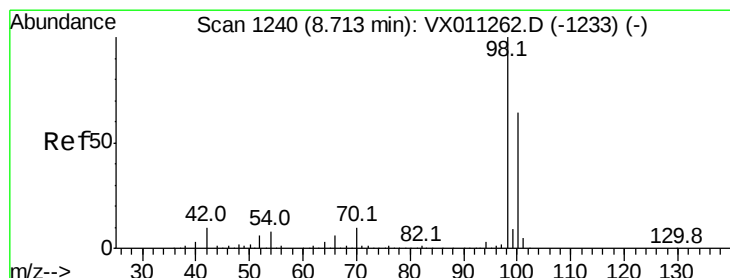
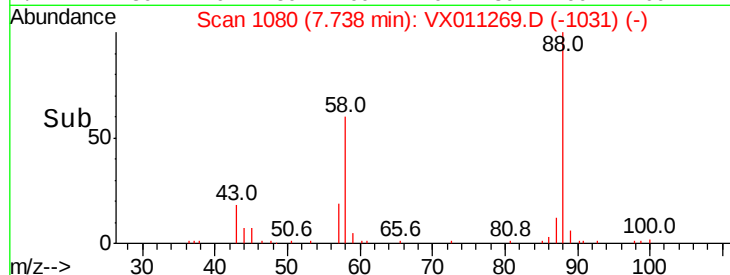
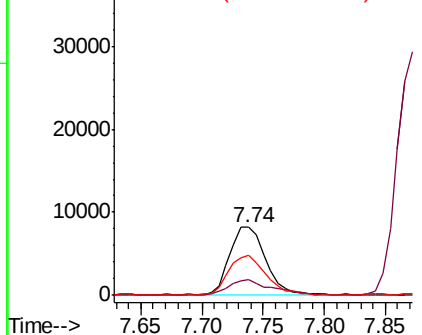
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 26.0  | 22.2  | 33.2  |
| 58      | 62.2  | 47.8  | 71.8  |

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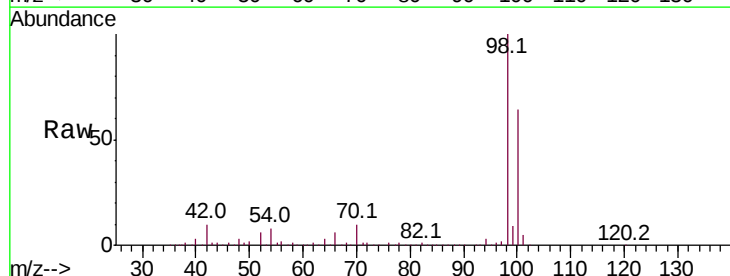


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

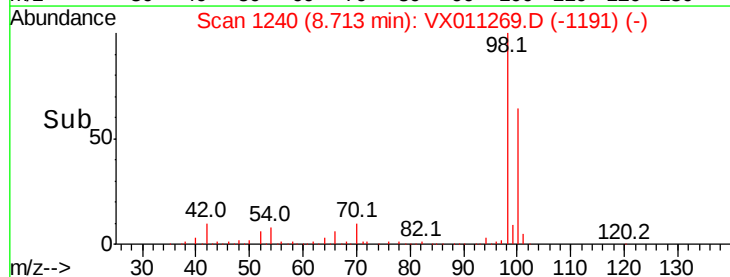
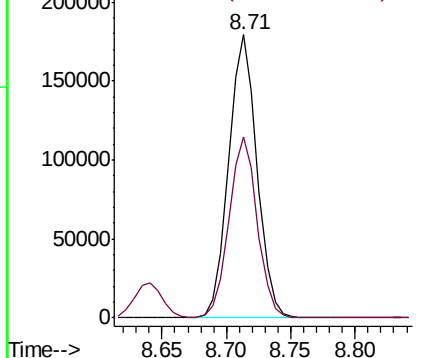


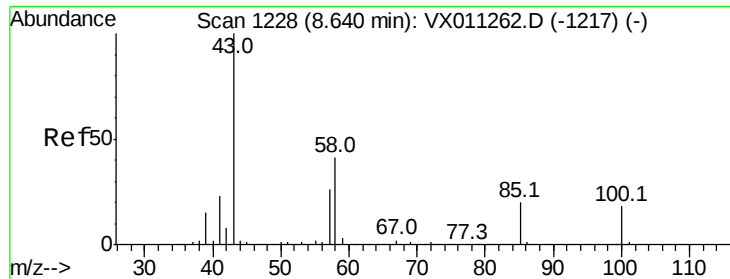
#50  
Toluene-d8  
Concen: 47.256 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 51.7  | 77.5  |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





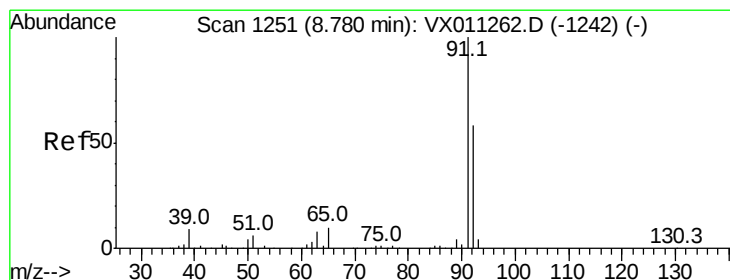
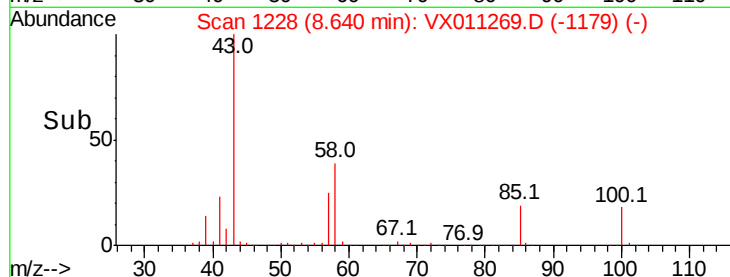
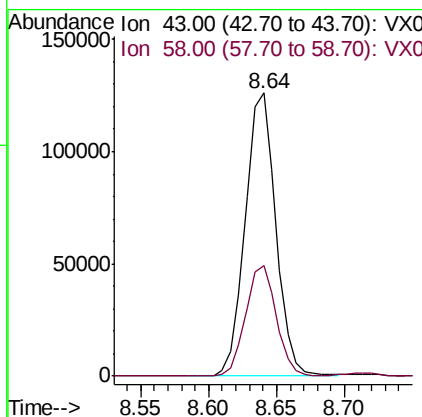
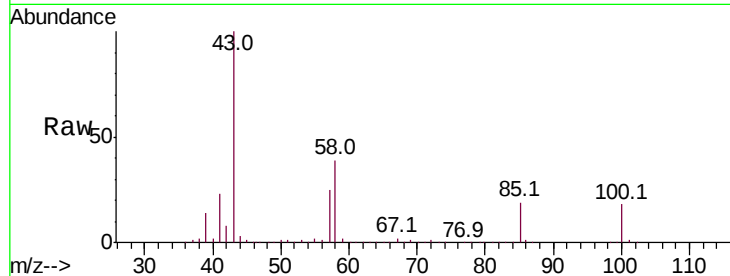
#51  
4-Methyl-2-Pentanone  
Concen: 92.924 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0801WBS01

| Tot Ion | 43 | 58 | Ratio | 100 | 39.3 | Resp | 199024 | Lower | 32.3 | Upper | 48.5 |
|---------|----|----|-------|-----|------|------|--------|-------|------|-------|------|
| Ion     | 43 | 58 | Ratio | 100 | 39.3 | Resp | 199024 | Lower | 32.3 | Upper | 48.5 |

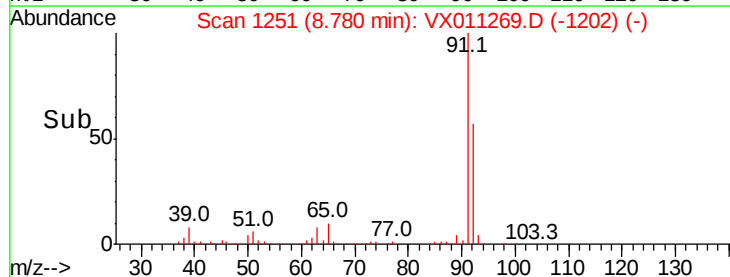
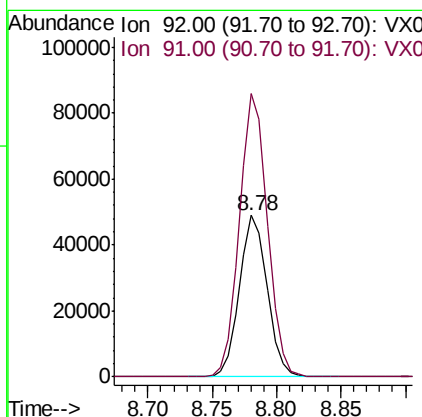
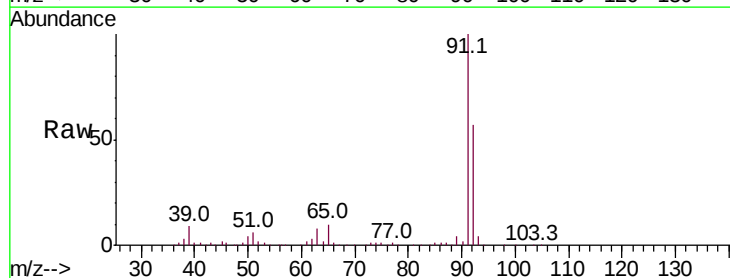
Manual Integrations  
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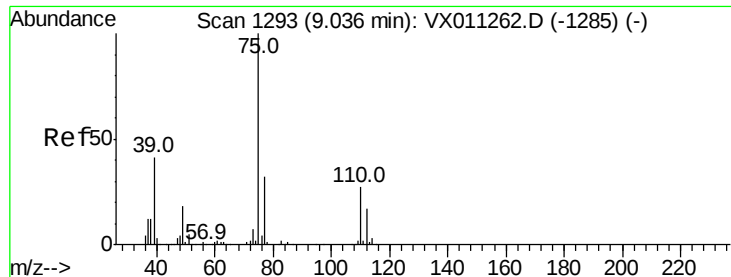
MMDadoda  
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#52  
Toluene  
Concen: 17.947 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | 92 | 91 | Ratio | 100 | 176.5 | Resp | 73276 | Lower | 139.4 | Upper | 209.0 |
|---------|----|----|-------|-----|-------|------|-------|-------|-------|-------|-------|
| Ion     | 92 | 91 | Ratio | 100 | 176.5 | Resp | 73276 | Lower | 139.4 | Upper | 209.0 |





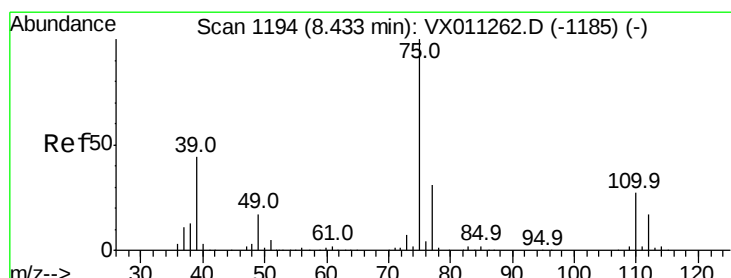
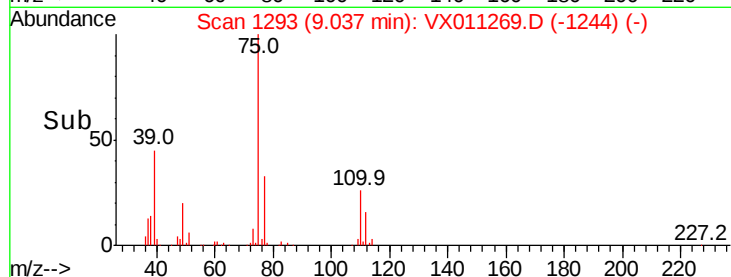
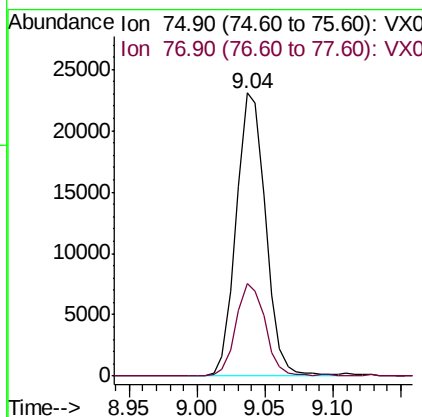
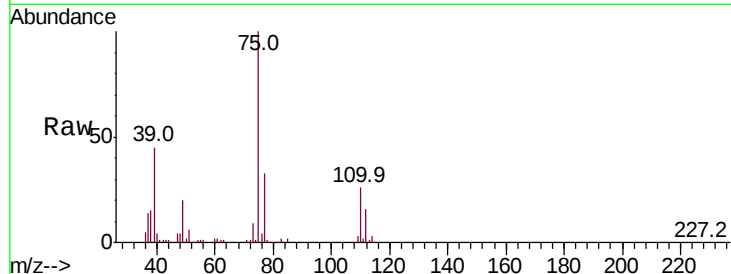
#53  
 t-1,3-Dichloropropene  
 Concen: 17.097 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0801WBS01

Tot Ion: 75 Resp: 34799  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.4 38.0

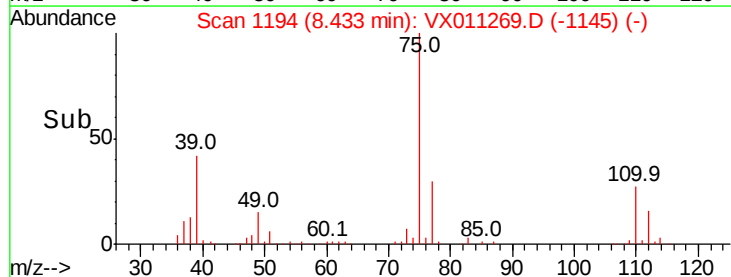
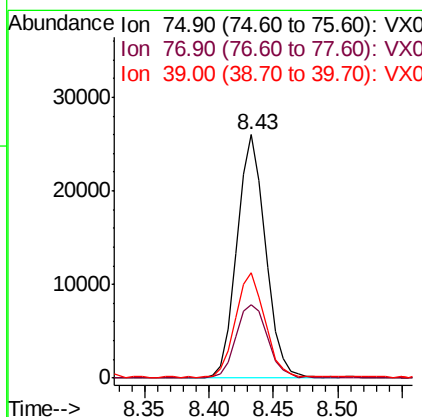
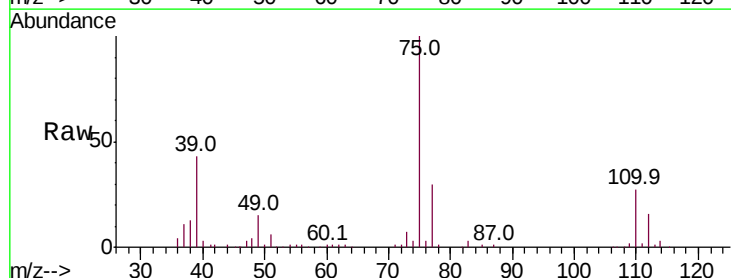
Manual Integrations  
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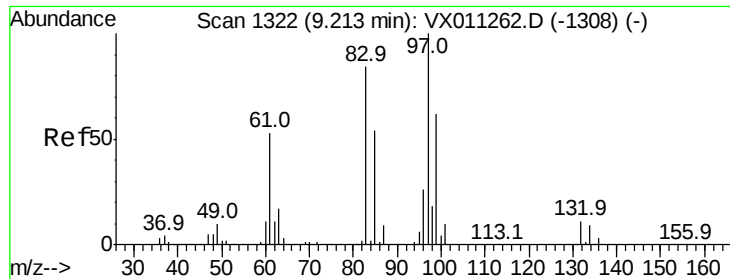
MMDadoda  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 17.425 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Tgt Ion: 75 Resp: 40234  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.0 37.6  
 39 42.5 35.3 52.9





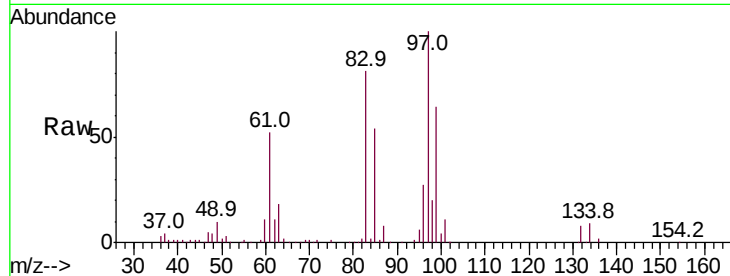
#55  
 1,1,2-Trichloroethane  
 Concen: 18.448 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

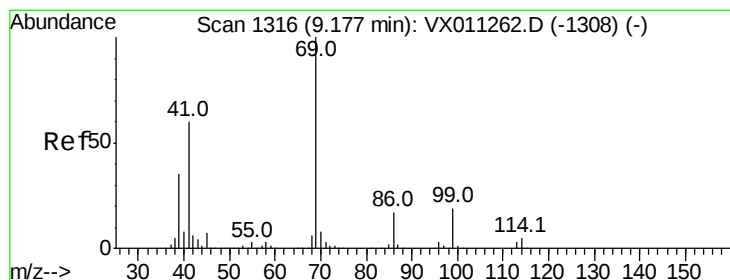
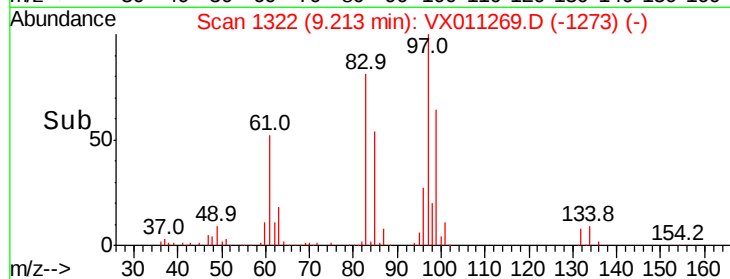
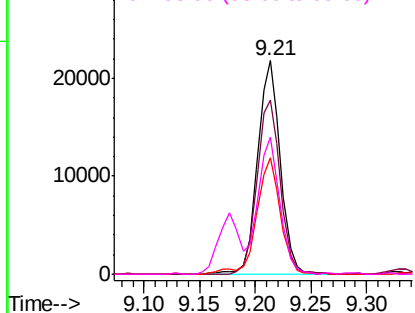
| Tot Ion | 97    | Resp  | 30970 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 81.4  | 67.6  | 101.4 |
| 85      | 54.5  | 43.4  | 65.0  |
| 99      | 64.0  | 49.6  | 74.4  |

Manual Integrations  
 APPROVED

MMDadoda  
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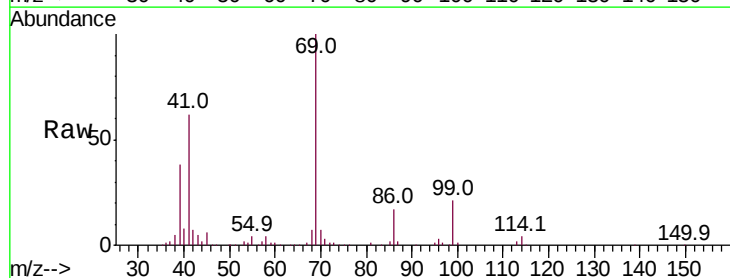


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

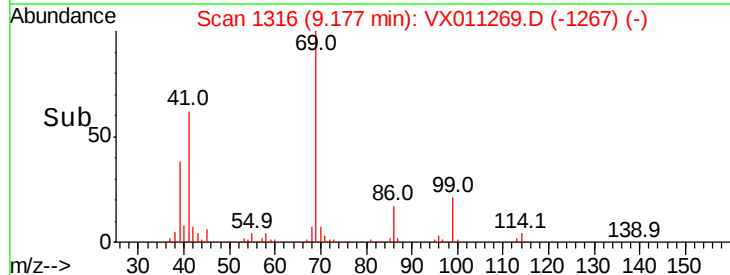
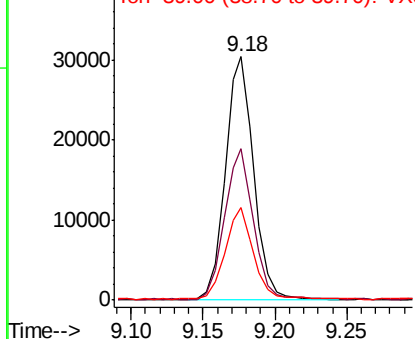


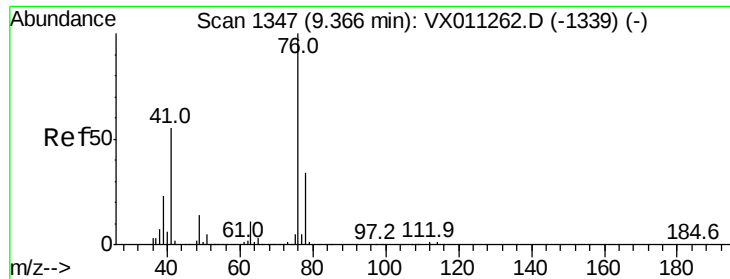
#56  
 Ethyl methacrylate  
 Concen: 17.630 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | 69    | Resp  | 42176 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 64.0  | 48.6  | 73.0  |
| 39      | 37.7  | 29.4  | 44.2  |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.239 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion: 76 Resp: 48423

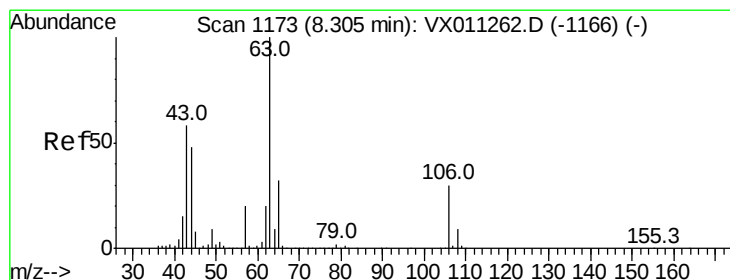
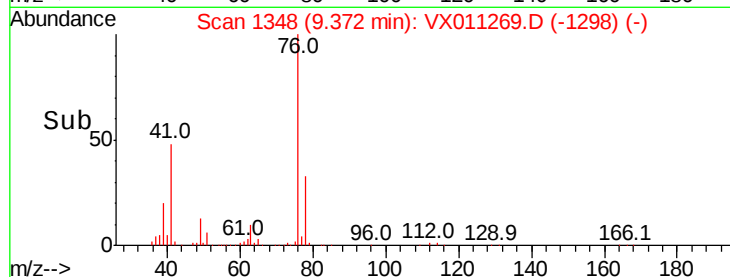
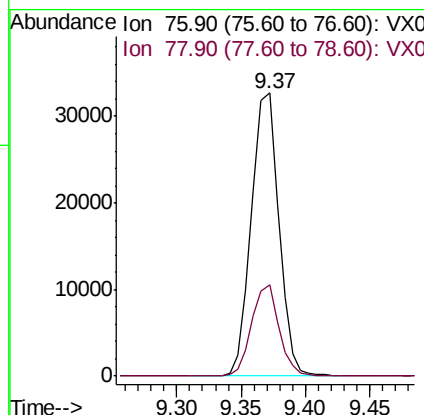
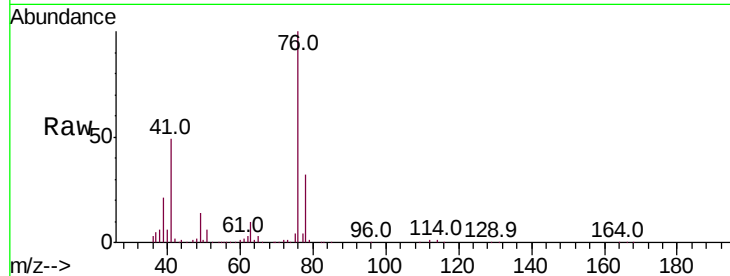
Ion Ratio Lower Upper

76 100

78 32.0 26.6 40.0

Manual Integrations  
APPROVED

MMDadoda  
8/2/2019 9:05:07 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.868 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011269.D

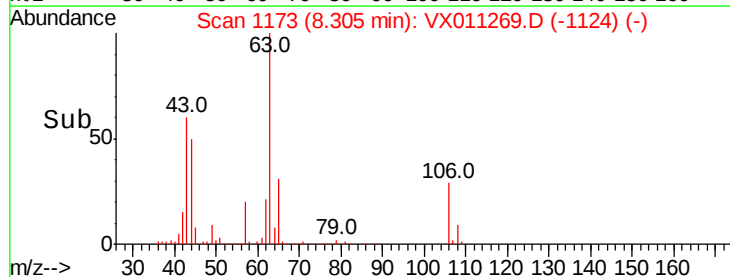
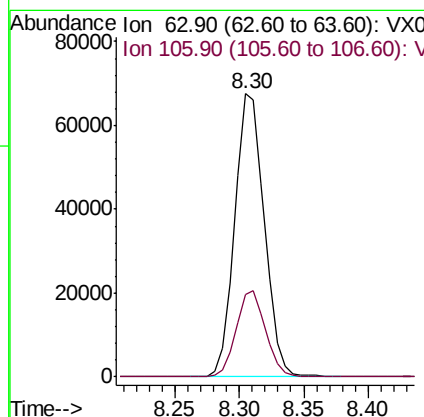
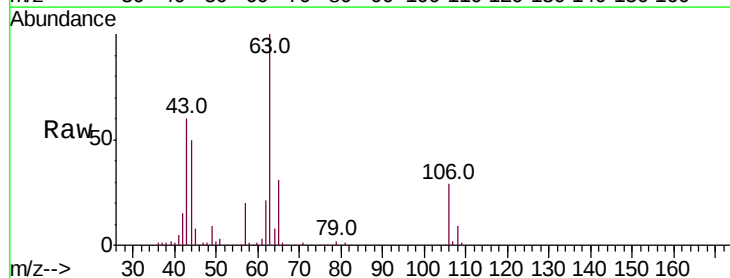
Acq: 01 Aug 2019 19:43

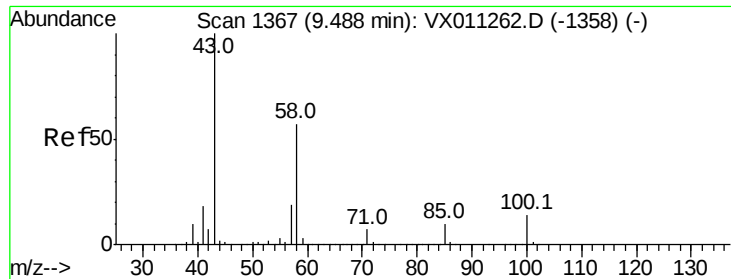
Tgt Ion: 63 Resp: 108062

Ion Ratio Lower Upper

63 100

106 30.2 24.4 36.6





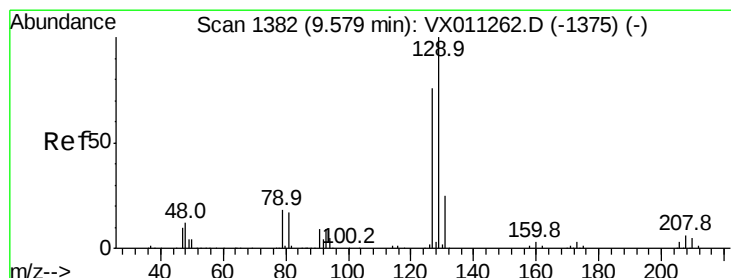
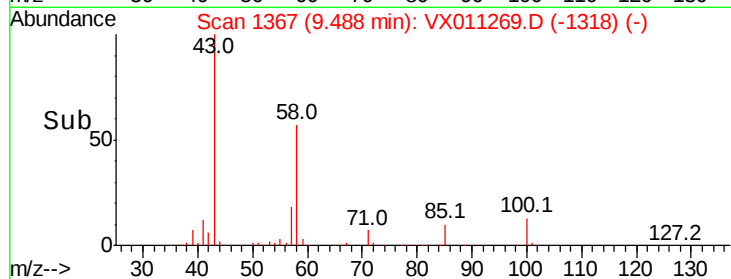
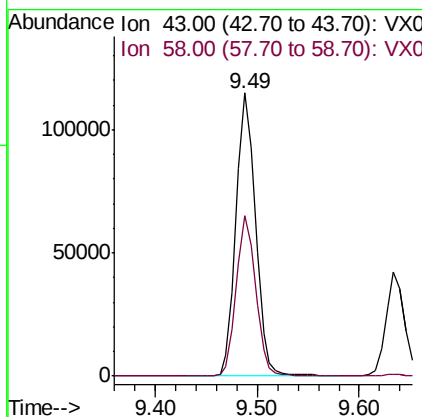
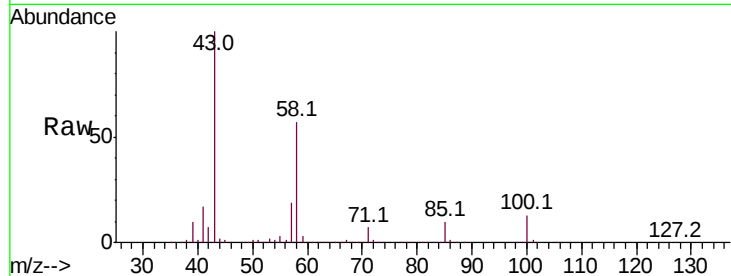
#59  
2-Hexanone  
Concen: 91.843 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0801WBS01

Tot Ion: 43 Resp: 152363  
Ion Ratio Lower Upper  
43 100  
58 55.9 28.2 84.6

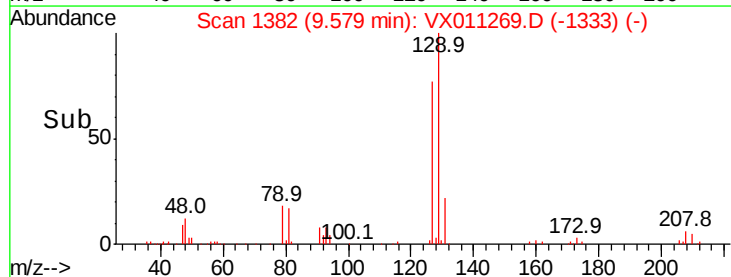
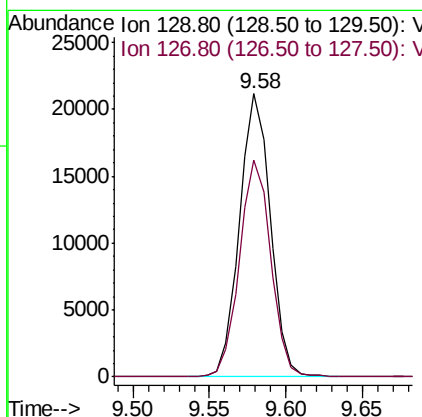
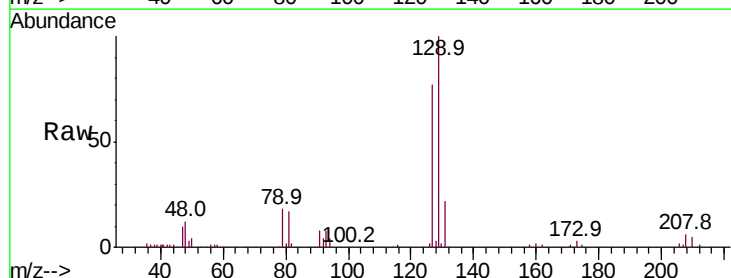
Manual Integrations  
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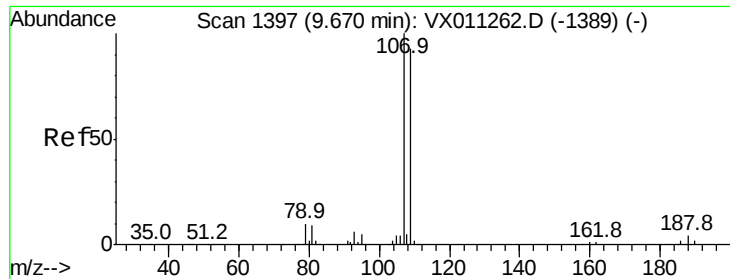
MMDadoda  
8/2/2019 9:05:07 AM



#60  
Dibromochloromethane  
Concen: 17.280 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Tgt Ion:129 Resp: 29700  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.2 117.6





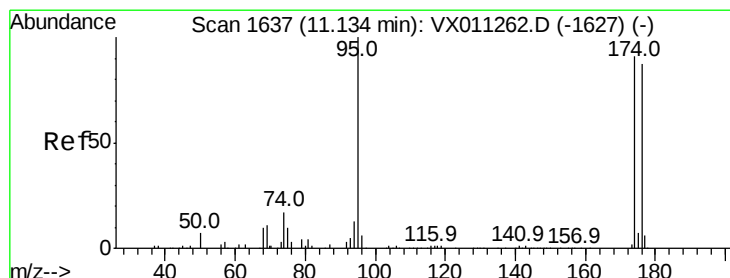
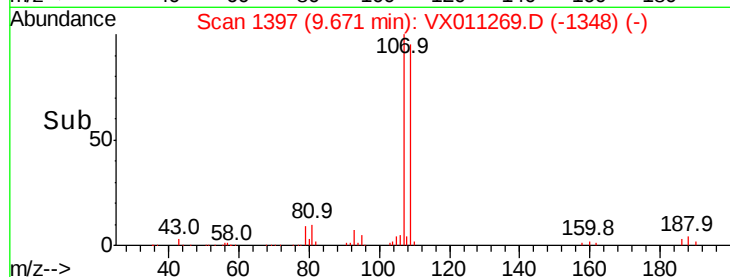
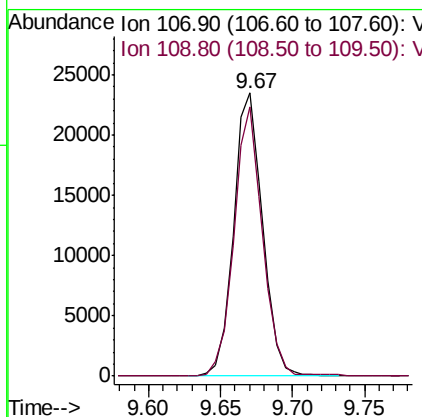
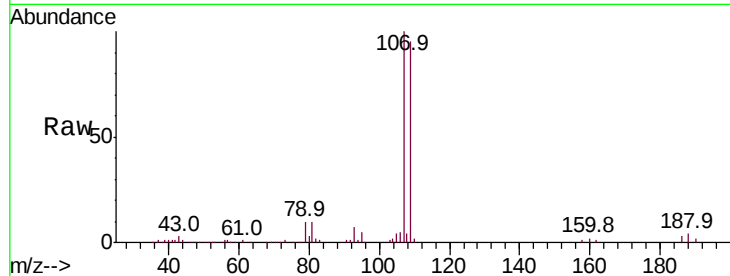
#61  
 1,2-Dibromoethane  
 Concen: 18.098 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.9  | 76.6  | 114.8 |

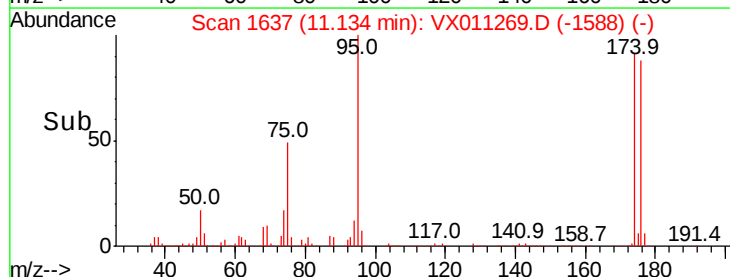
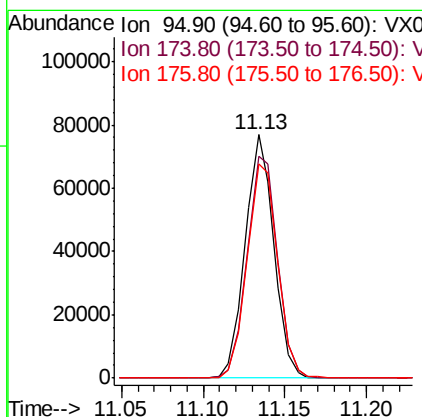
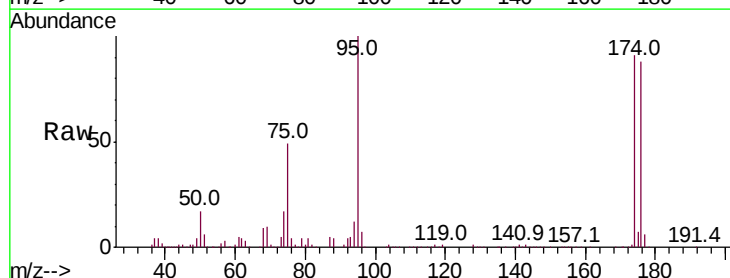
Manual Integrations  
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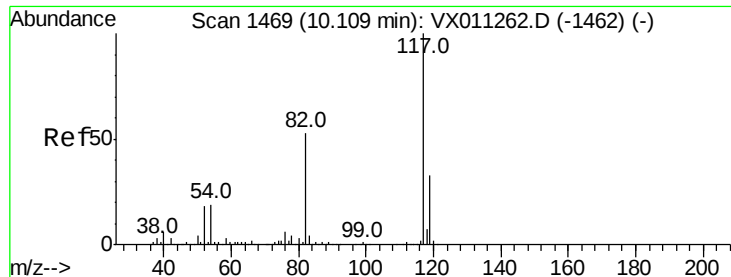
MMDadoda  
 8/2/2019 9:05:07 AM



#62  
 4-Bromofluorobenzene  
 Concen: 45.298 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 96.7  | 0.0   | 191.2 |
| 176     | 93.5  | 0.0   | 184.8 |





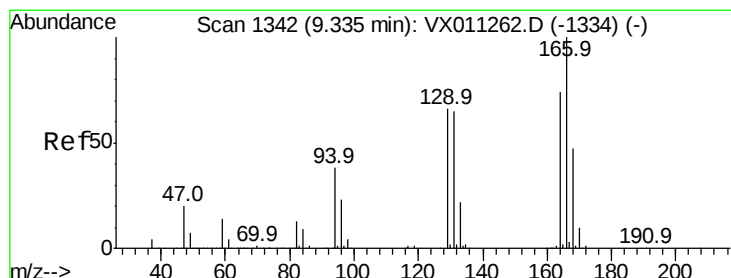
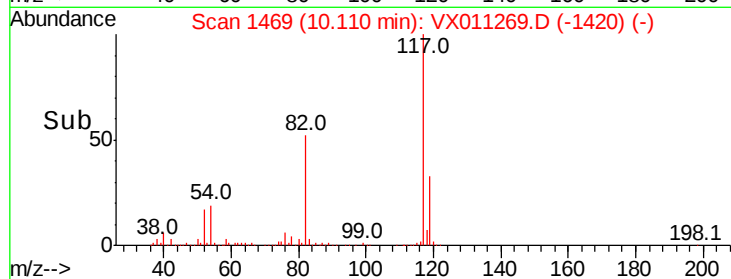
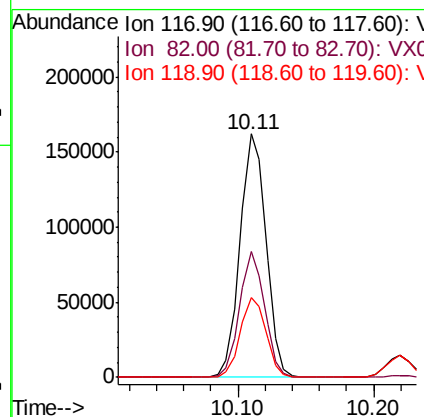
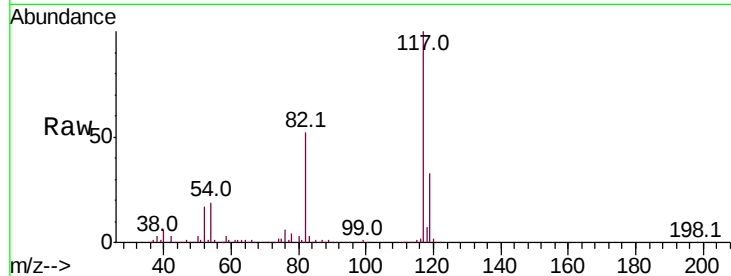
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 216412 |       |       |
| 82      | 51.7  | 42.2   | 63.2  |       |
| 119     | 32.7  | 26.6   | 39.8  |       |

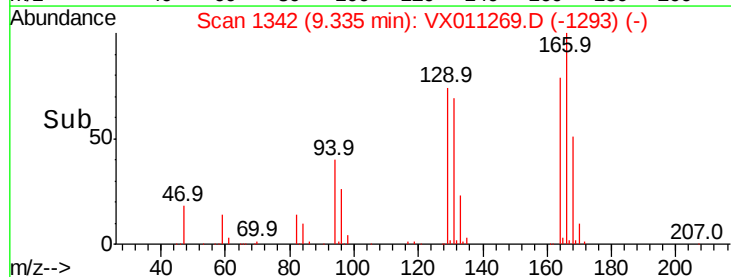
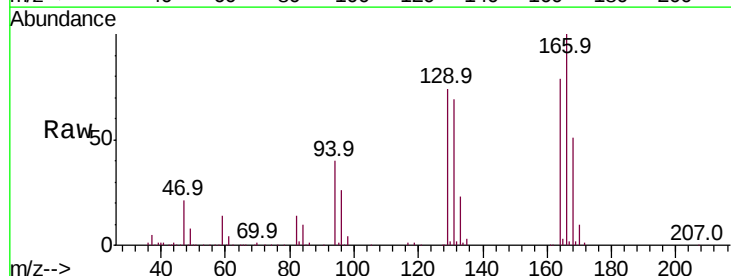
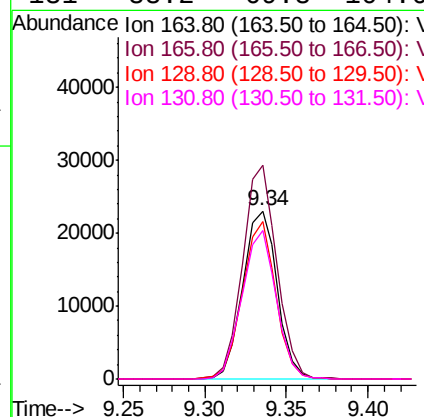
Manual Integrations  
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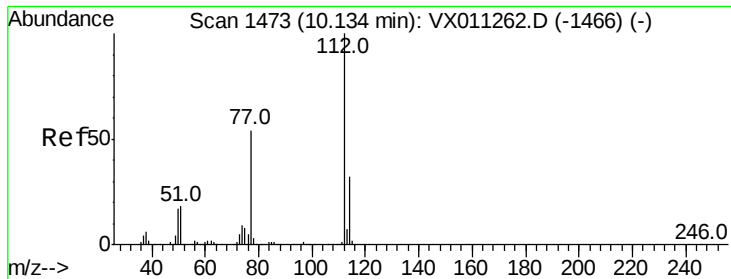
MMDadoda  
8/2/2019 9:05:07 AM



#64  
Tetrachloroethene  
Concen: 18.420 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 33854 |       |       |
| 166     | 127.4 | 107.5 | 161.3 |       |
| 129     | 93.6  | 71.0  | 106.4 |       |
| 131     | 88.2  | 69.8  | 104.6 |       |





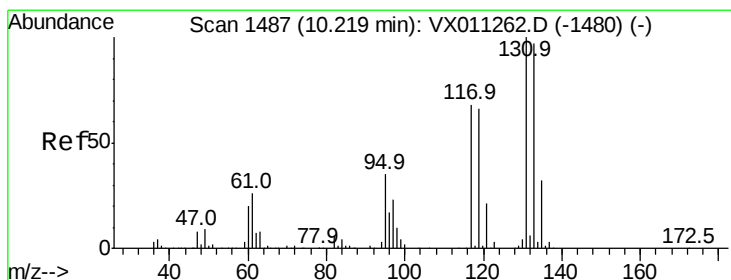
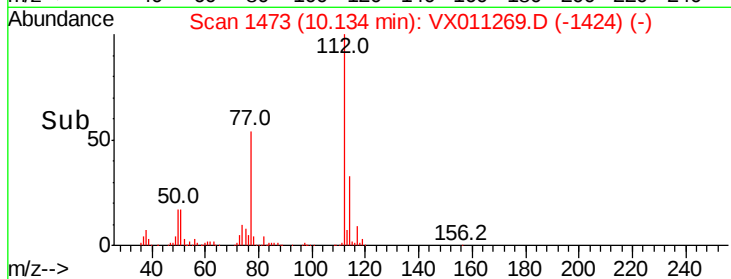
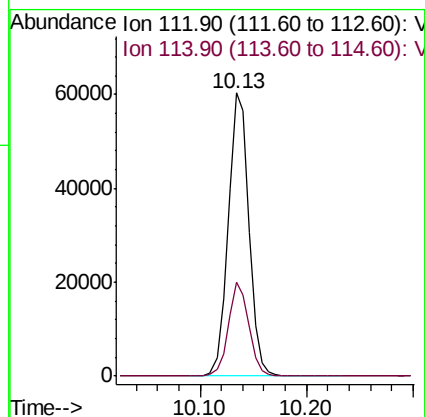
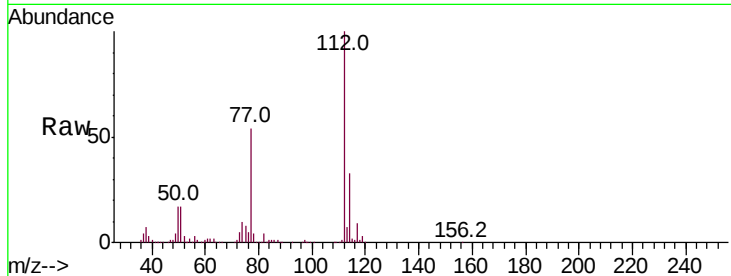
#65  
Chlorobenzene  
Concen: 17.684 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

Tot Ion:112 Resp: 82055  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.9 38.9

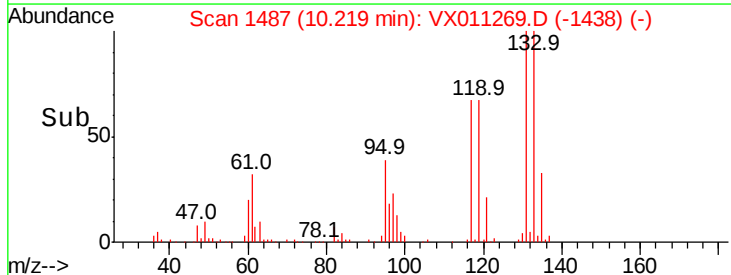
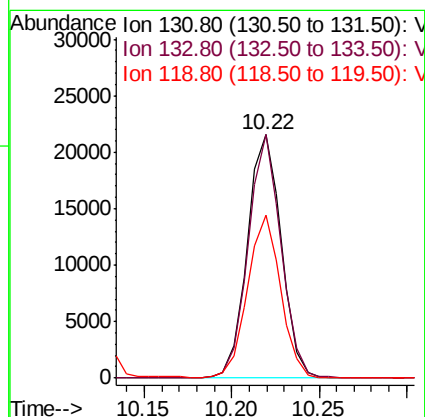
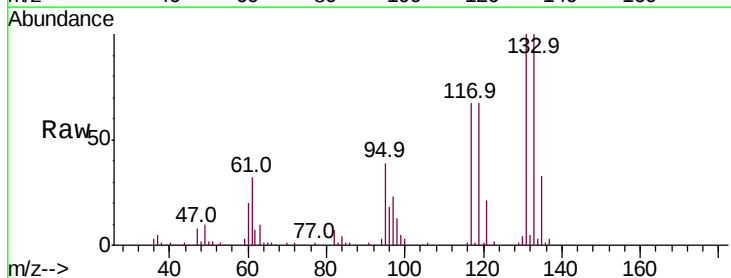
Manual Integrations  
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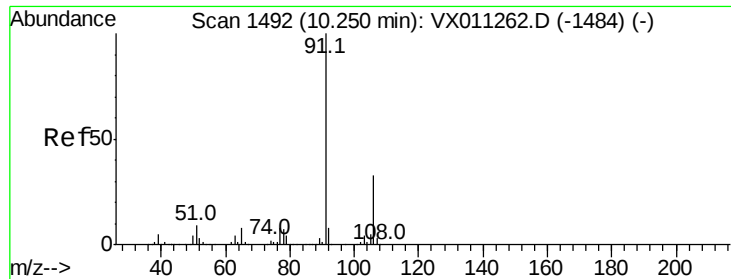
MMDadoda  
8/2/2019 9:05:07 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.344 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Tgt Ion:131 Resp: 29141  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.7 143.1  
119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 18.183 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion: 91 Resp: 141302

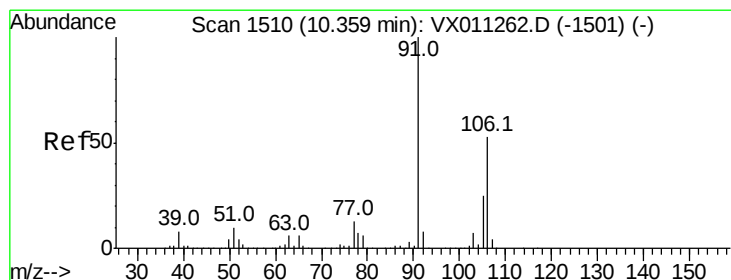
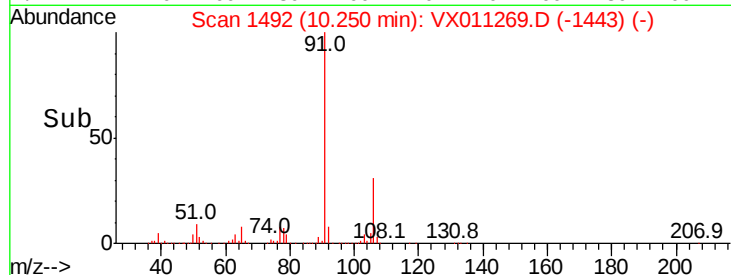
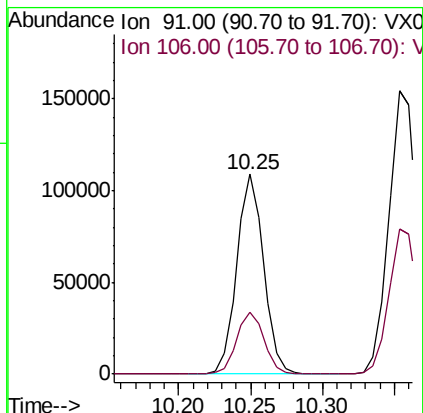
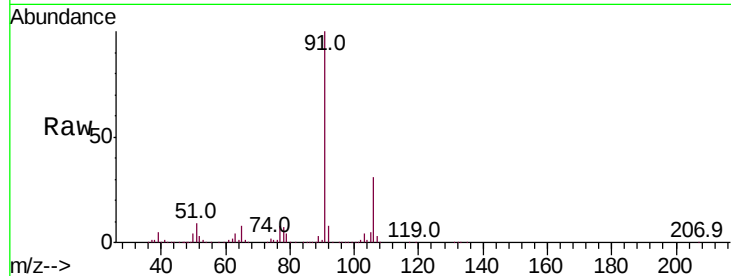
Ion Ratio Lower Upper

91 100

106 31.3 26.2 39.4

Manual Integrations  
APPROVED

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8/2/2019 9:05:07 AM



#68

m/p-Xylenes

Concen: 36.798 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011269.D

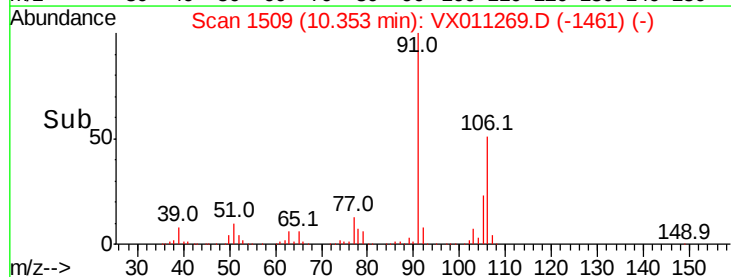
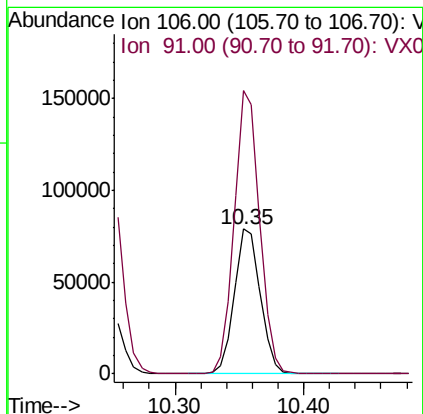
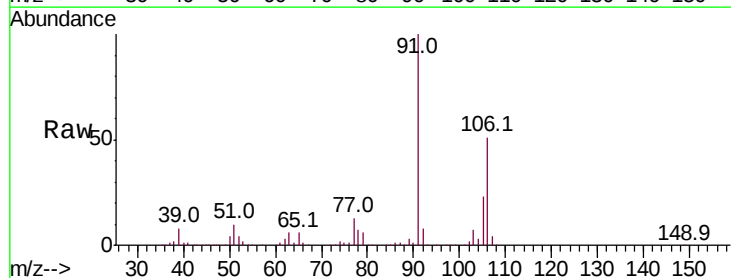
Acq: 01 Aug 2019 19:43

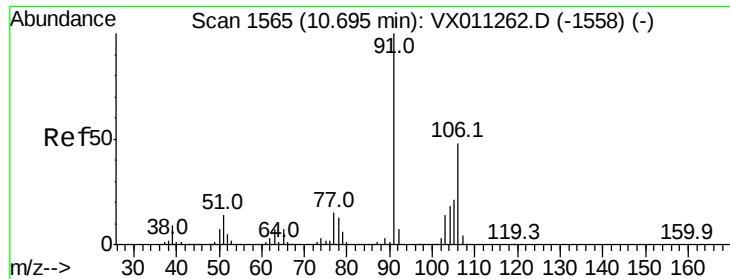
Tgt Ion: 106 Resp: 110609

Ion Ratio Lower Upper

106 100

91 192.2 155.9 233.9





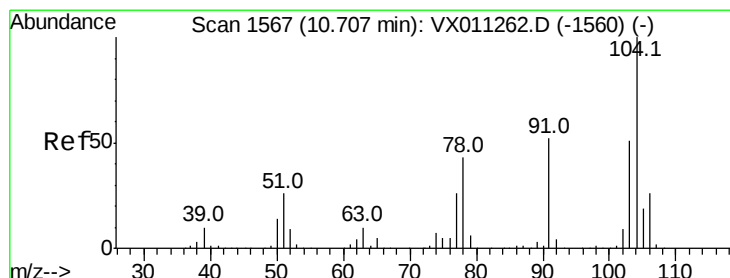
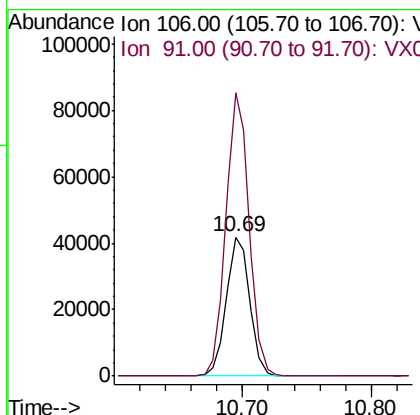
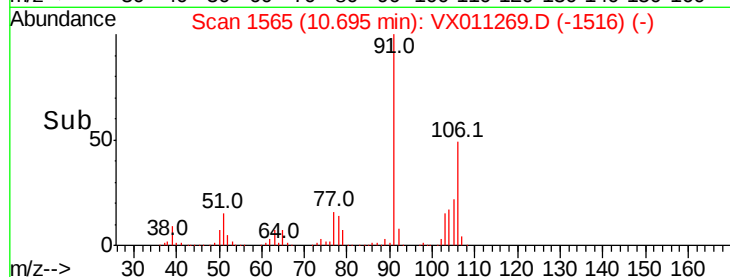
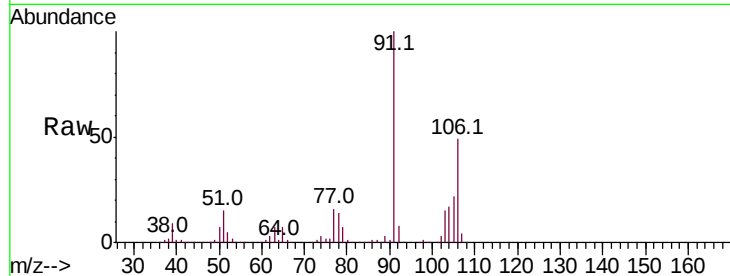
#69  
o-Xylene  
Concen: 18.238 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0801WBS01

Tot Ion:106 Resp: 53864  
Ion Ratio Lower Upper  
106 100  
91 201.4 103.8 311.3

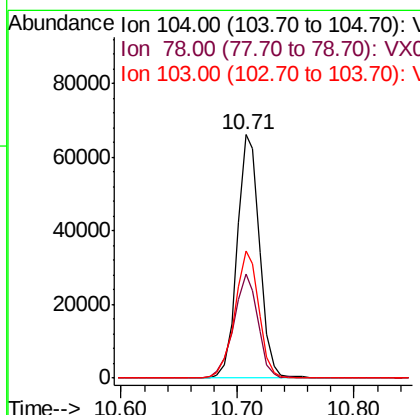
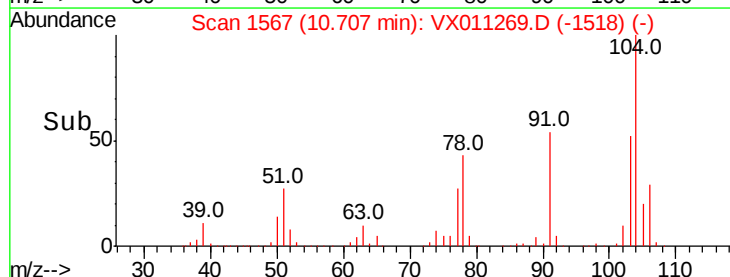
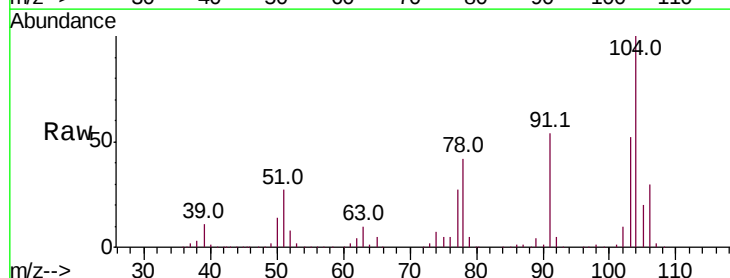
Manual Integrations  
APPROVED

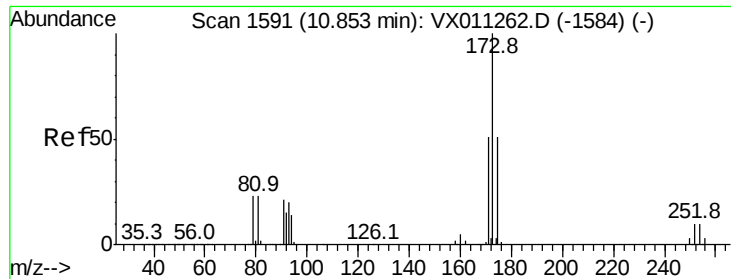
MMDadoda  
8/2/2019 9:05:07 AM



#70  
Styrene  
Concen: 18.143 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Tgt Ion:104 Resp: 88658  
Ion Ratio Lower Upper  
104 100  
78 46.3 36.9 55.3  
103 55.9 44.4 66.6





#71

Bromoform

Concen: 16.933 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion:173 Resp: 21227

Ion Ratio Lower Upper

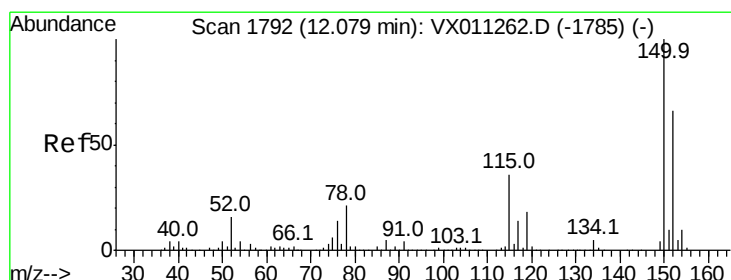
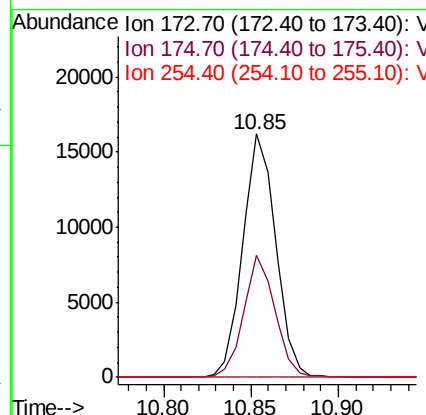
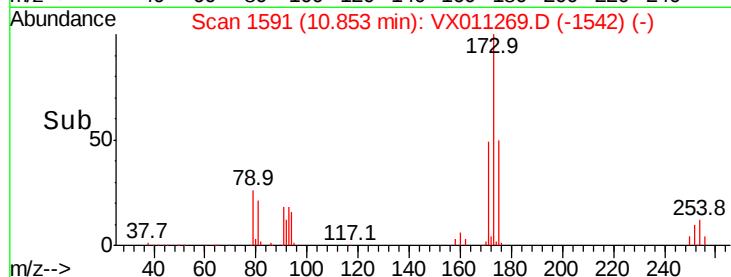
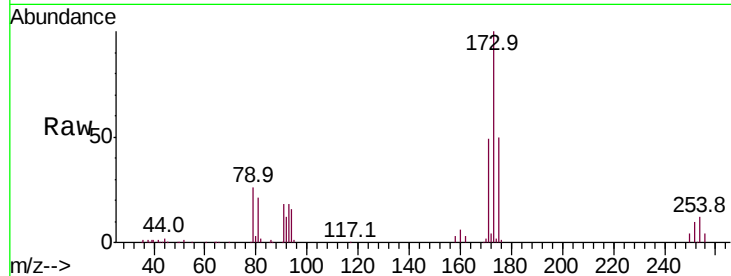
173 100

175 47.7 24.4 73.4

254 0.0 0.2 0.2#

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

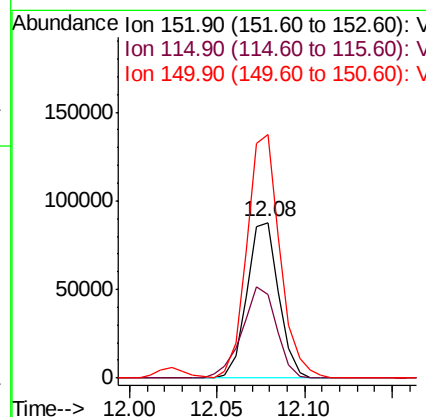
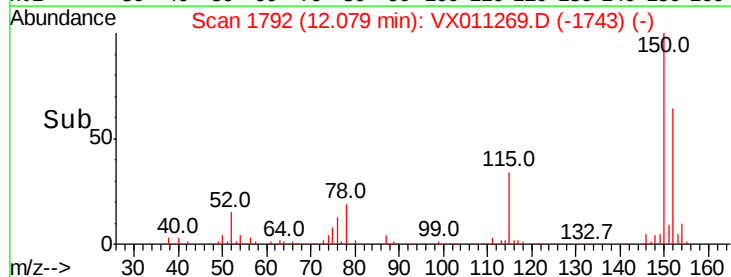
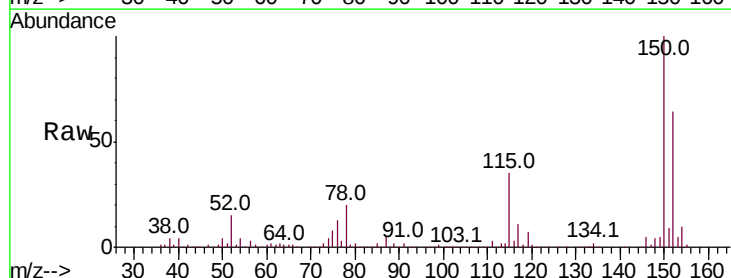
Tgt Ion:152 Resp: 110795

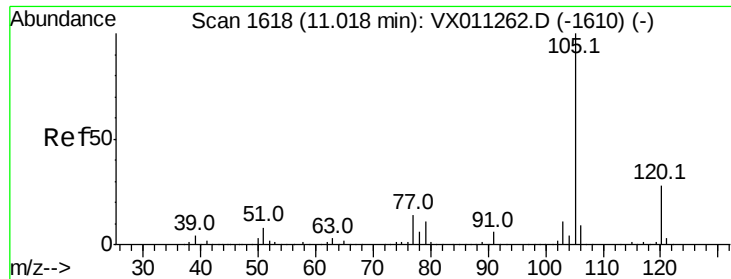
Ion Ratio Lower Upper

152 100

115 64.1 40.0 119.9

150 162.8 0.0 350.4





#73

Isopropylbenzene

Concen: 18.543 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion:105 Resp: 140509

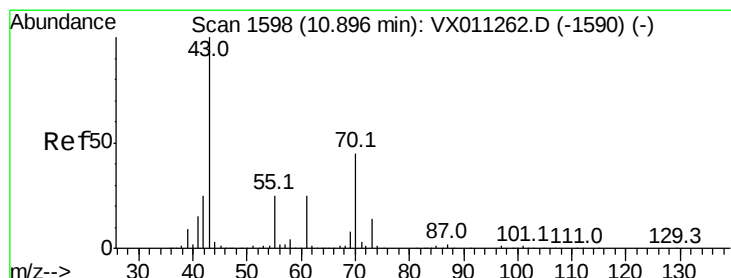
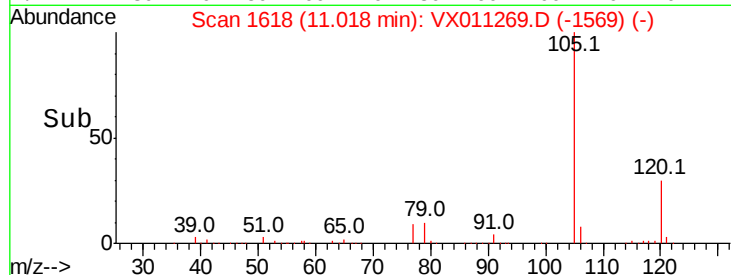
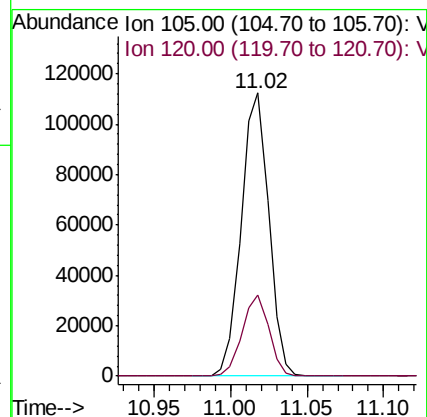
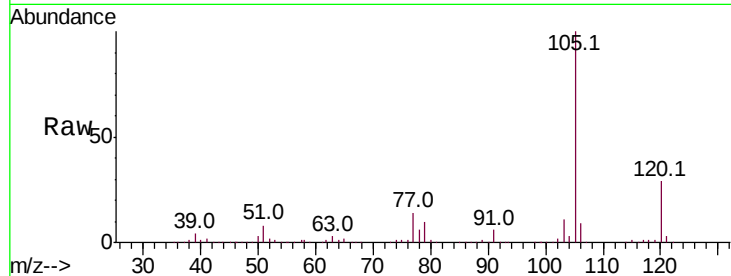
Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1

Manual Integrations  
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8/2/2019 9:05:07 AM



#74

N-amyl acetate

Concen: 19.180 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Tgt Ion: 43 Resp: 52516

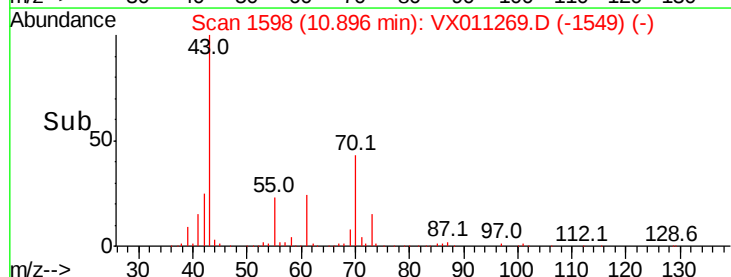
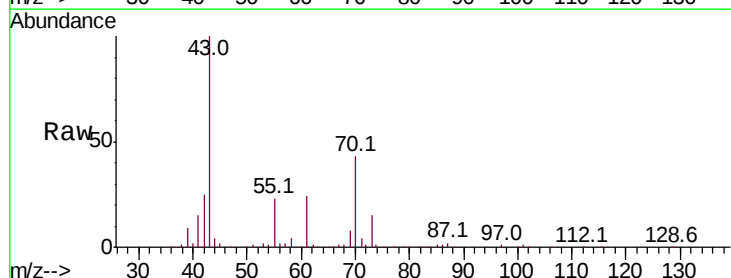
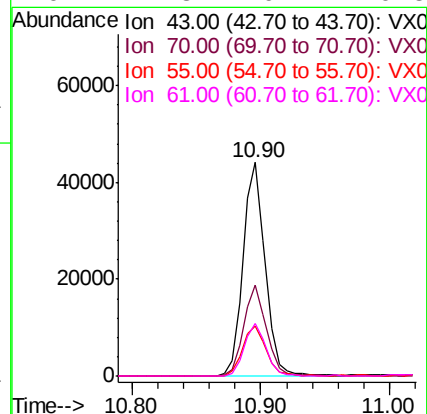
Ion Ratio Lower Upper

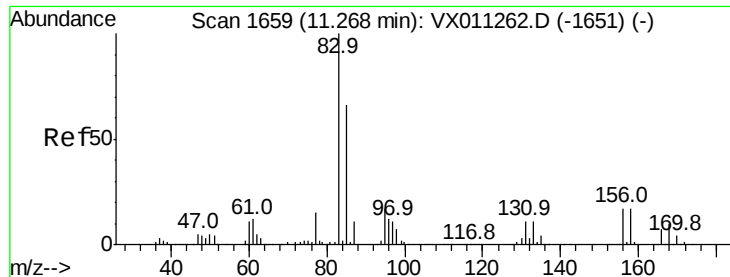
43 100

70 43.7 35.9 53.9

55 25.1 19.8 29.6

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.965 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion: 83 Resp: 47891

Ion Ratio Lower Upper

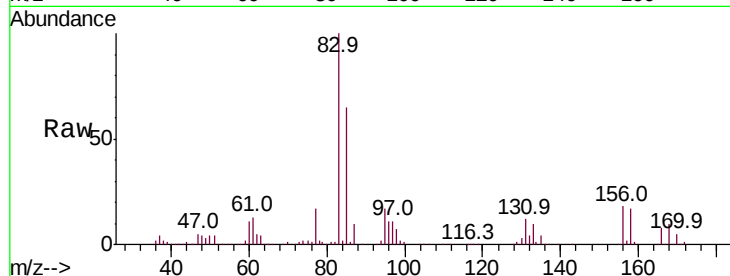
83 100

131 11.7 5.6 16.8

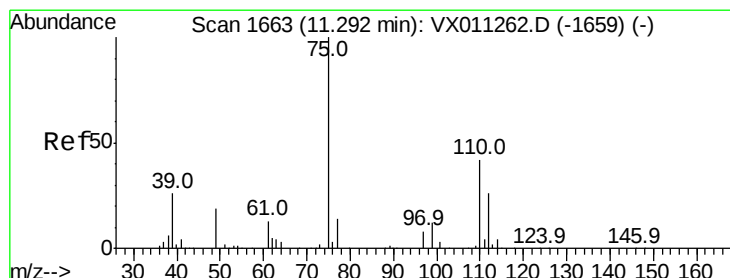
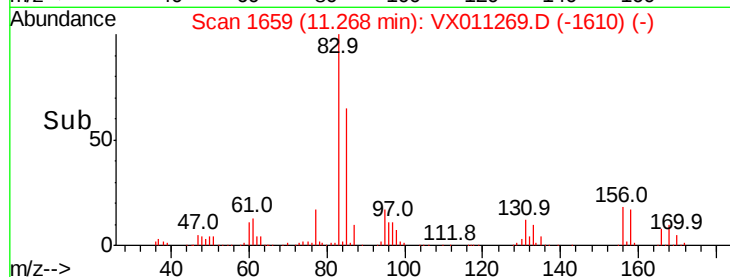
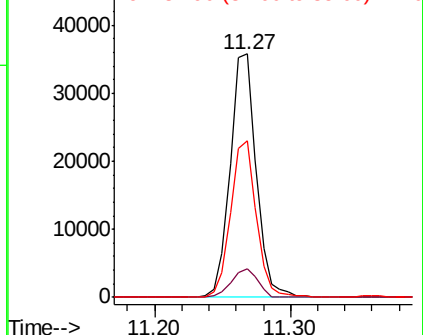
85 63.7 32.1 96.5

Manual Integrations  
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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.956 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011269.D

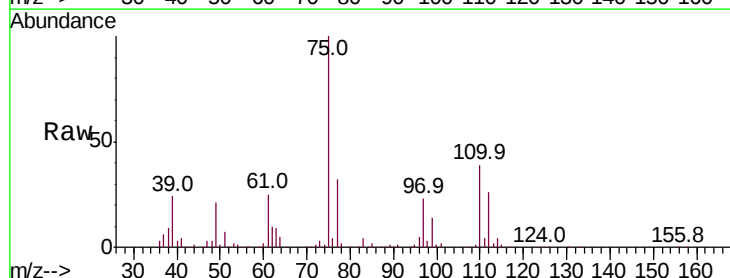
Acq: 01 Aug 2019 19:43

Tgt Ion: 75 Resp: 38247

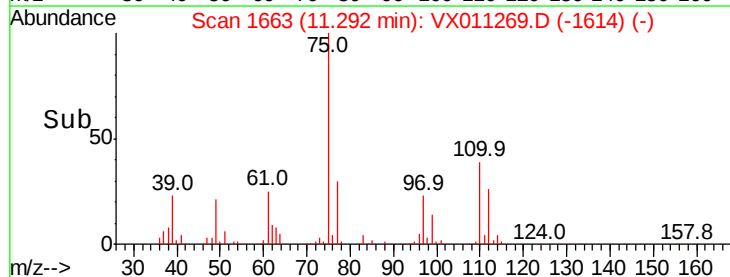
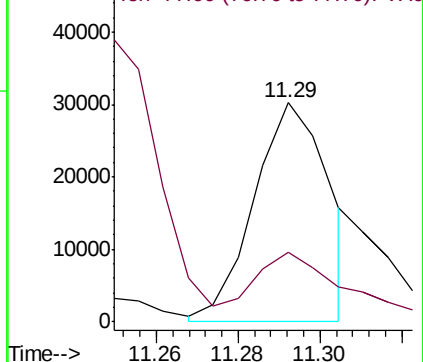
Ion Ratio Lower Upper

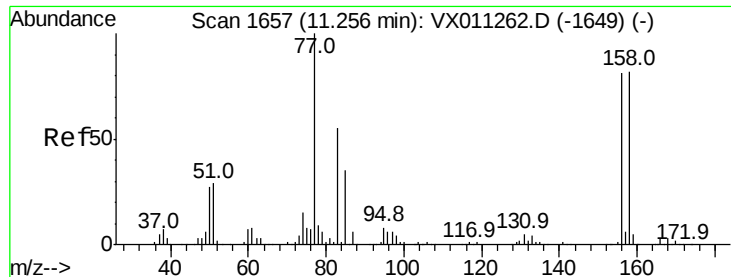
75 100

77 39.9 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.725 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion:156 Resp: 39345

Ion Ratio Lower Upper

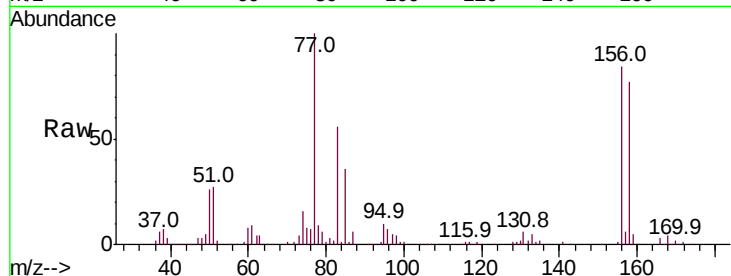
156 100

77 131.7 66.2 198.6

158 95.4 49.1 147.3

Manual Integrations  
APPROVED

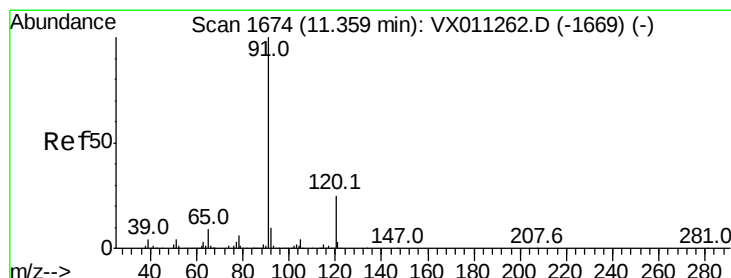
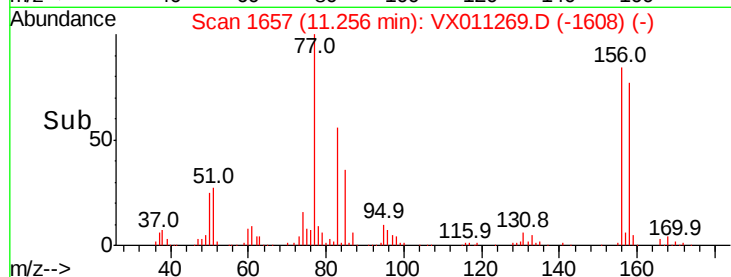
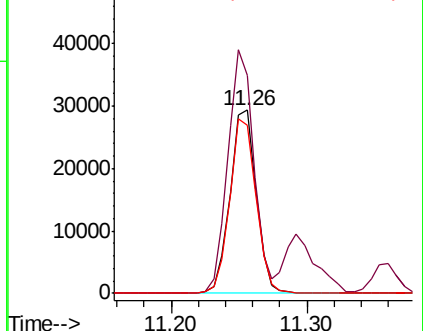
MMDadoda  
8/2/2019 9:05:07 AM



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: 18.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011269.D

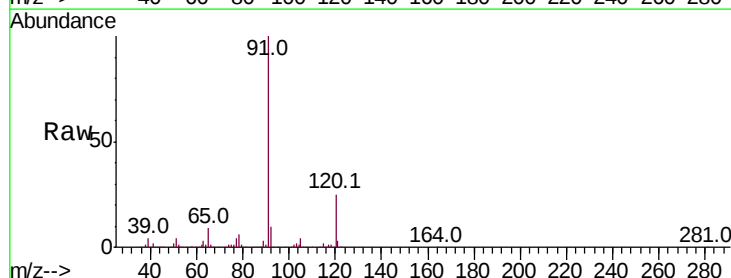
Acq: 01 Aug 2019 19:43

Tgt Ion: 91 Resp: 156694

Ion Ratio Lower Upper

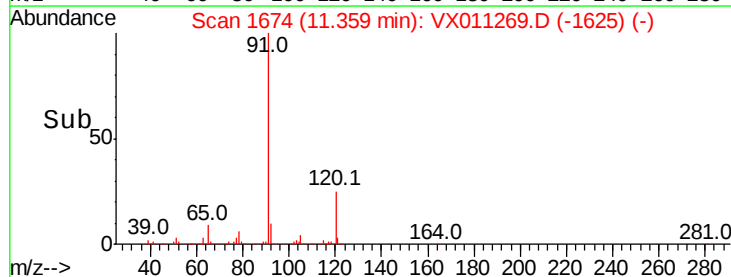
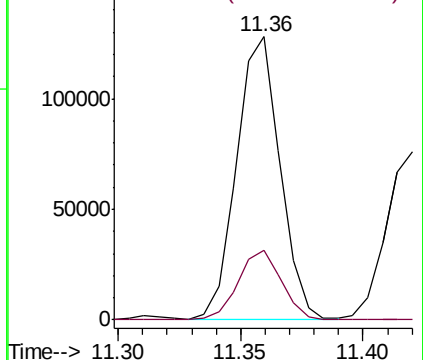
91 100

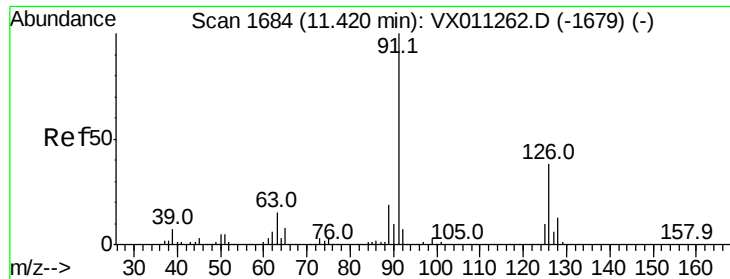
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





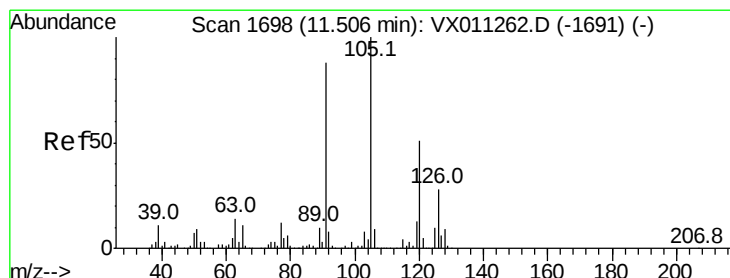
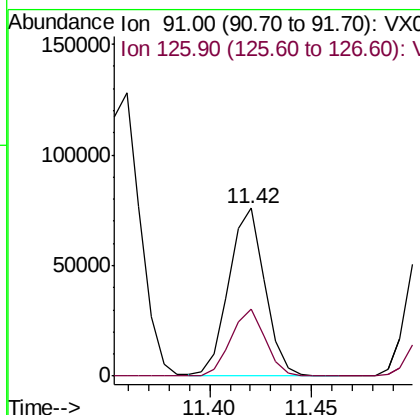
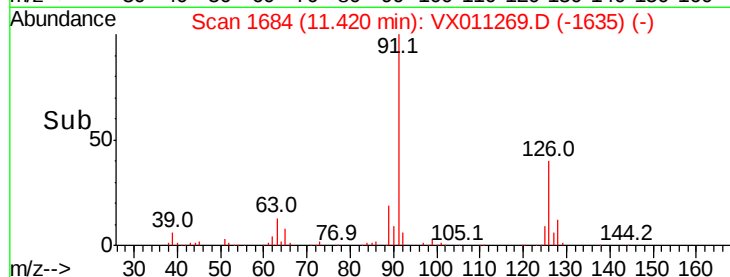
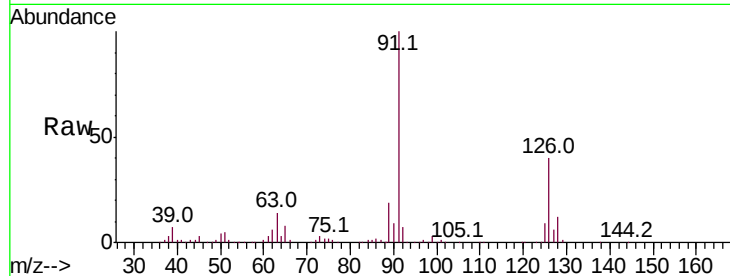
#79  
 2-Chlorotoluene  
 Concen: 18.342 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 38.6  | 18.5  | 55.5  |

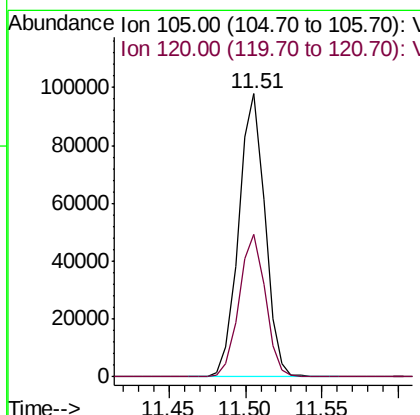
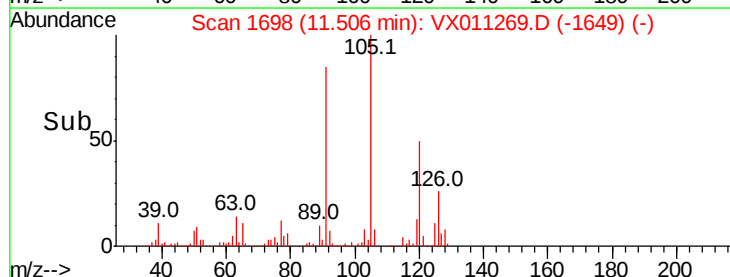
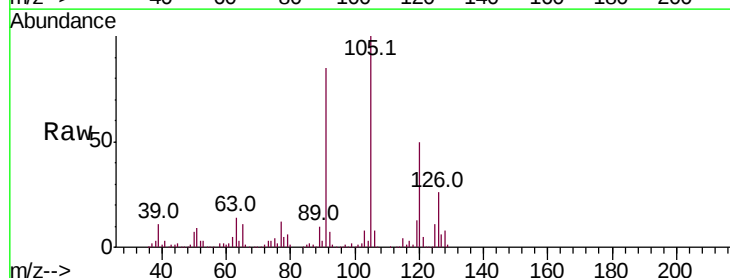
Manual Integrations  
 APPROVED

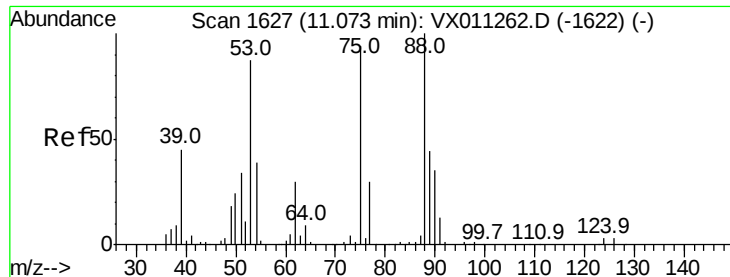
MMDadoda  
 8/2/2019 9:05:07 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.358 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 50.5  | 25.1  | 75.2  |





#81

trans-1,4-Dichloro-2-butene

Concen: 17.971 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampleId :

VX0801WBS01

Tot Ion: 75 Resp: 11169

Ion Ratio Lower Upper

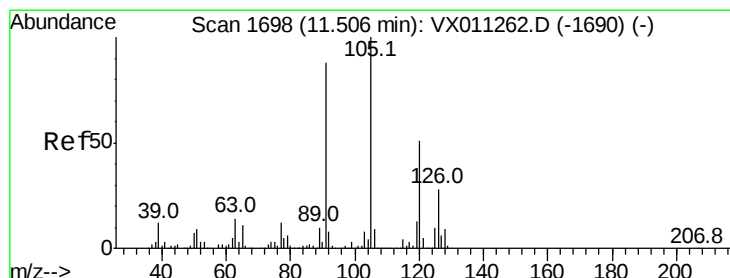
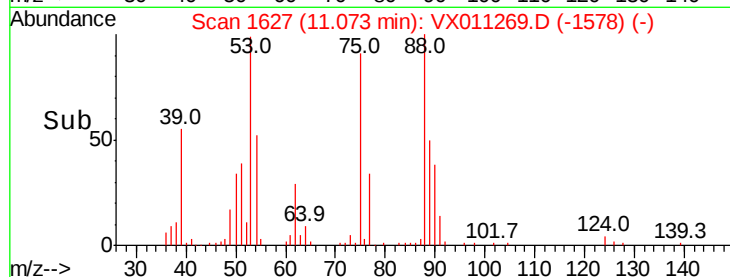
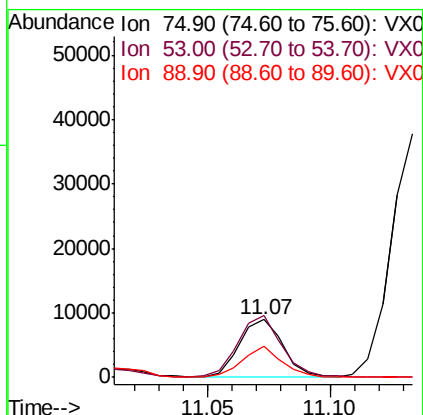
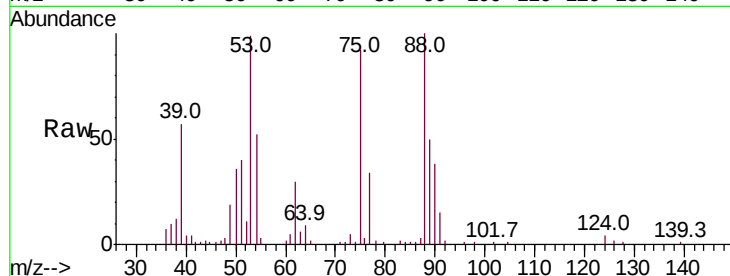
75 100

53 104.9 78.2 117.4

89 48.9 37.9 56.9

Manual Integrations  
APPROVED

MMDadoda  
8/2/2019 9:05:07 AM



#82

4-Chlorotoluene

Concen: 17.954 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011269.D

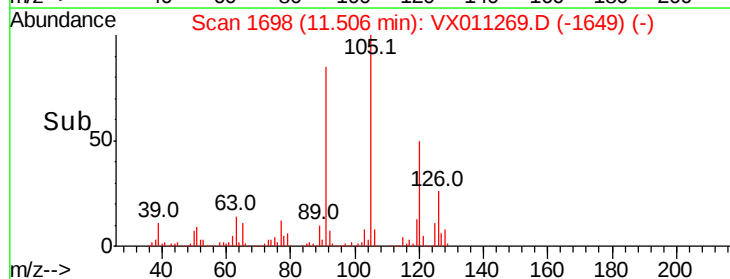
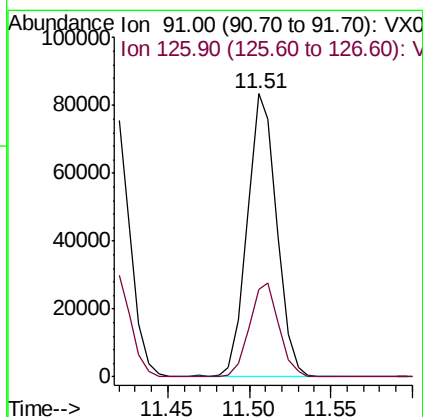
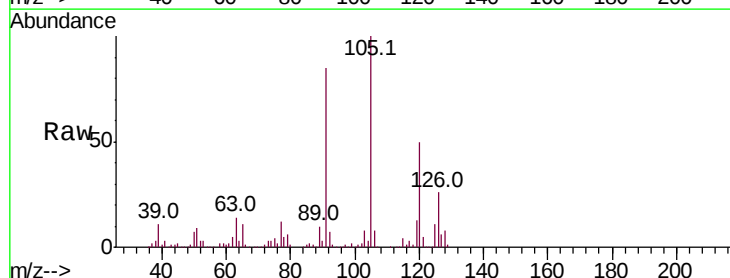
Acq: 01 Aug 2019 19:43

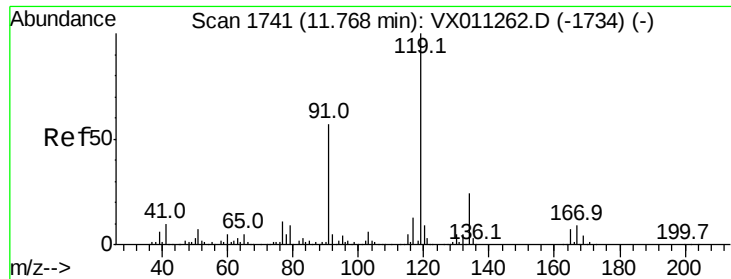
Tgt Ion: 91 Resp: 105094

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.2





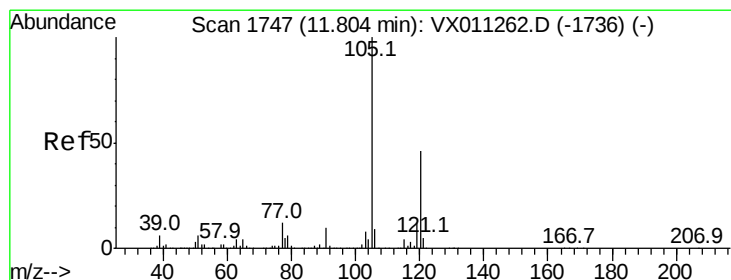
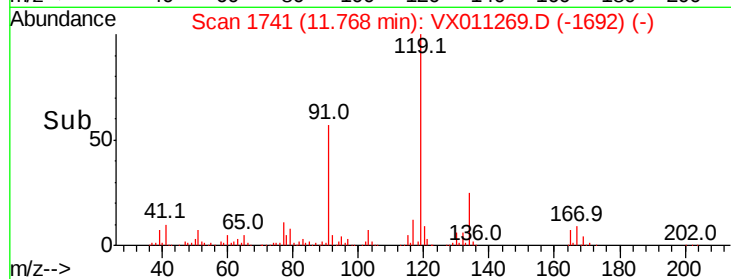
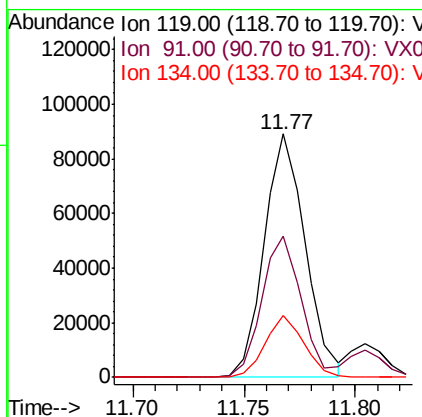
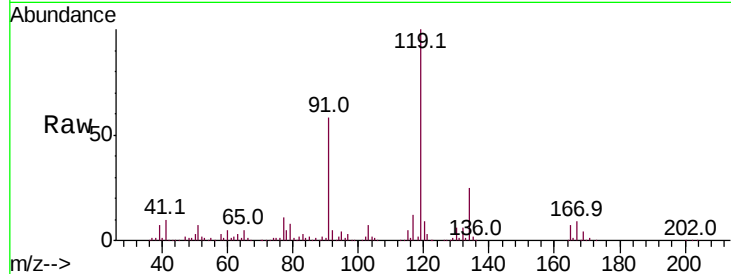
#83  
tert-Butylbenzene  
Concen: 18.289 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 119     | 100   |      |       |       |
| 91      | 56.2  | 28.0 | 84.0  |       |
| 134     | 24.2  | 11.9 | 35.5  |       |

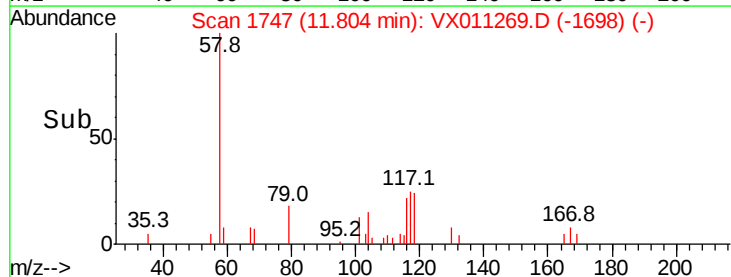
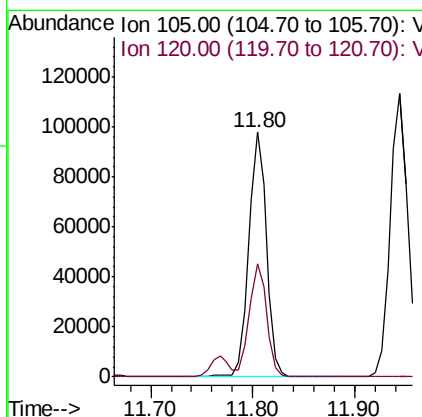
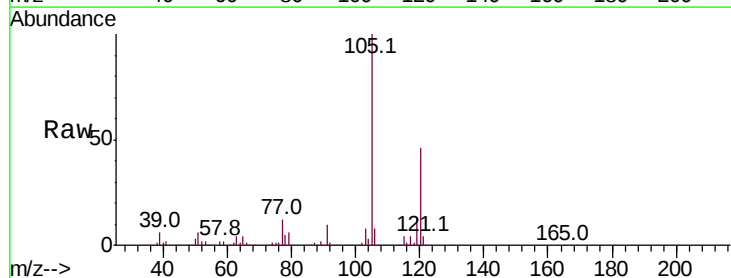
Manual Integrations  
APPROVED

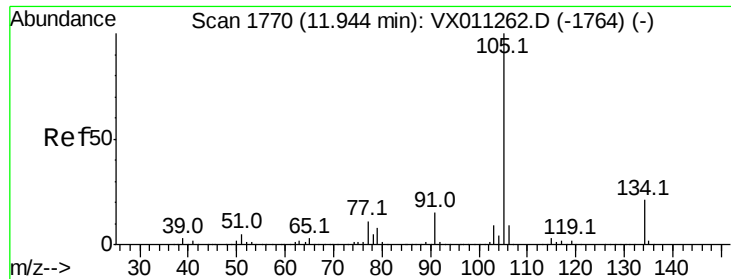
MMDadoda  
8/2/2019 9:05:07 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.786 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 120     | 46.0  | 23.0 | 69.0  |       |





#85

sec-Butylbenzene

Concen: 18.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion:105 Resp: 137264

Ion Ratio Lower Upper

105 100

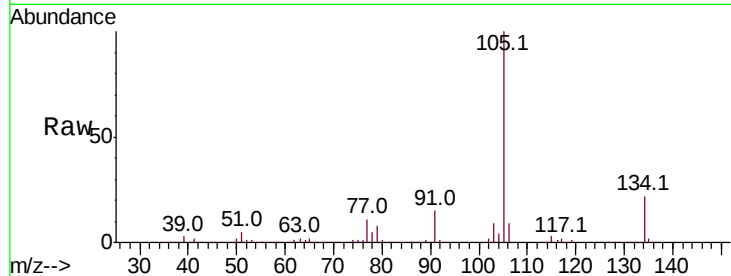
134 21.5 10.4 31.4

Manual Integrations

APPROVED

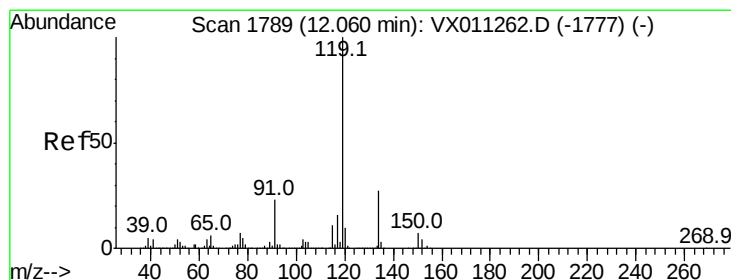
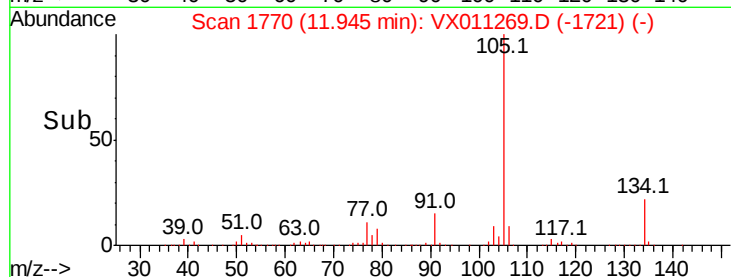
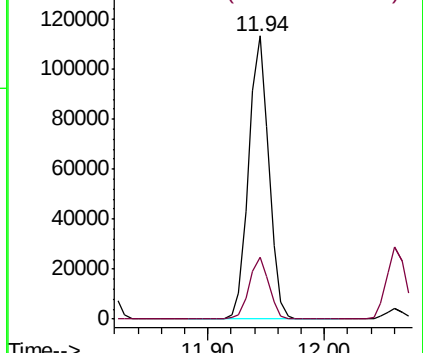
MMDadoda

8/2/2019 9:05:07 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.404 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

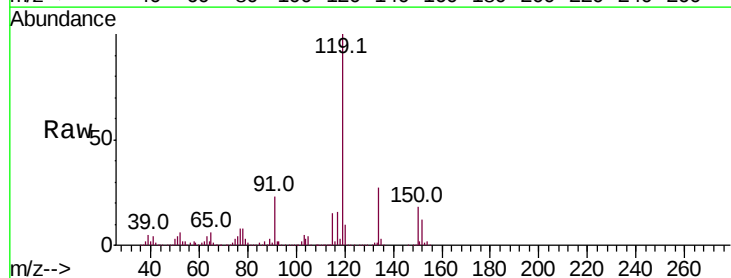
Tgt Ion:119 Resp: 126555

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

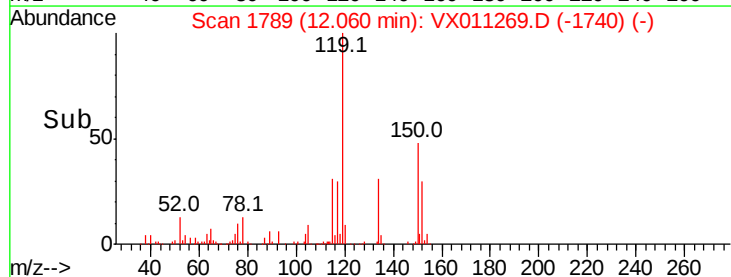
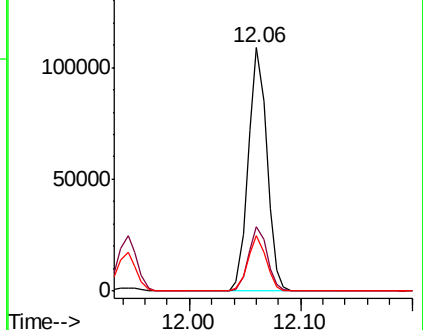
91 22.4 11.4 34.2

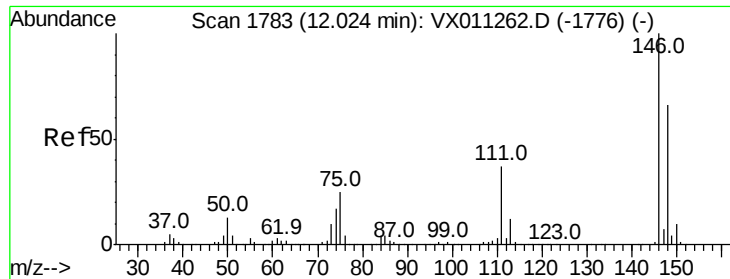


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





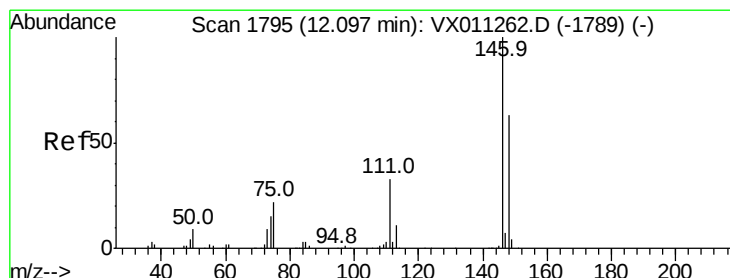
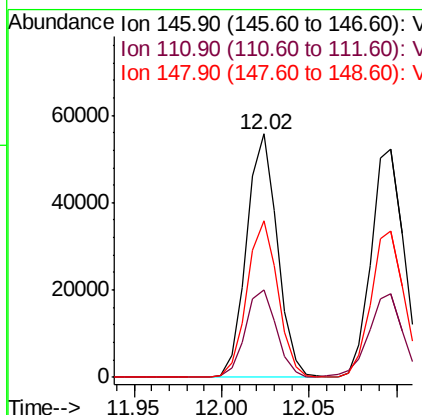
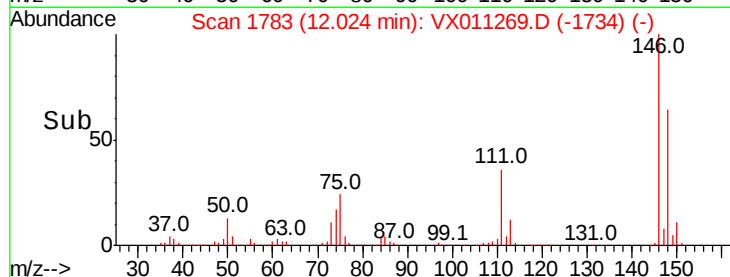
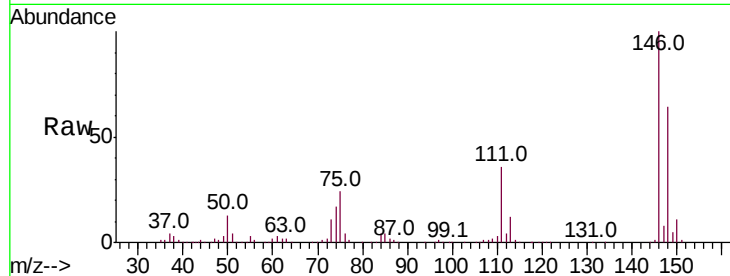
#87  
 1,3-Dichlorobenzene  
 Concen: 18.373 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.6  | 55.8  |
| 148     | 64.4  | 32.5  | 97.5  |

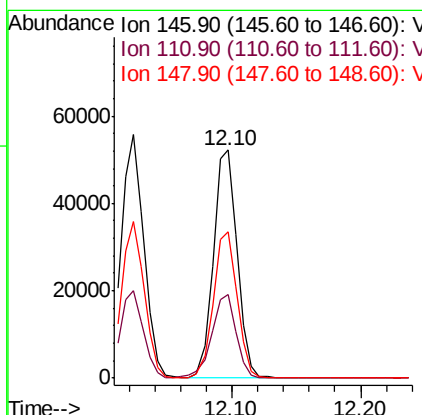
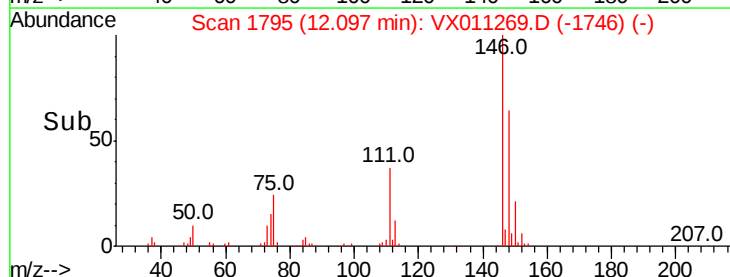
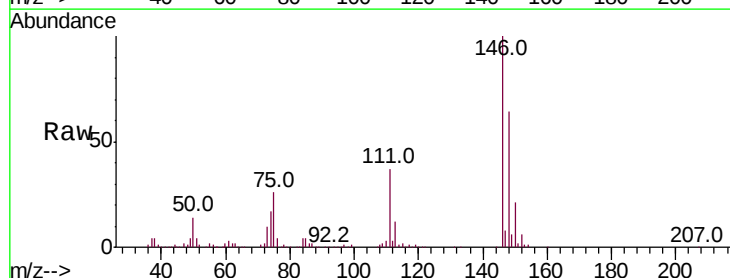
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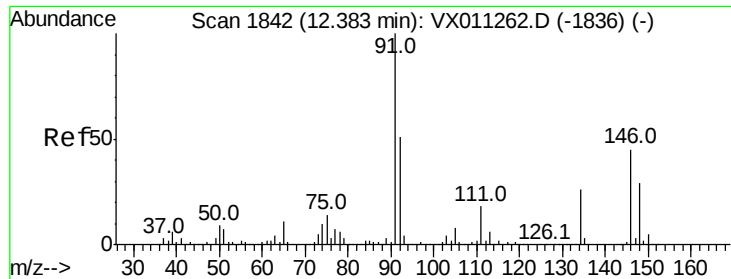
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 8/2/2019 9:05:07 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.717 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 17.8  | 53.4  |
| 148     | 64.5  | 31.8  | 95.3  |





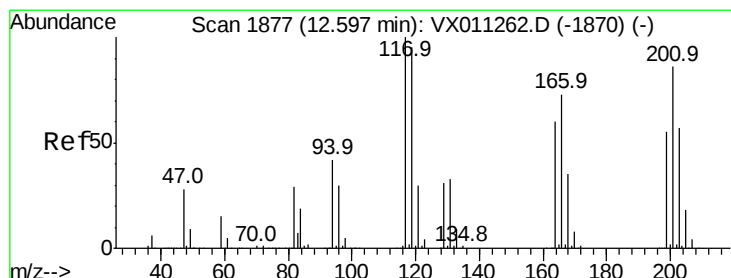
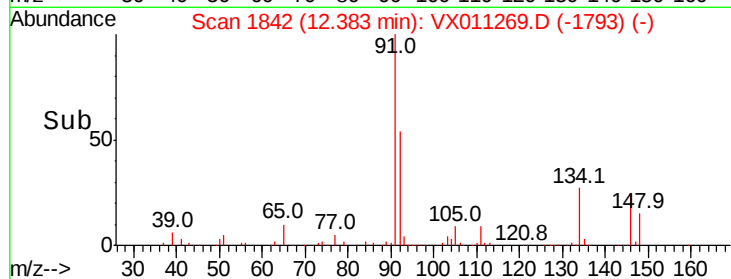
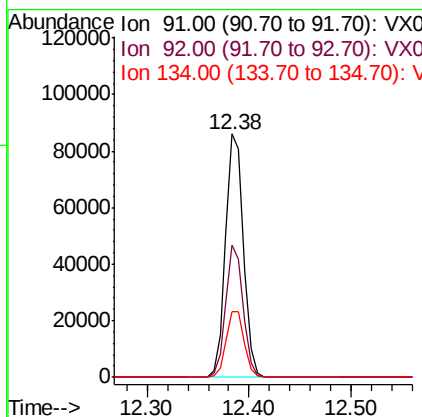
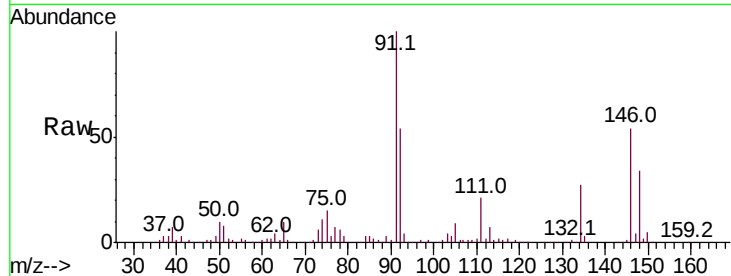
#89  
n-Butylbenzene  
Concen: 17.635 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0801WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 25.8  | 77.3  |
| 134     | 27.4  | 13.7  | 41.0  |

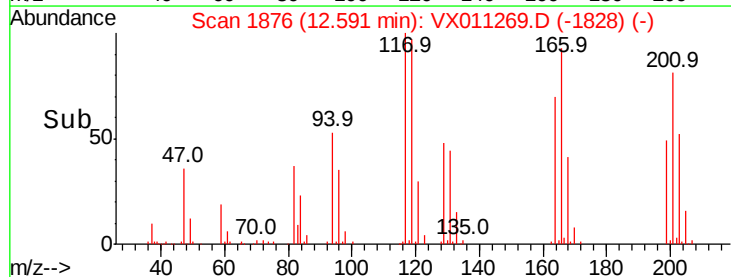
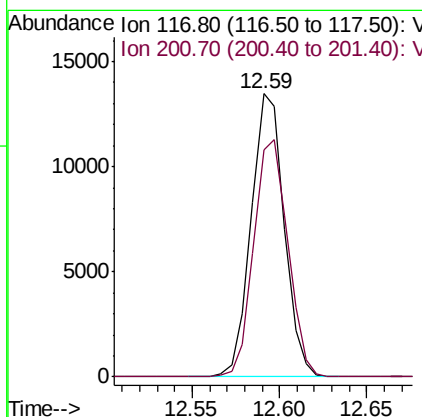
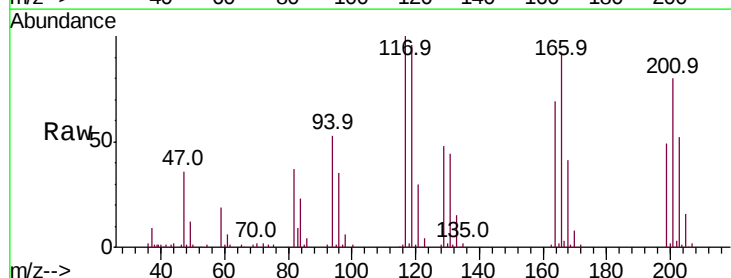
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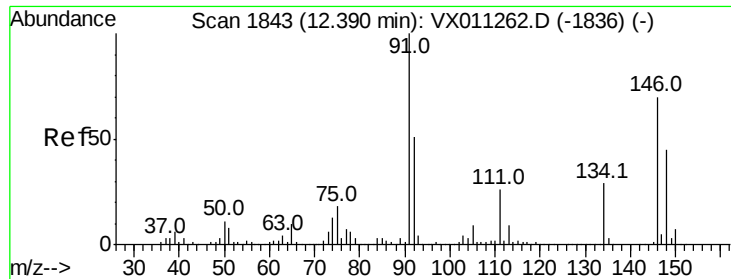
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#90  
Hexachloroethane  
Concen: 17.359 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX011269.D  
Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.6  | 41.8  | 125.4 |





#91

1,2-Dichlorobenzene

Concen: 18.628 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

ClientSampled :

VX0801WBS01

Tot Ion:146 Resp: 69489

Ion Ratio Lower Upper

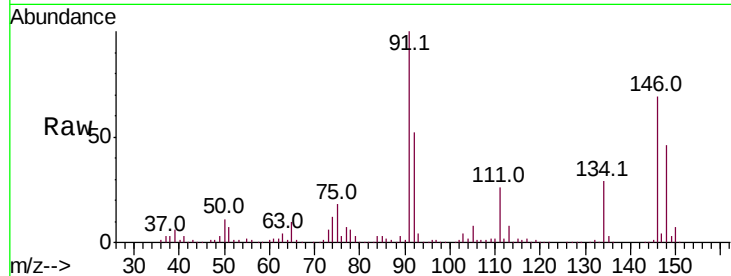
146 100

111 37.9 19.1 57.1

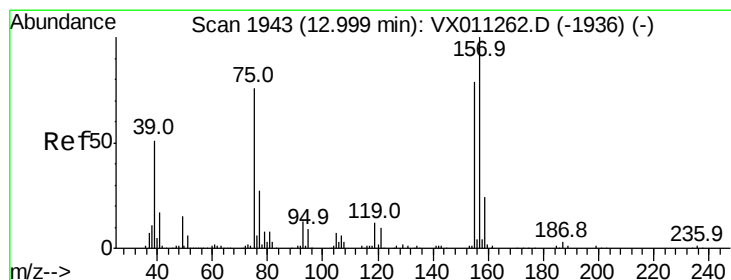
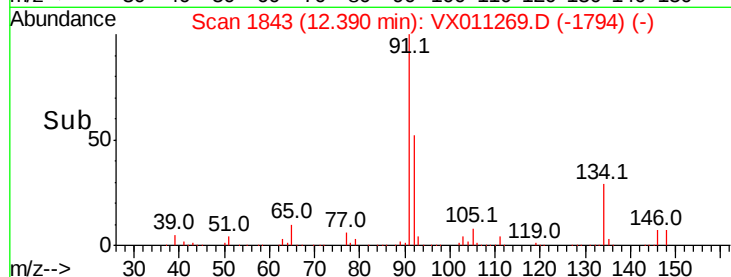
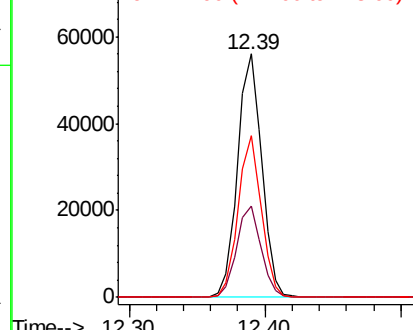
148 63.5 32.3 96.8

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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.208 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

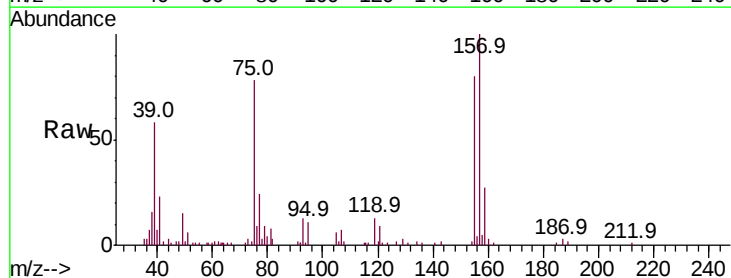
Tgt Ion: 75 Resp: 8908

Ion Ratio Lower Upper

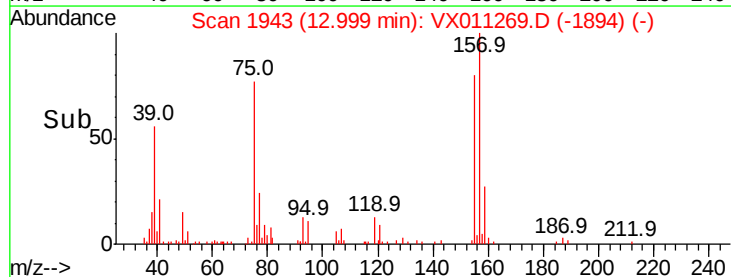
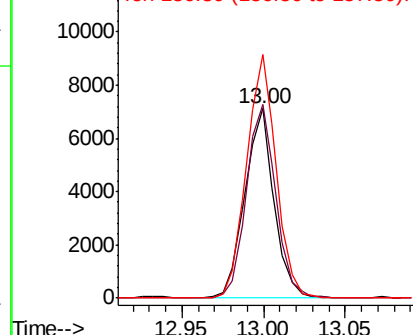
75 100

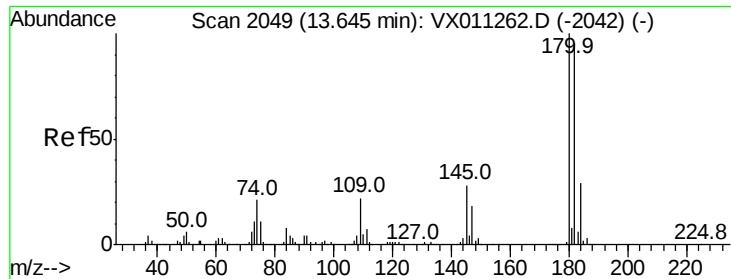
155 102.6 51.9 155.8

157 129.2 64.3 192.7



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V





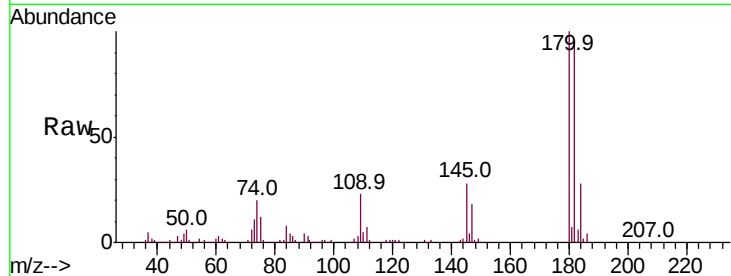
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.102 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0801WBS01

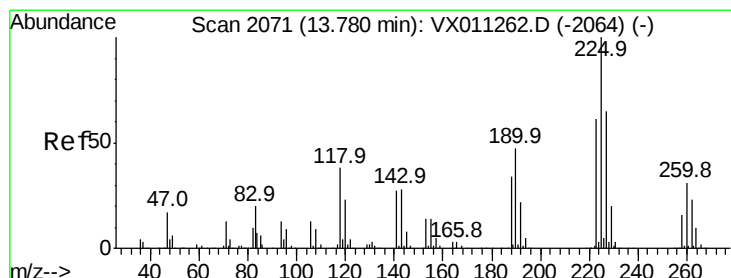
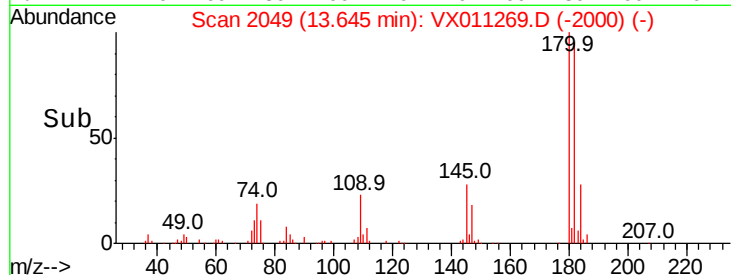
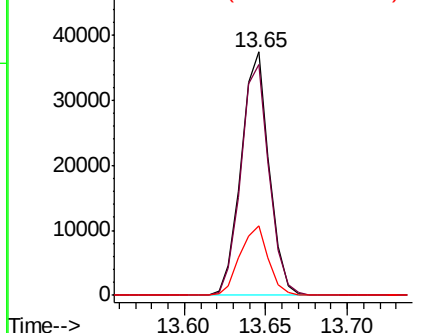
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 96.0  | 47.8 | 143.4 |       |
| 145     | 28.9  | 14.8 | 44.3  |       |

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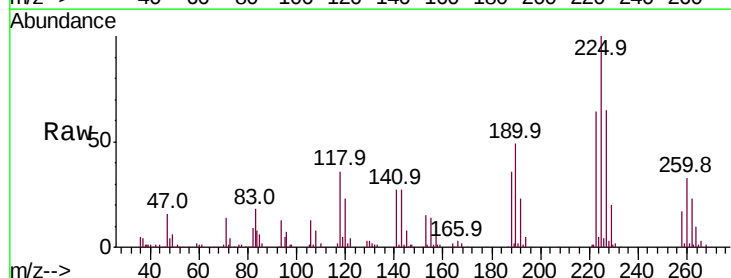


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

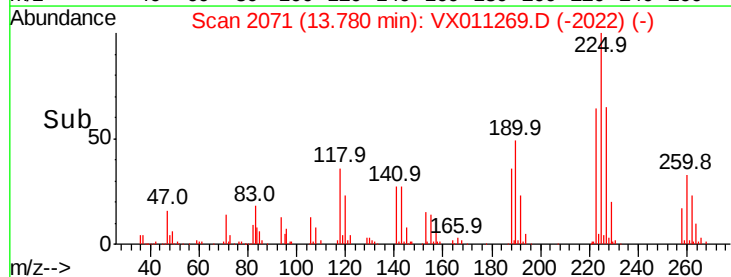
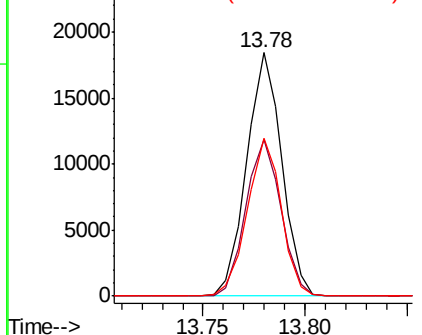


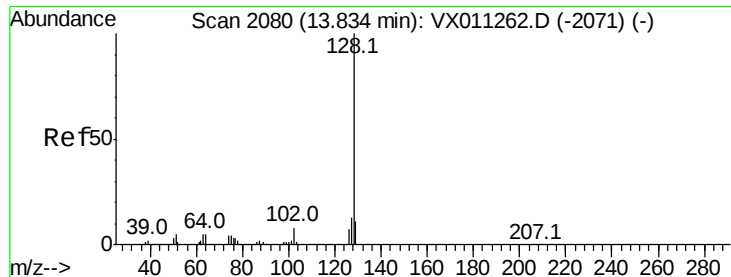
#94  
 Hexachlorobutadiene  
 Concen: 17.562 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX011269.D  
 Acq: 01 Aug 2019 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.5  | 31.0 | 93.0  |       |
| 227     | 62.8  | 32.2 | 96.6  |       |



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





#95

Naphthalene

Concen: 18.654 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA\_X

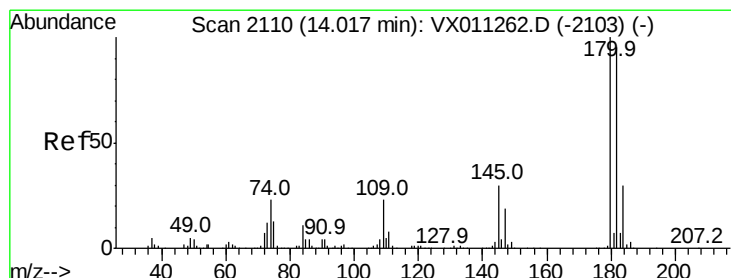
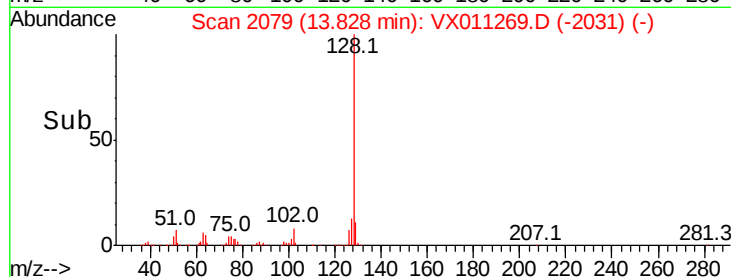
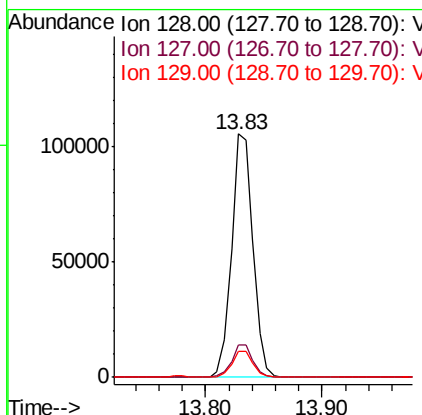
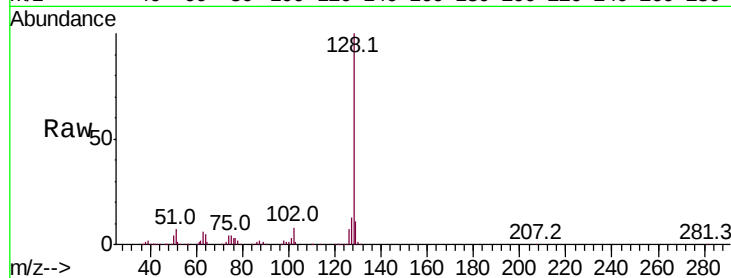
ClientSampled :

VX0801WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 134958 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.4  | 15.6   |
| 129       | 10.8  | 8.9   | 13.3   |

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#96

1,2,3-Trichlorobenzene

Concen: 18.362 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 46182 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.7  | 47.4  | 142.3 |
| 145       | 31.3  | 15.2  | 45.6  |

