

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\  
 Data File : VX011405.D  
 Acq On : 09 Aug 2019 13:22  
 Operator : JC/SP  
 Sample : VX0809WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 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  | 169339   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 249645   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 228510   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 119297   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 95683    | 56.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.22% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 81259    | 49.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.72%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 305105   | 49.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.18%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 112313   | 51.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.26% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 23784  | 18.185  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 24913  | 16.963  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 27856  | 17.242  | ug/l | 95     |
| 5) Bromomethane               | 1.63 | 94  | 21627  | 18.770  | ug/l | 97     |
| 6) Chloroethane               | 1.71 | 64  | 19162  | 17.454  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 50138  | 17.454  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 17848  | 17.401  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 28170  | 18.124  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 33395  | 17.042  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 35417  | 104.164 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 27105  | 17.592  | ug/l | 89     |
| 13) Acrolein                  | 2.29 | 56  | 19621  | 92.579  | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 42189  | 20.540  | ug/l | 97     |
| 15) Acrylonitrile             | 3.14 | 53  | 82911  | 102.171 | ug/l | 98     |
| 16) Acetone                   | 2.43 | 43  | 78290  | 96.451  | ug/l | 95     |
| 17) Carbon Disulfide          | 2.56 | 76  | 62407  | 17.261  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 38479  | 20.744  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 90946  | 20.030  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 31400  | 17.664  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 29376  | 18.024  | ug/l | 89     |
| 22) Diisopropyl ether         | 3.85 | 45  | 88398  | 19.582  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.81 | 43  | 383874 | 102.525 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 52072  | 19.562  | ug/l | 98     |
| 25) 2-Butanone                | 4.66 | 43  | 115377 | 99.924  | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 41950  | 20.273  | ug/l | 96     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 34081  | 18.155  | ug/l | 94     |
| 28) Bromochloromethane        | 5.01 | 49  | 23526  | 19.386  | ug/l | 93     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 71530  | 101.035 | ug/l | 97     |
| 30) Chloroform                | 5.21 | 83  | 56822  | 19.640  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 39974  | 18.202  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 49126  | 19.822  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 39458  | 18.103  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 42314  | 19.354  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 42211  | 19.249  | ug/l | 95     |

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 Sample : VX0809WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0809WBS02

Manual Integrations  
 APPROVED

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 8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 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   | 42819    | 16.573  | ug/l  | 99       |
| 40) Benzene                    | 6.14  | 78   | 121050   | 18.611  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 23314    | 19.526  | ug/l  | 95       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 45543    | 20.707  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 66595    | 19.052  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 35037    | 17.797  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 30768    | 18.266  | ug/l  | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 22592    | 18.372  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 40977    | 19.682  | ug/l  | 96       |
| 48) Methyl methacrylate        | 7.76  | 41   | 32351    | 19.666  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 17241    | 361.521 | ug/l  | 93       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 226225   | 100.285 | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 79254    | 18.430  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 41927    | 19.149  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 46919    | 19.292  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 33379    | 18.878  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 48228    | 19.141  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 53378    | 19.089  | ug/l  | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 117666   | 94.976  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 178657   | 102.248 | ug/l  | 98       |
| 60) Dibromochloromethane       | 9.58  | 129  | 34132    | 18.855  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 36020    | 18.856  | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 34980    | 18.025  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 89584    | 18.284  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 33034    | 19.694  | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 154122   | 18.783  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 118211   | 37.245  | ug/l  | 97       |
| 69) o-Xylene                   | 10.69 | 106  | 57181    | 18.336  | ug/l  | 97       |
| 70) Styrene                    | 10.71 | 104  | 97250    | 18.847  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 24961    | 18.535  | ug/l  | 97       |
| 73) Isopropylbenzene           | 11.02 | 105  | 155788   | 19.094  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 59311    | 20.118  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 53340    | 19.617  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 44431m   | 20.451  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 42568    | 18.815  | ug/l  | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 173082   | 19.076  | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 104086   | 19.247  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 129057   | 18.896  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 13125    | 19.199  | ug/l  | 88       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 120706   | 19.152  | ug/l  | 97       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 127062   | 18.968  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 132985   | 19.556  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 150332   | 18.679  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 138224   | 18.669  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 74320    | 18.591  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 76047    | 18.448  | ug/l  | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 116366   | 18.242  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 20491    | 18.719  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 75841    | 18.882  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 10952    | 20.790  | ug/l  | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\  
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Operator : JC/SP  
Sample : VX0809WBS02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

Manual Integrations  
APPROVED

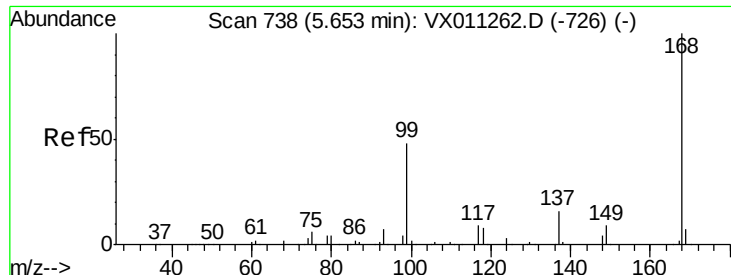
MMDadoda  
8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 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  | 49931    | 18.744 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 24524    | 18.146 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 153357   | 19.687 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 50928    | 18.806 | ug/l  | 100      |

(#) = 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: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion:168 Resp: 169339

Ion Ratio Lower Upper

168 100

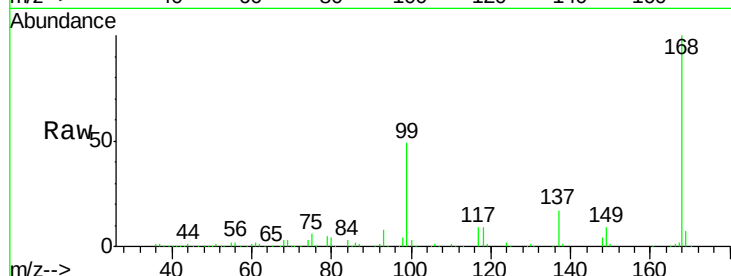
99 48.8 38.5 57.7

Manual Integrations

APPROVED

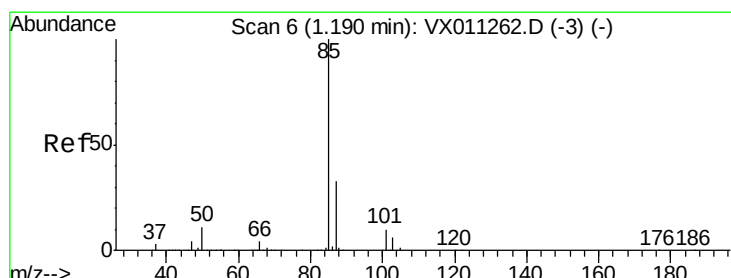
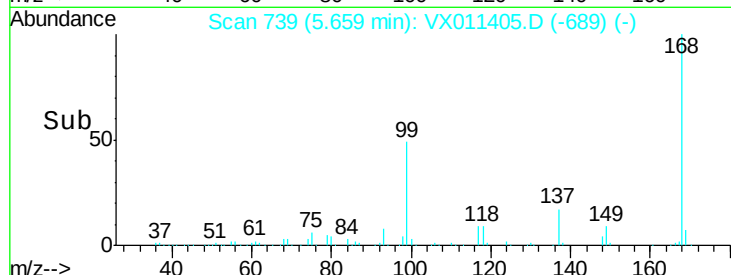
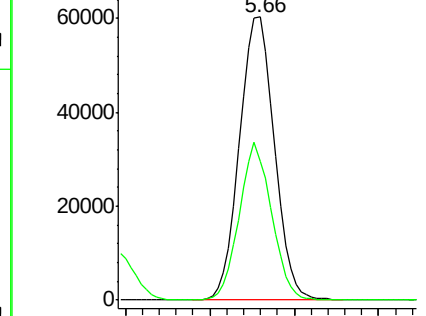
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.185 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011405.D

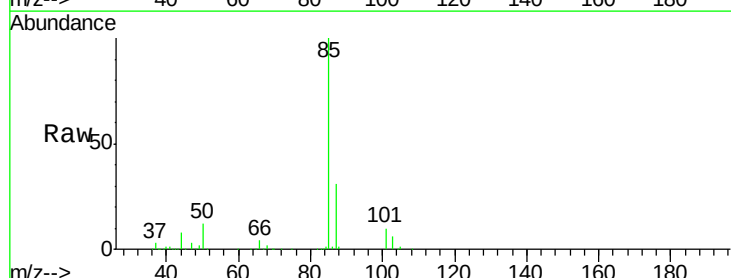
Acq: 09 Aug 2019 13:22

Tgt Ion: 85 Resp: 23784

Ion Ratio Lower Upper

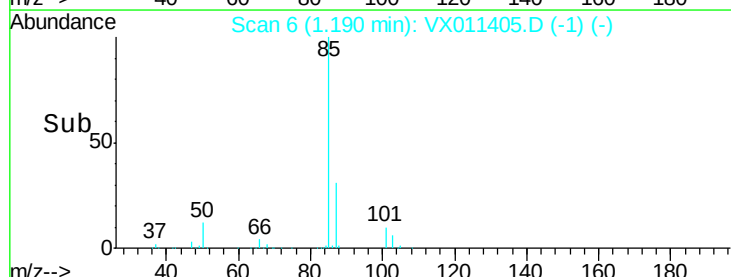
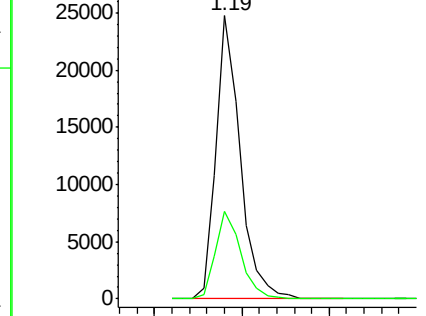
85 100

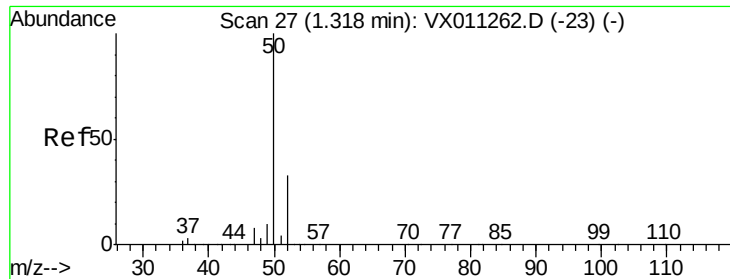
87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.963 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion: 50 Resp: 24913

Ion Ratio Lower Upper

50 100

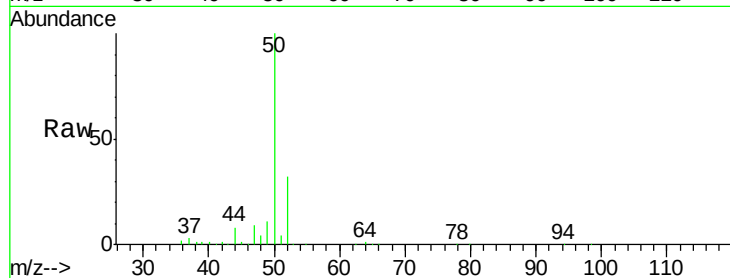
52 32.6 26.4 39.6

Manual Integrations

APPROVED

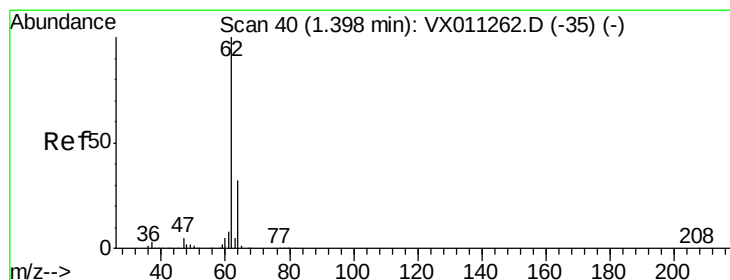
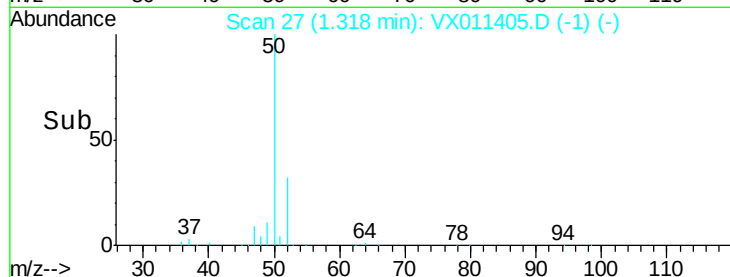
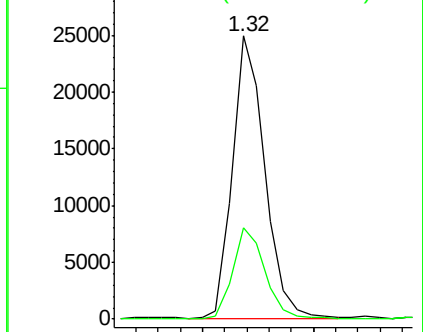
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.242 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011405.D

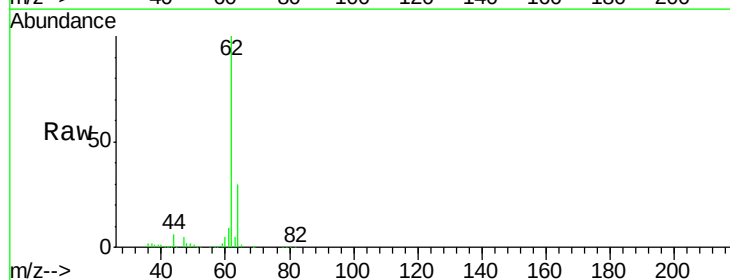
Acq: 09 Aug 2019 13:22

Tgt Ion: 62 Resp: 27856

Ion Ratio Lower Upper

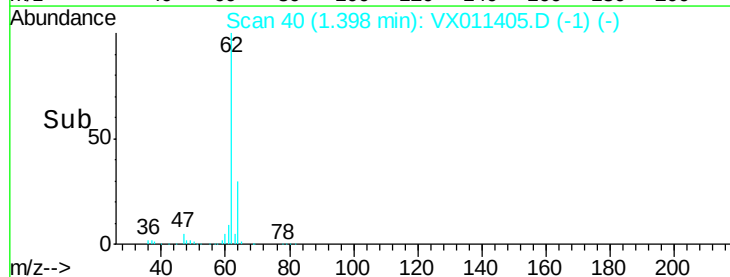
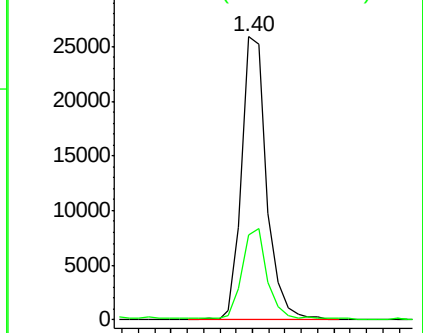
62 100

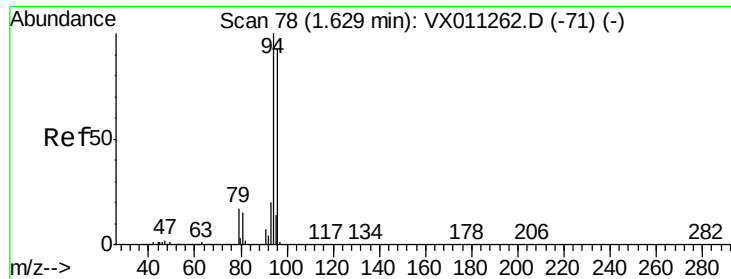
64 29.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.770 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion: 94 Resp: 21627

Ion Ratio Lower Upper

94 100

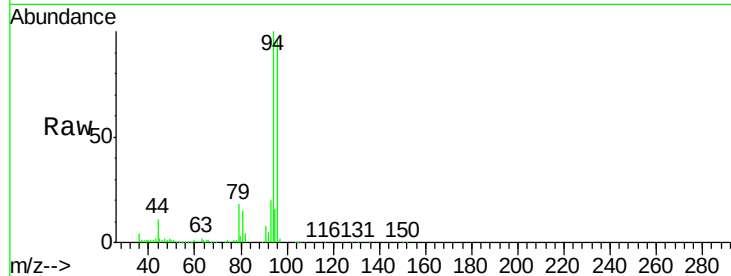
96 96.2 74.6 112.0

Manual Integrations

APPROVED

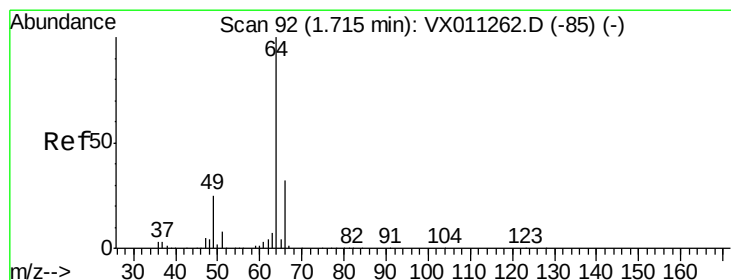
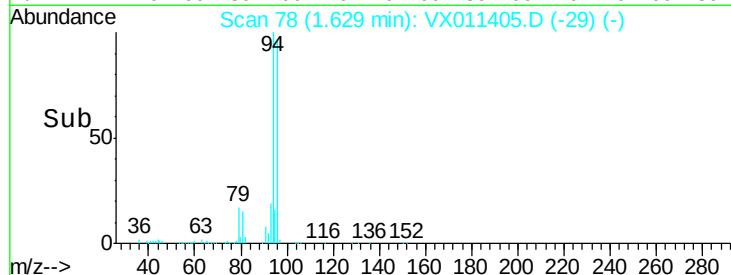
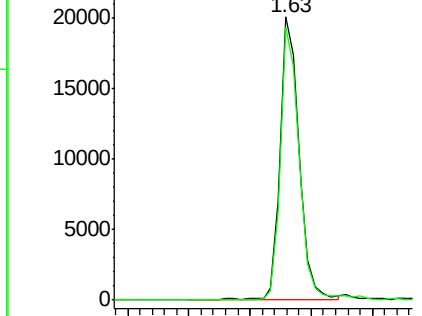
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.454 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011405.D

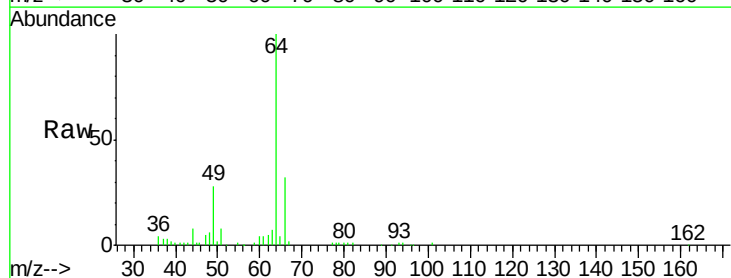
Acq: 09 Aug 2019 13:22

Tgt Ion: 64 Resp: 19162

Ion Ratio Lower Upper

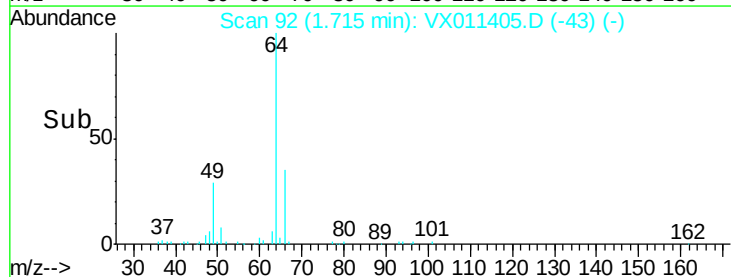
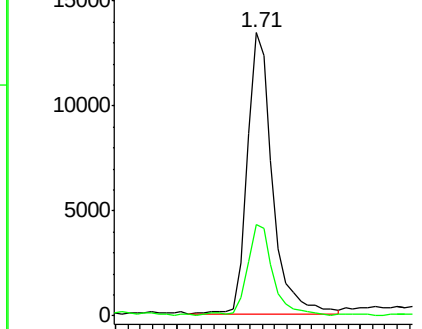
64 100

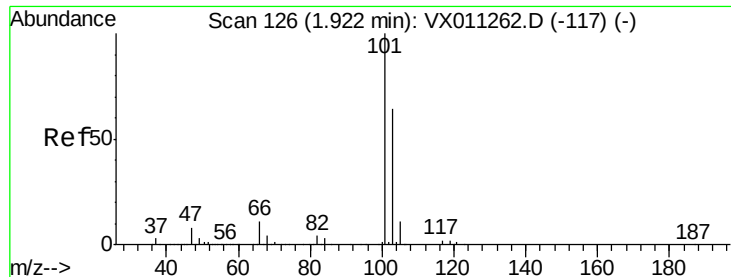
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

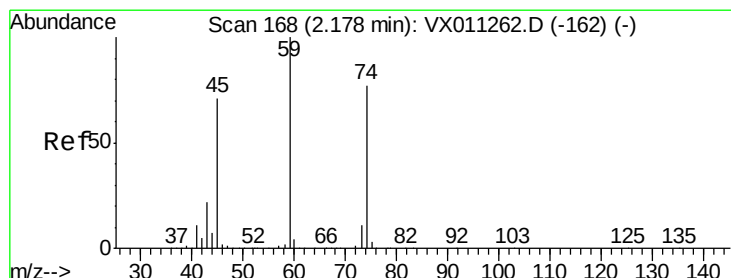
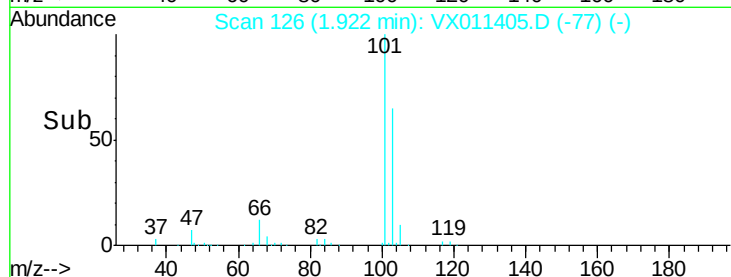
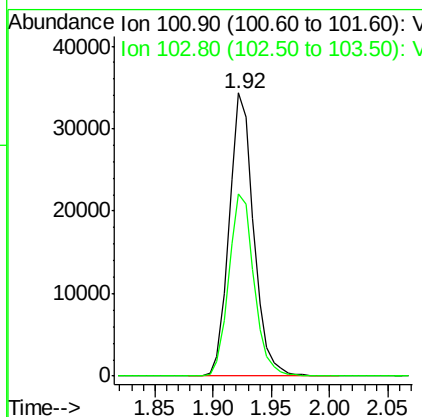
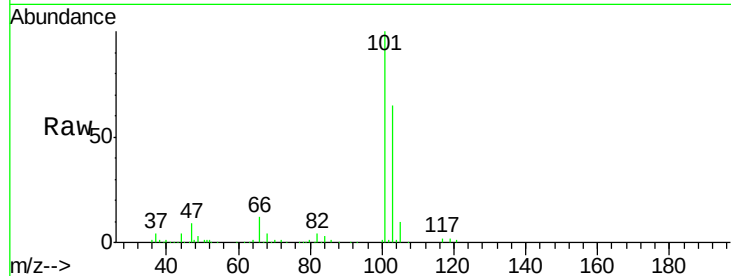
Trichlorofluoromethane  
Concen: 17.454 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

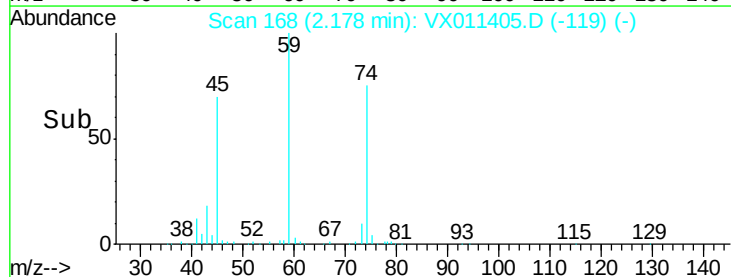
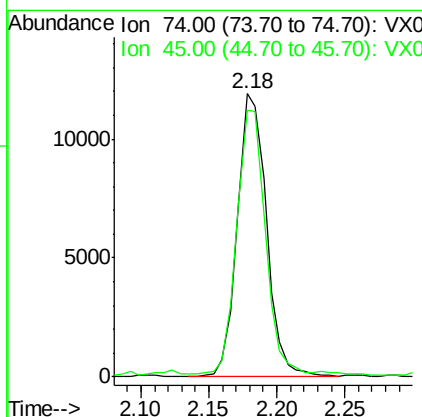
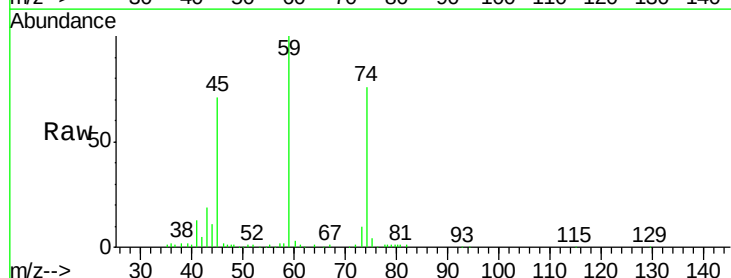
MMDadoda  
8/12/2019 12:50:08 PM



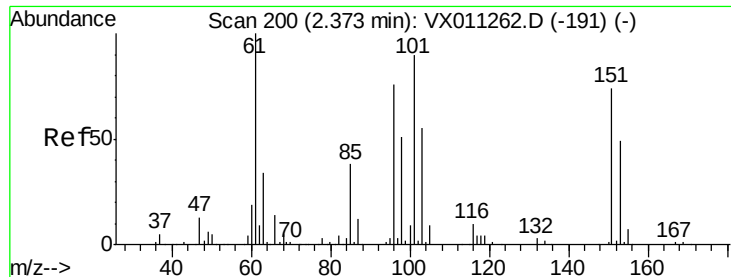
#8

Diethyl Ether  
Concen: 17.401 ug/l  
RT: 2.18 min Scan# 168  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 91.2  | 46.1  | 138.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.124 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

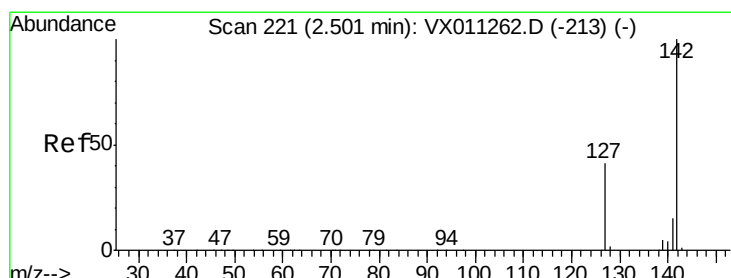
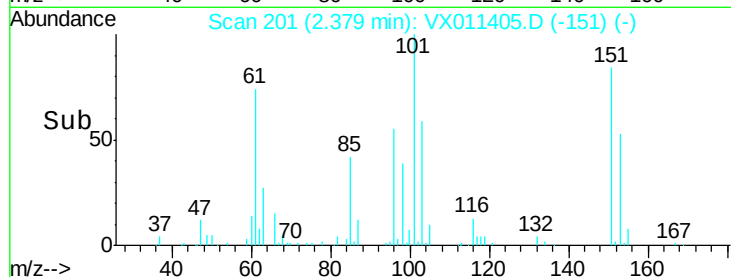
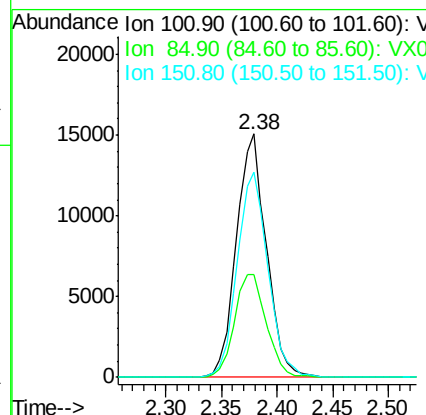
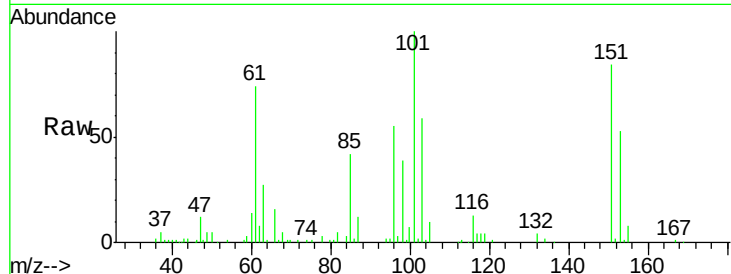
ClientSampleId :

VX0809WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 28170 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.7  | 33.8  | 50.6  |
| 151       | 86.3  | 69.5  | 104.3 |

Manual Integrations  
APPROVED

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#10

Methyl Iodide

Concen: 17.042 ug/l

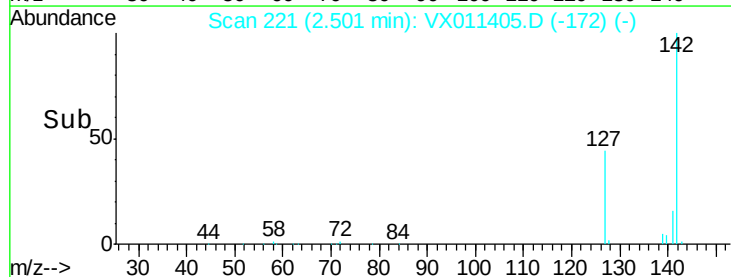
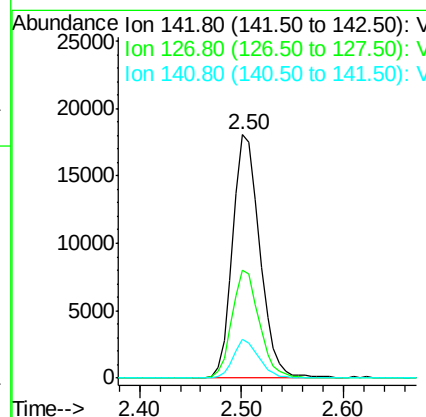
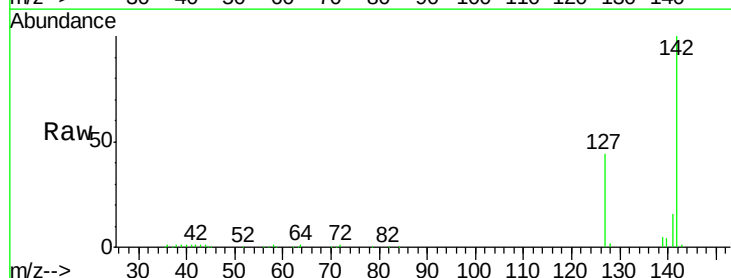
RT: 2.50 min Scan# 221

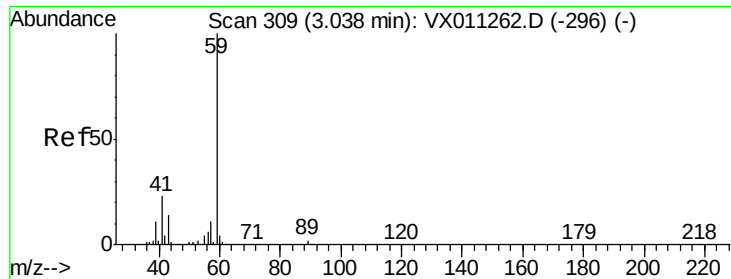
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 33395 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.1  | 33.8  | 50.8  |
| 141       | 14.9  | 11.4  | 17.2  |





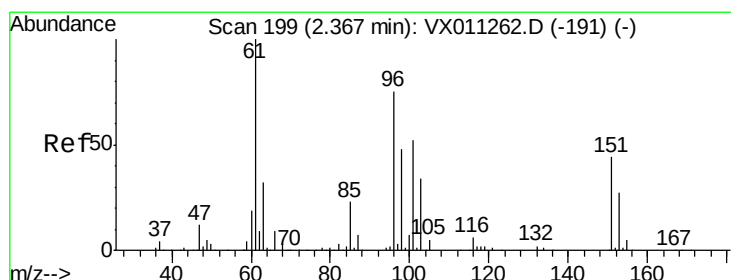
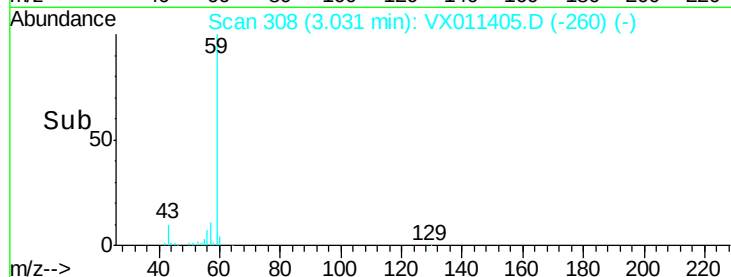
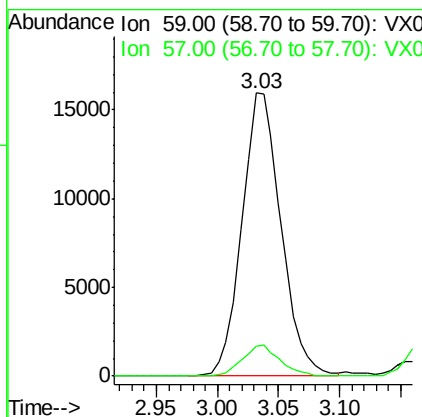
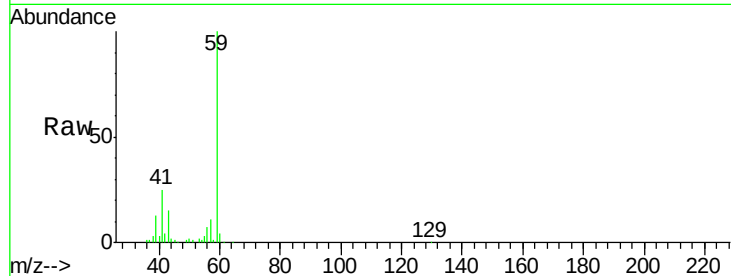
#11  
Tert butyl alcohol  
Concen: 104.164 ug/l  
RT: 3.03 min Scan# 308  
Delta R.T. -0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

Tot Ion: 59 Resp: 35417  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.3 12.5

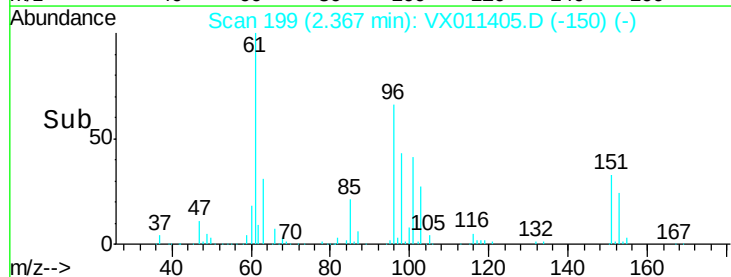
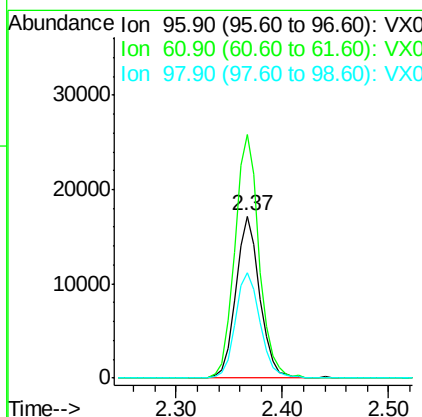
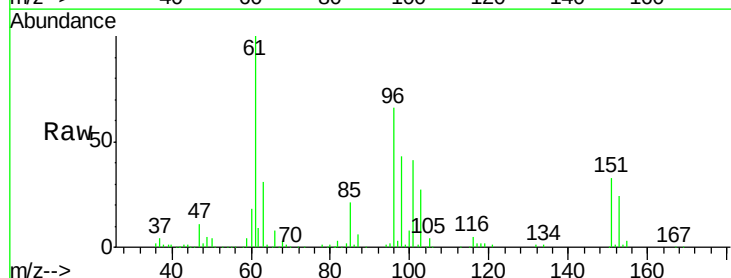
Manual Integrations  
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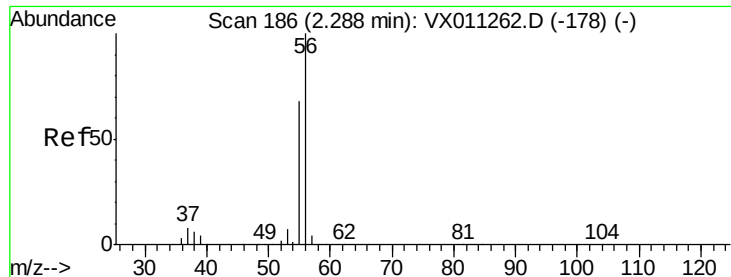
MMDadoda  
8/12/2019 12:50:08 PM



#12  
1,1-Dichloroethene  
Concen: 17.592 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Tgt Ion: 96 Resp: 27105  
Ion Ratio Lower Upper  
96 100  
61 150.4 106.2 159.2  
98 65.0 50.6 75.8





#13

Acrolein

Concen: 92.579 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampled :

VX0809WBS02

Tot Ion: 56 Resp: 19621

Ion Ratio Lower Upper

56 100

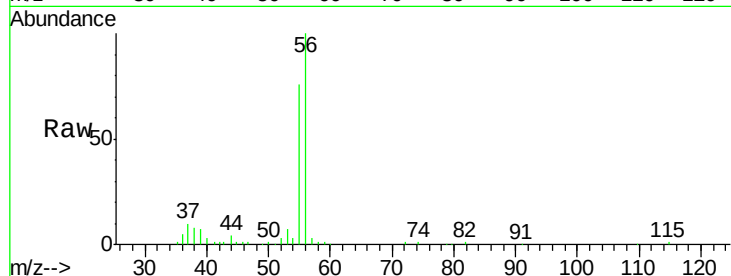
55 70.6 56.0 84.0

Manual Integrations

APPROVED

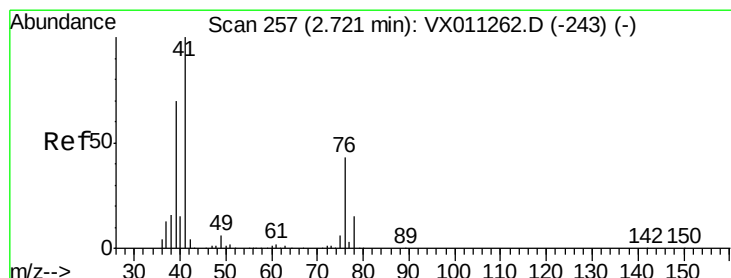
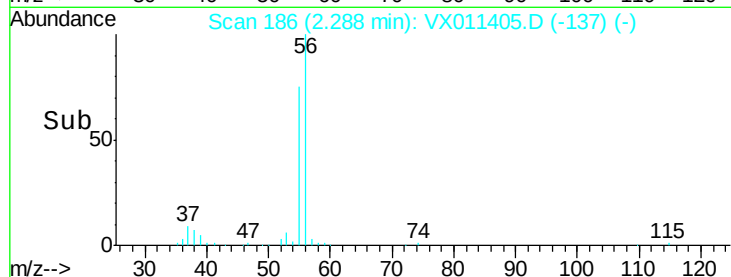
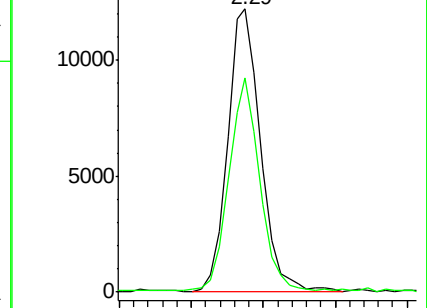
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.540 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

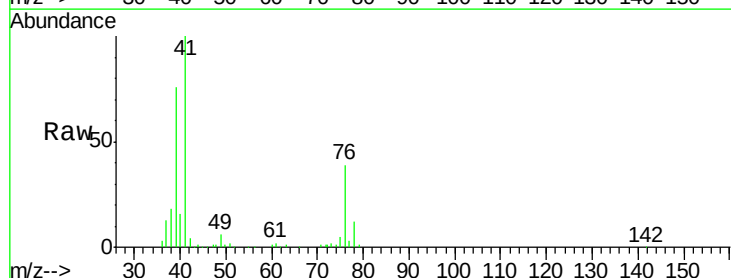
Tgt Ion: 41 Resp: 42189

Ion Ratio Lower Upper

41 100

39 66.8 52.8 79.2

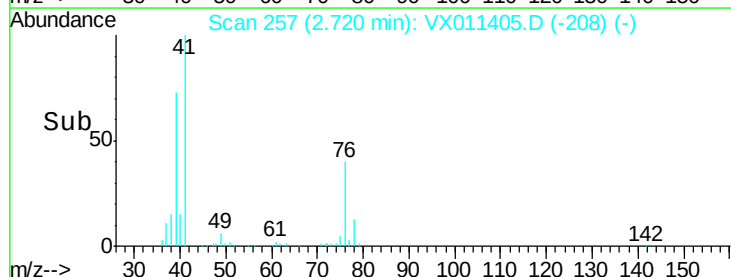
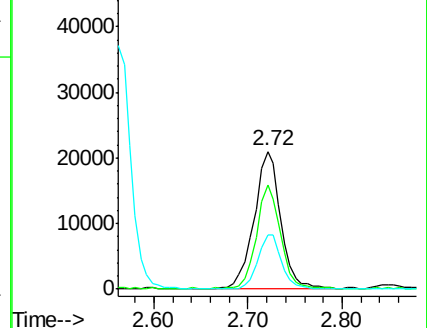
76 35.4 31.1 46.7

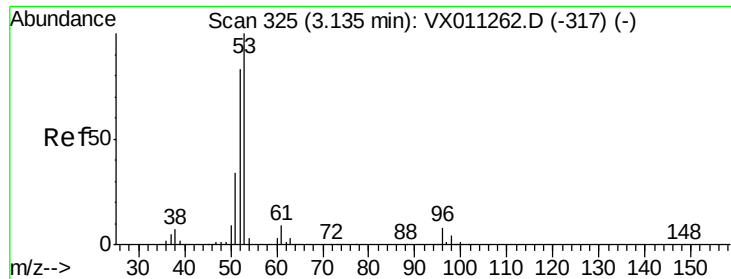


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.171 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

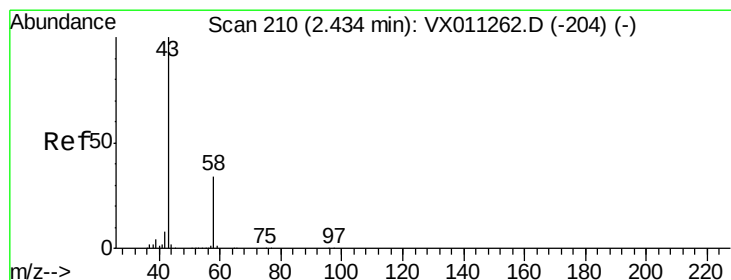
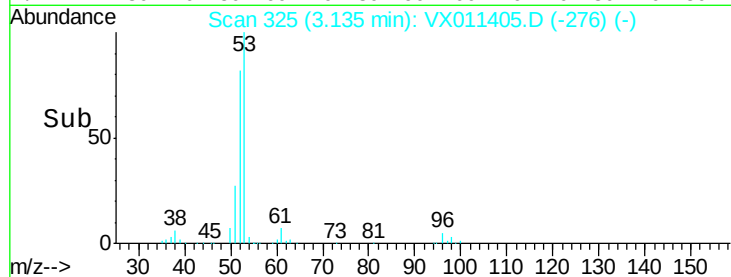
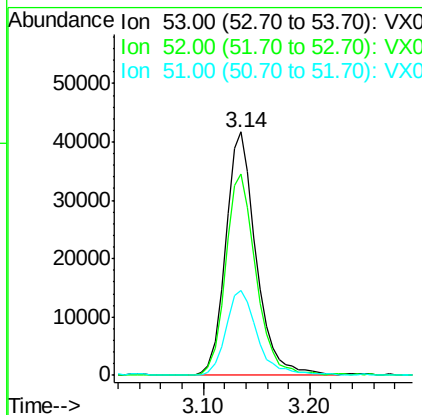
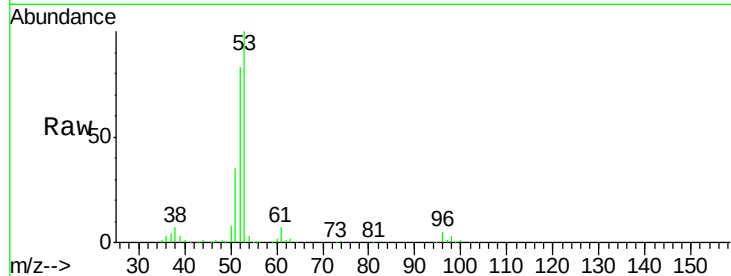
ClientSampleId :

VX0809WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 82911 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.3  | 65.5  | 98.3  |
| 51        | 36.5  | 27.9  | 41.9  |

Manual Integrations  
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#16

Acetone

Concen: 96.451 ug/l

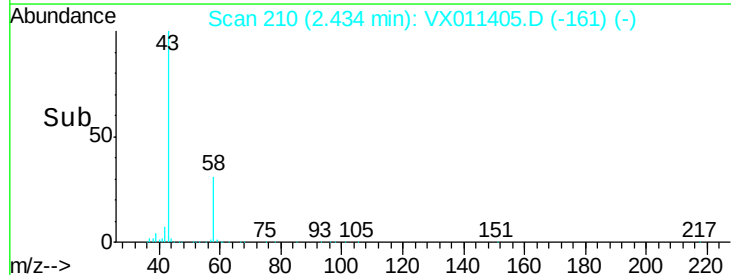
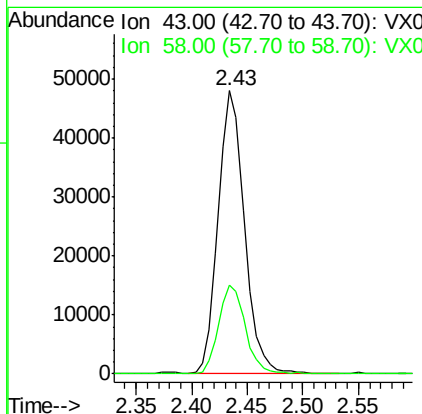
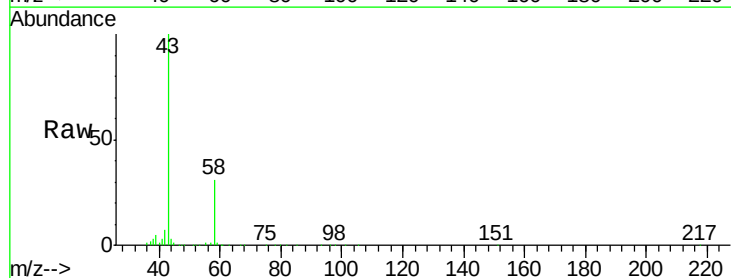
RT: 2.43 min Scan# 210

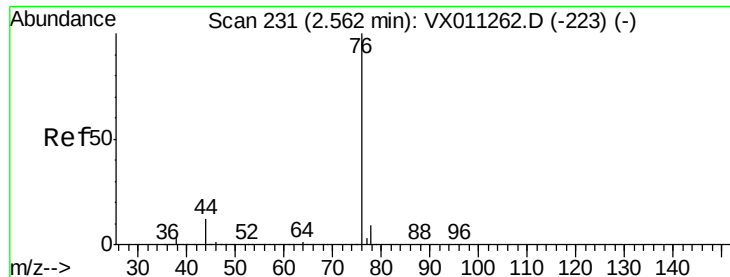
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 78290 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 31.5  | 27.4  | 41.0  |





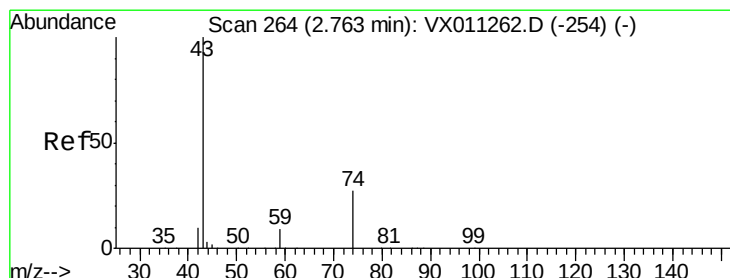
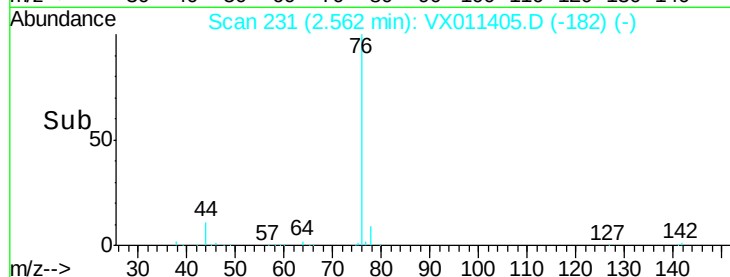
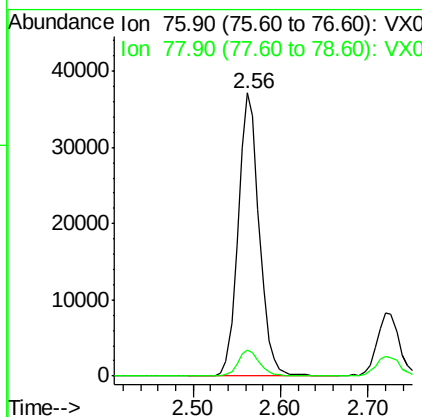
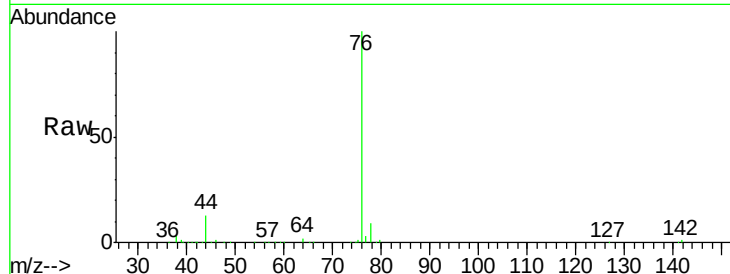
#17  
Carbon Disulfide  
Concen: 17.261 ug/l  
RT: 2.56 min Scan# 231  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.4   | 11.0  |

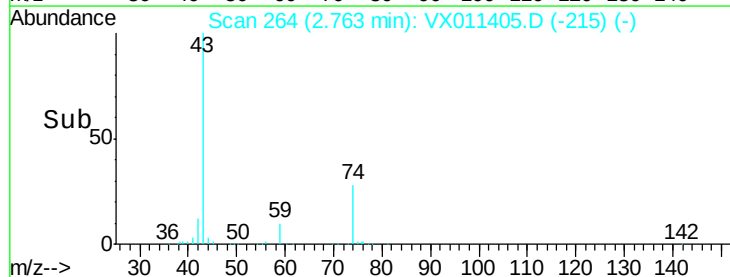
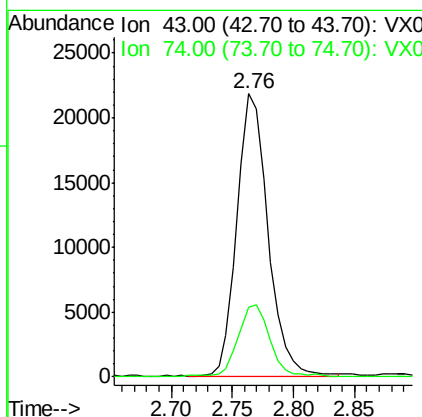
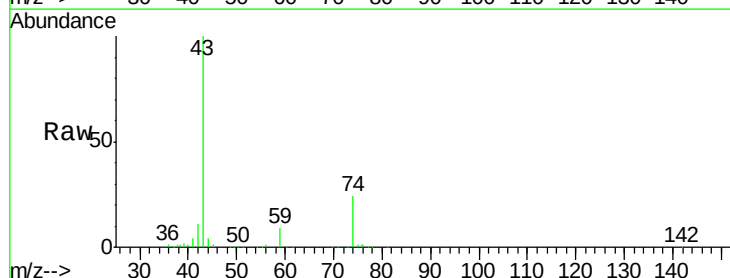
Manual Integrations  
APPROVED

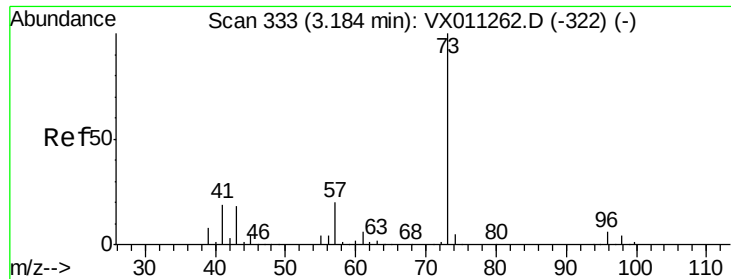
MMDadoda  
8/12/2019 12:50:08 PM



#18  
Methyl Acetate  
Concen: 20.744 ug/l  
RT: 2.76 min Scan# 264  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.8  | 21.0  | 31.6  |





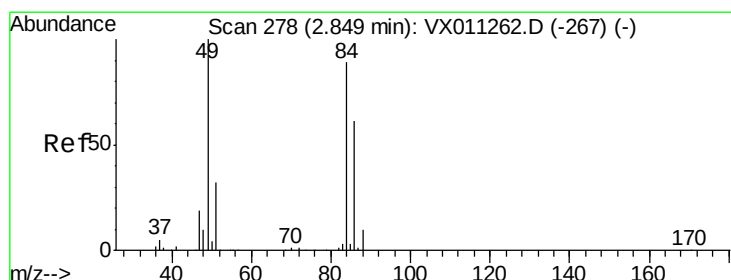
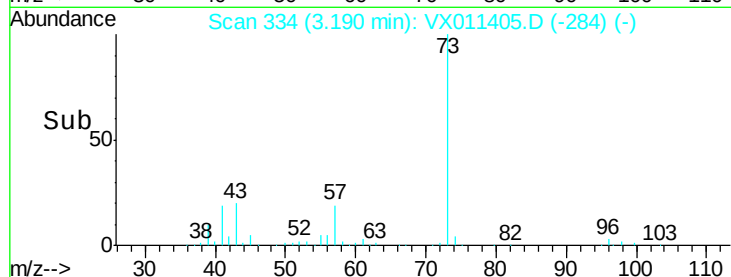
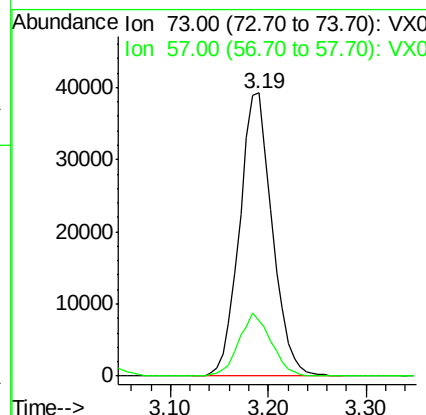
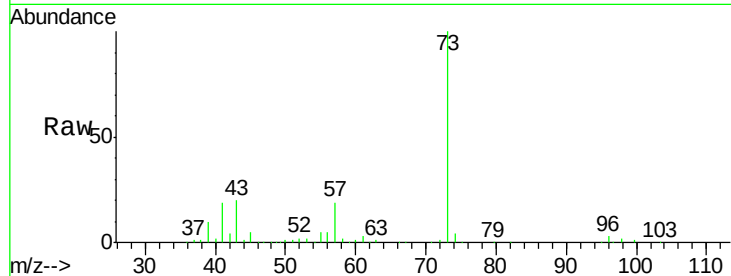
#19  
Methyl tert-butyl Ether  
Concen: 20.030 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. 0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

Tot Ion: 73 Resp: 90946  
Ion Ratio Lower Upper  
73 100  
57 19.5 16.2 24.2

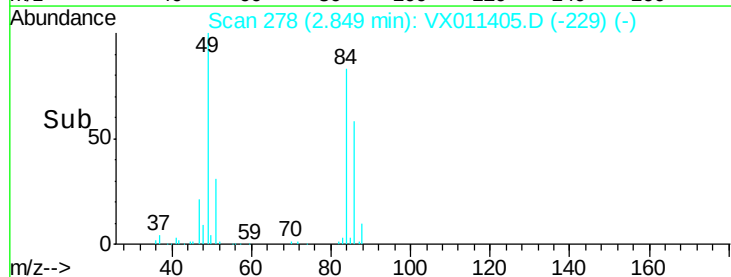
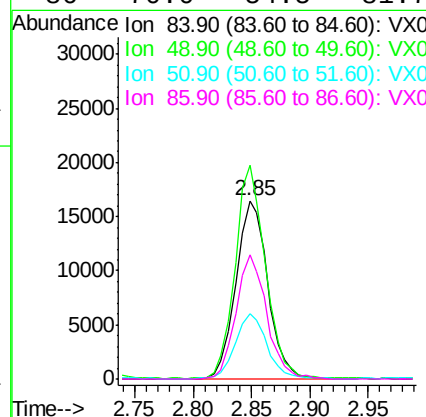
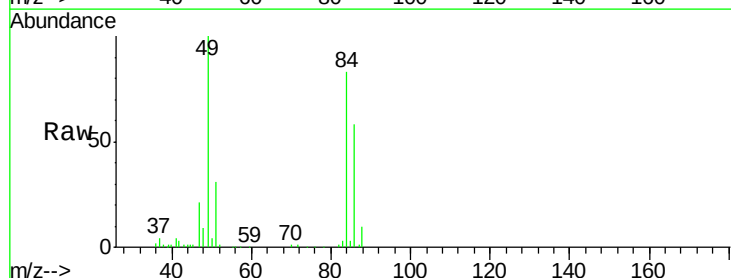
Manual Integrations  
APPROVED

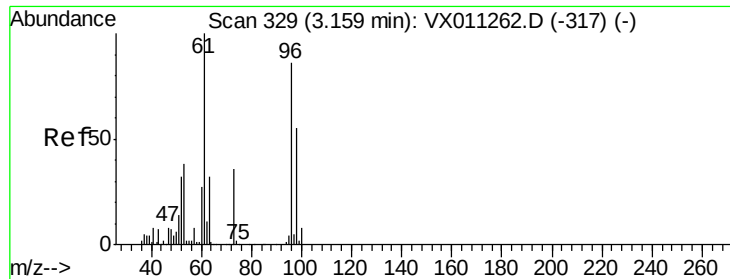
MMDadoda  
8/12/2019 12:50:08 PM



#20  
Methylene Chloride  
Concen: 17.664 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Tgt Ion: 84 Resp: 31400  
Ion Ratio Lower Upper  
84 100  
49 119.6 89.3 133.9  
51 37.1 28.3 42.5  
86 70.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.024 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion: 96 Resp: 29376

Ion Ratio Lower Upper

96 100

61 134.0 92.8 139.2

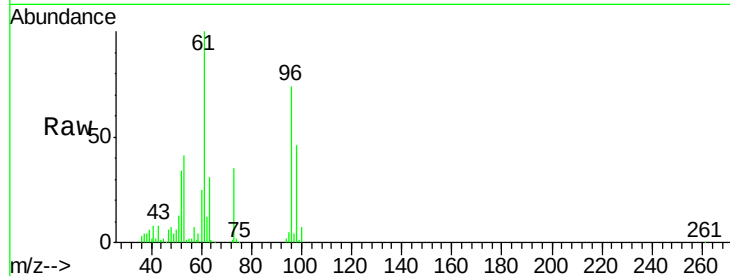
98 62.4 51.2 76.8

Manual Integrations

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MMDadoda

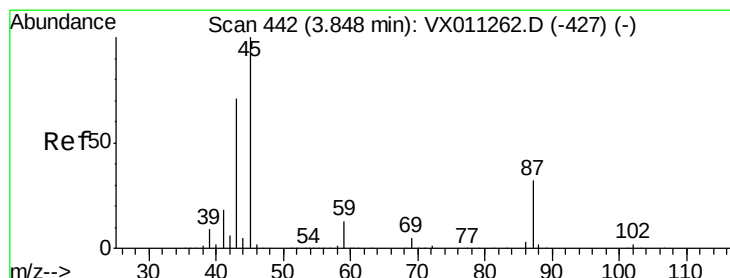
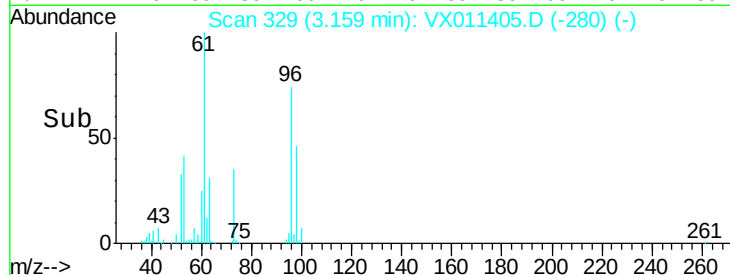
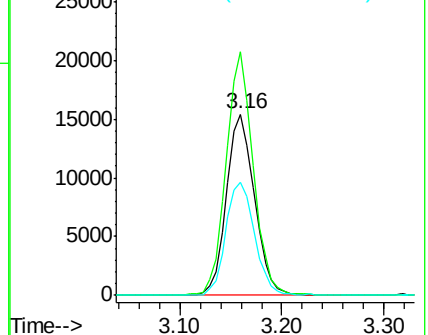
8/12/2019 12:50:08 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.582 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Tgt Ion: 45 Resp: 88398

Ion Ratio Lower Upper

45 100

43 77.6 56.8 85.2

87 30.7 25.8 38.6

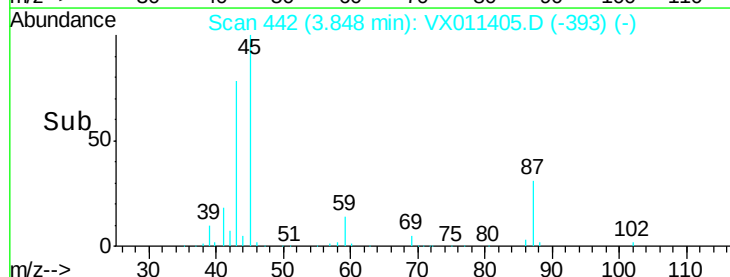
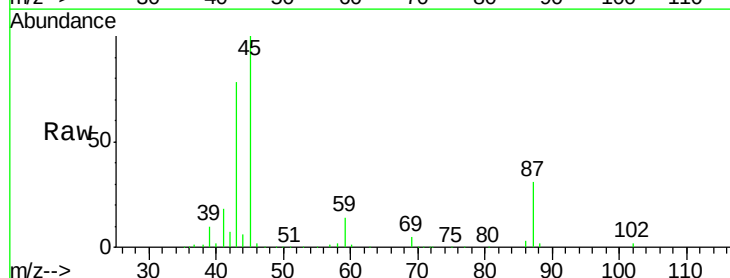
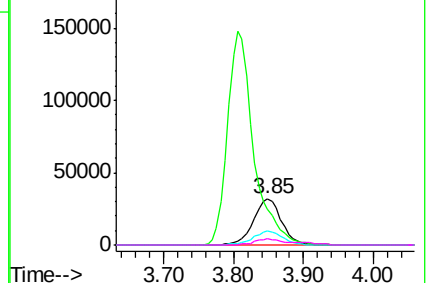
59 13.5 10.3 15.5

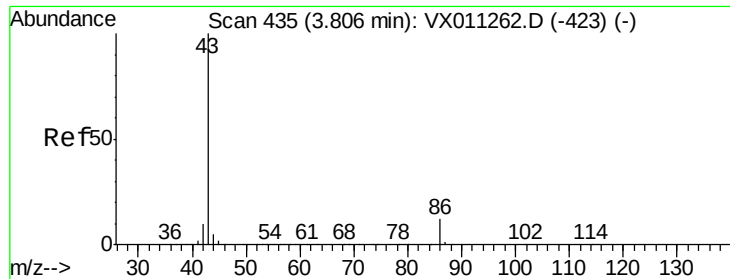
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





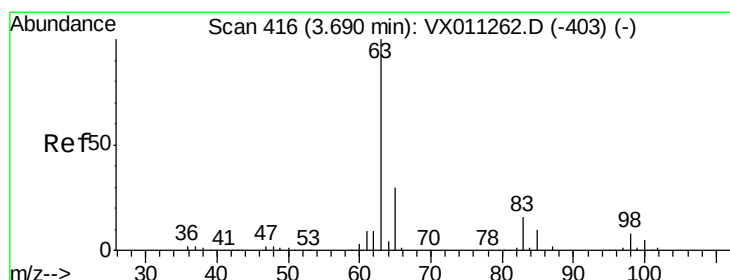
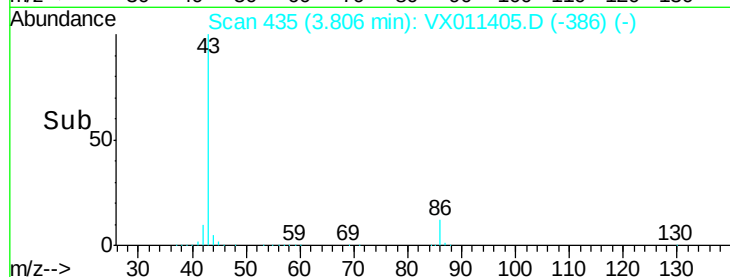
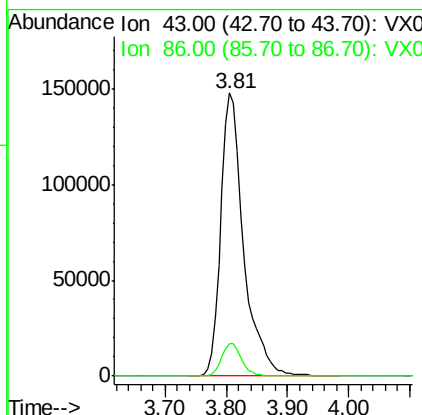
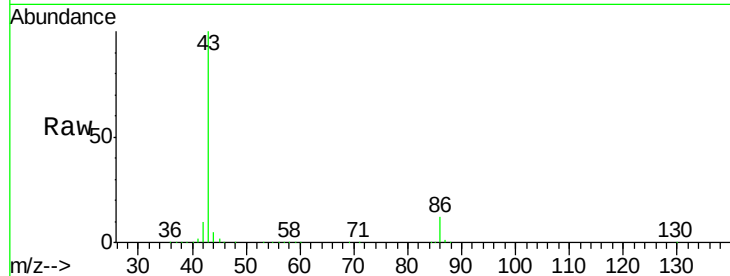
#23  
 Vinyl Acetate  
 Concen: 102.525 ug/l  
 RT: 3.81 min Scan# 435  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

Tot Ion: 43 Resp: 383874  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 9.6 14.4

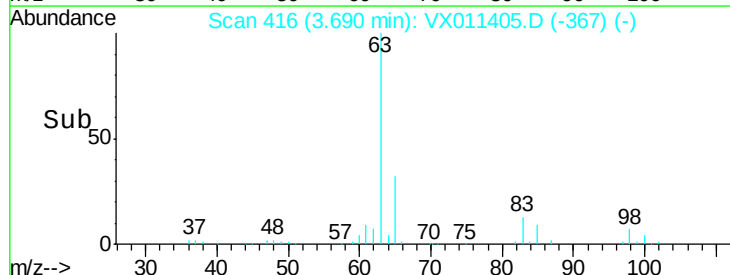
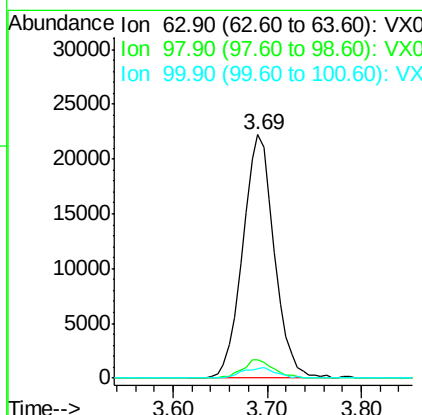
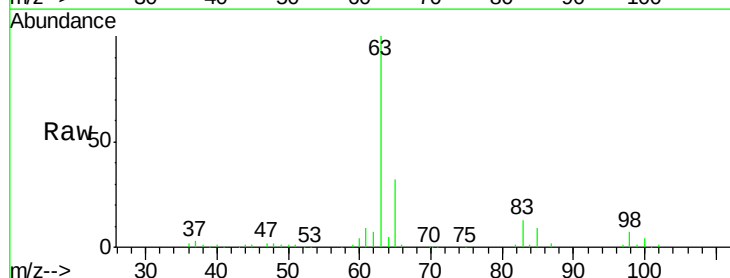
Manual Integrations  
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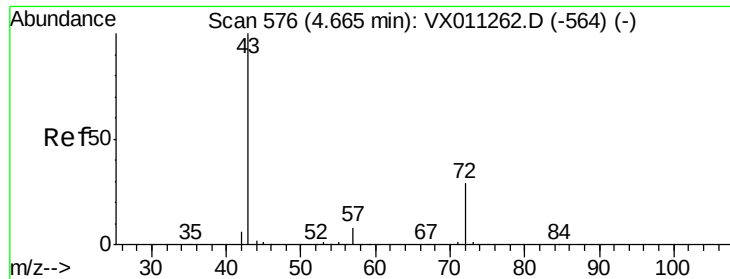


#24  
 1,1-Dichloroethane  
 Concen: 19.562 ug/l  
 RT: 3.69 min Scan# 416  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Tgt Ion: 63 Resp: 52072  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.9 11.5  
 100 3.9 2.7 8.1







#25

2-Butanone

Concen: 99.924 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion: 43 Resp: 115377

Ion Ratio Lower Upper

43 100

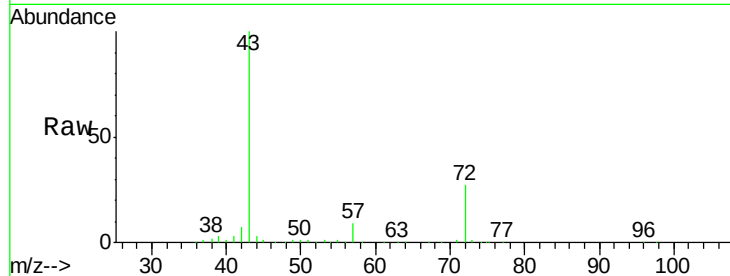
72 26.4 23.2 34.8

Manual Integrations

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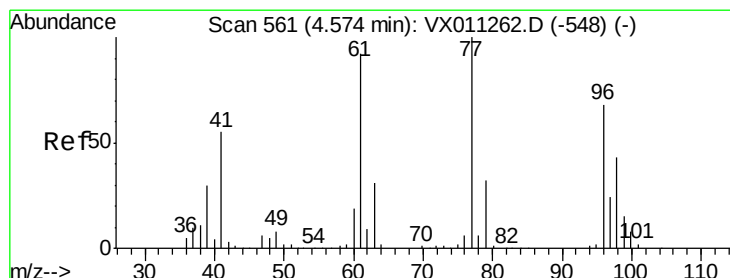
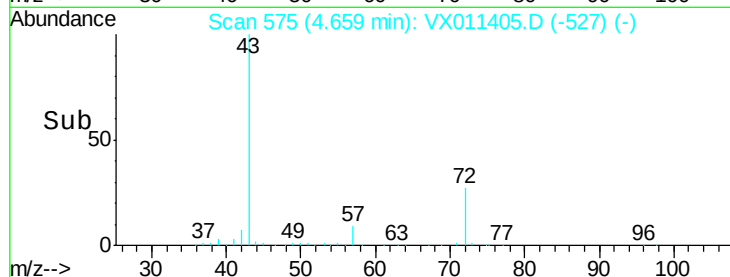
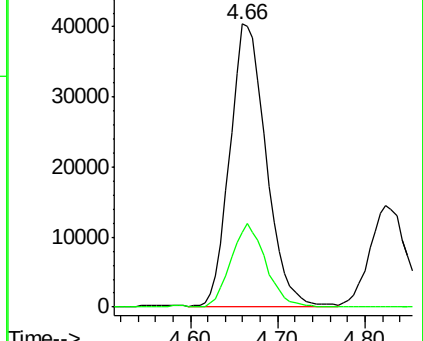
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.273 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011405.D

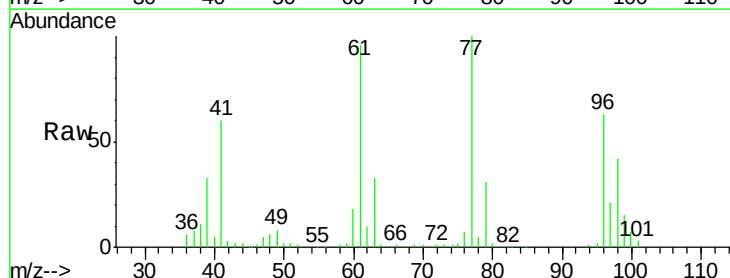
Acq: 09 Aug 2019 13:22

Tgt Ion: 77 Resp: 41950

Ion Ratio Lower Upper

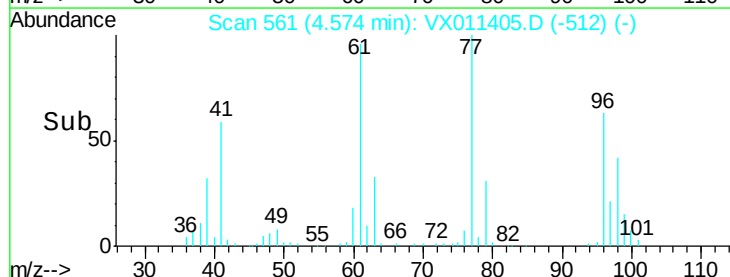
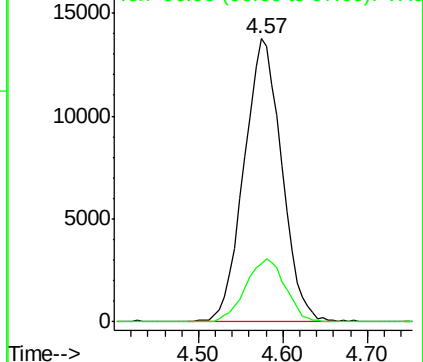
77 100

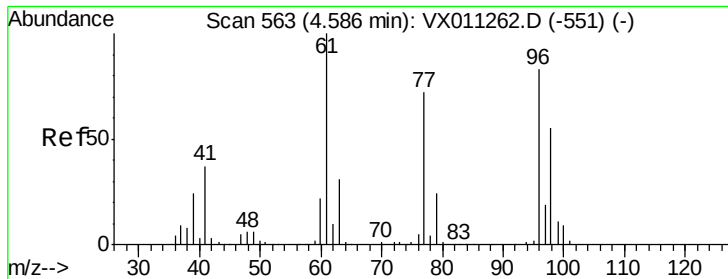
97 23.4 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

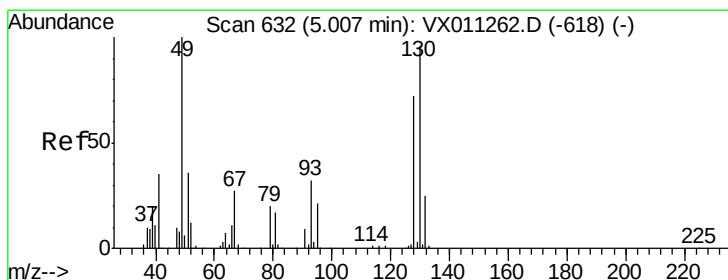
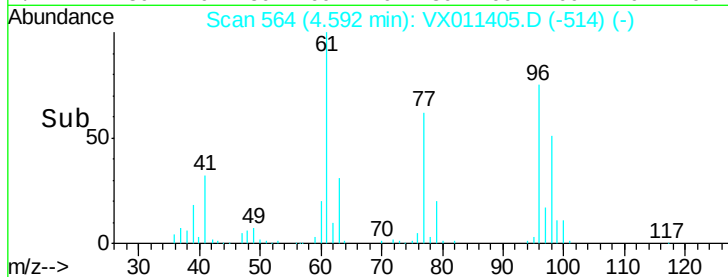
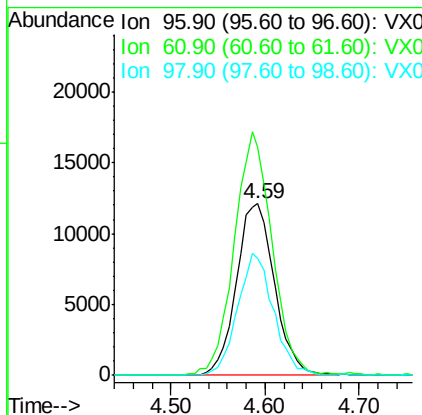
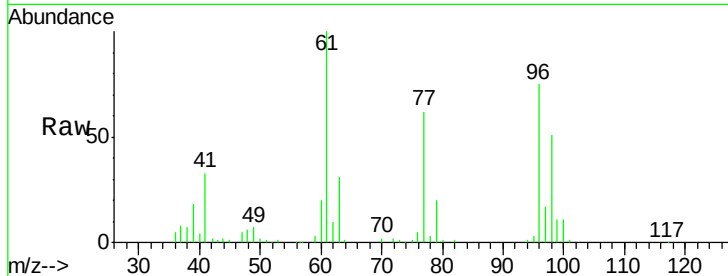
cis-1,2-Dichloroethene  
Concen: 18.155 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. 0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 34081 |       |       |
| 61      | 140.9 |       | 0.0   | 260.2 |
| 98      | 66.8  |       | 0.0   | 133.2 |

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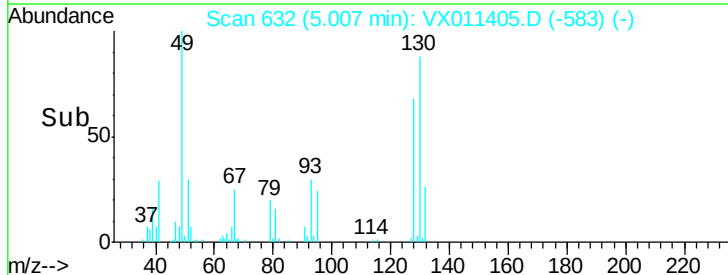
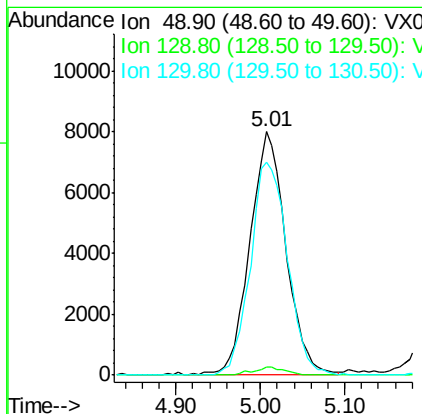
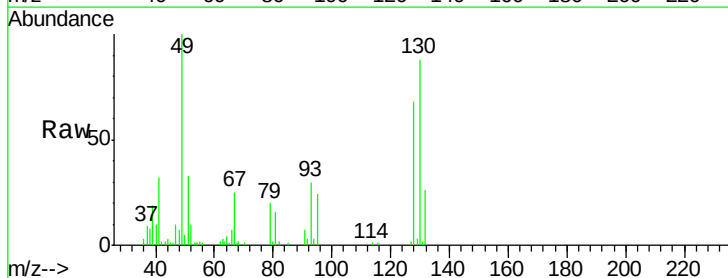
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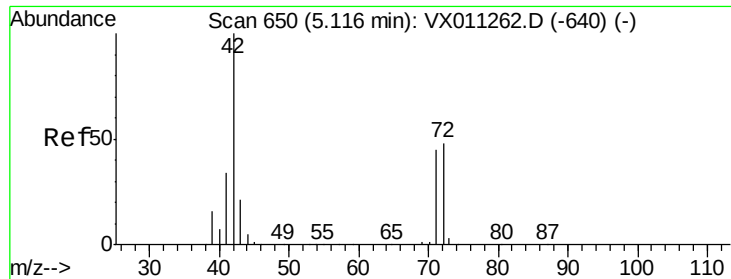


#28

Bromochloromethane  
Concen: 19.386 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 23526 |       |       |
| 129     | 2.8   |       | 0.0   | 5.8   |
| 130     | 90.1  |       | 77.9  | 116.9 |





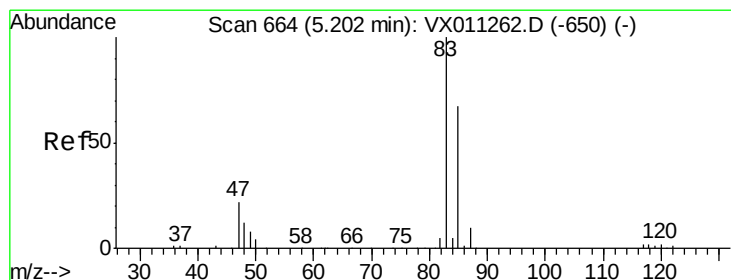
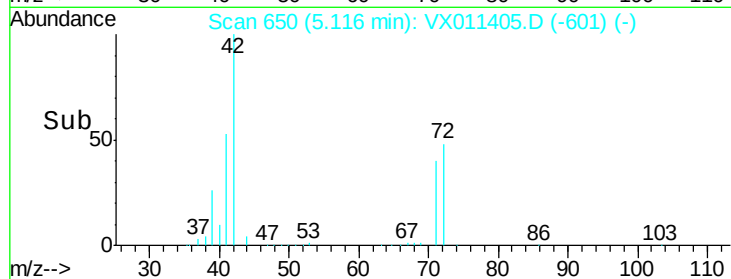
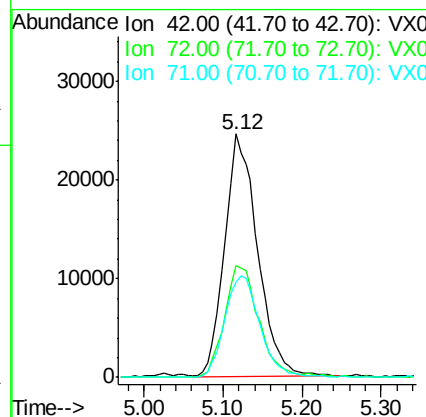
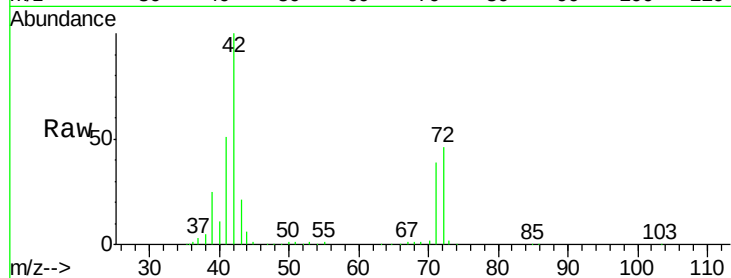
#29  
Tetrahydrofuran  
Concen: 101.035 ug/l  
RT: 5.12 min Scan# 650  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.6  | 39.9  | 59.9  |
| 71      | 44.3  | 36.9  | 55.3  |

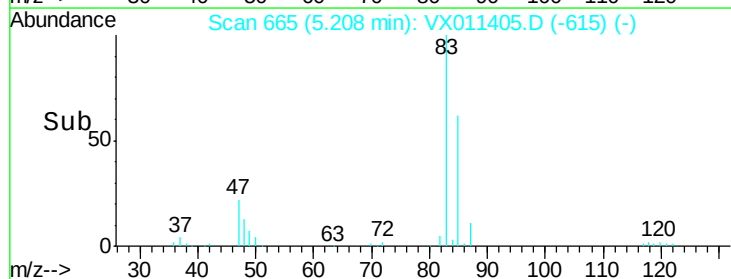
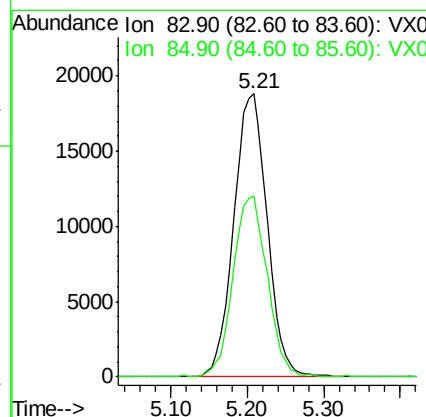
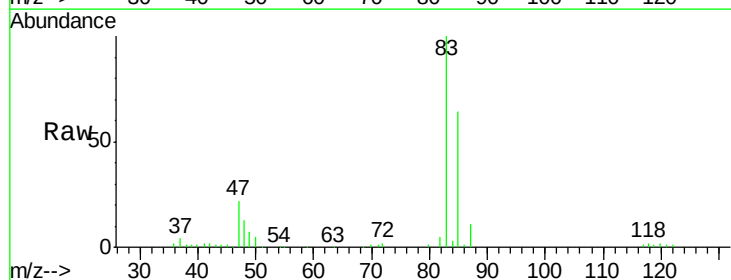
Manual Integrations  
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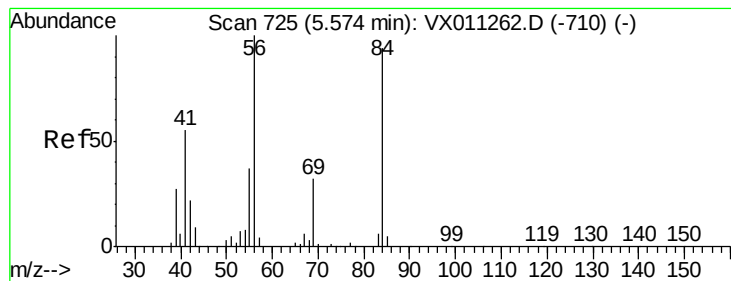
MMDadoda  
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#30  
Chloroform  
Concen: 19.640 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 53.4  | 80.0  |





#31

Cyclohexane

Concen: 18.202 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

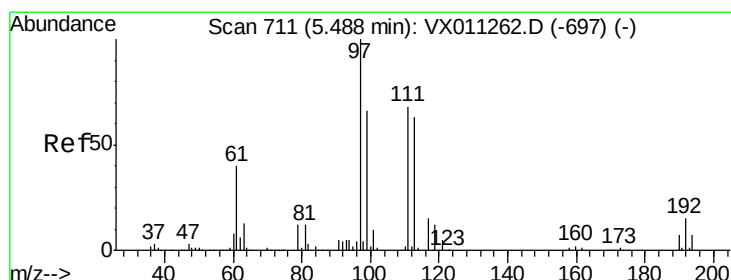
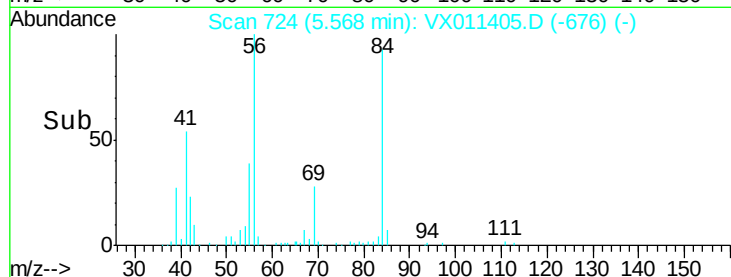
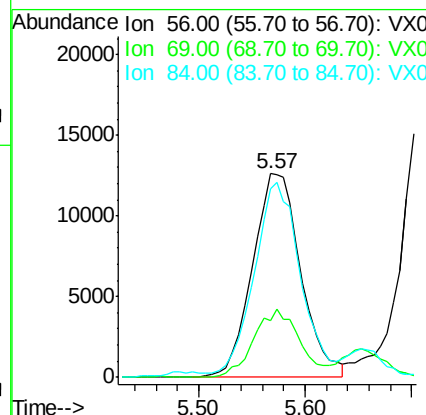
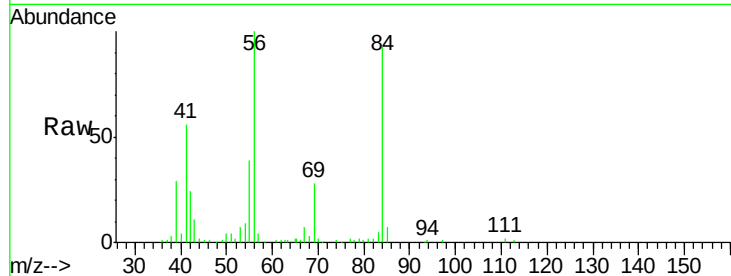
ClientSampleId :

VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 39974 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 27.9  | 25.5  | 38.3  |
| 84       | 90.2  | 75.0  | 112.4 |

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#32

1,1,1-Trichloroethane

Concen: 19.822 ug/l

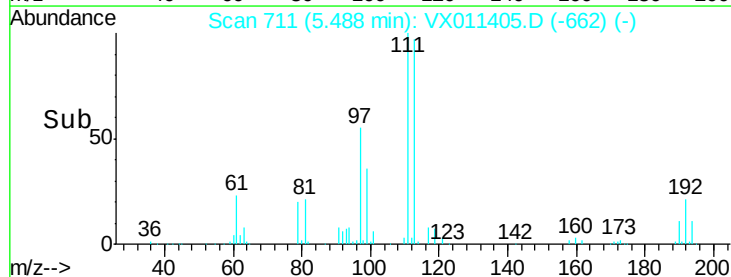
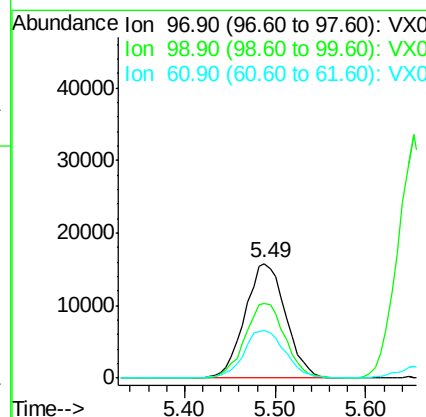
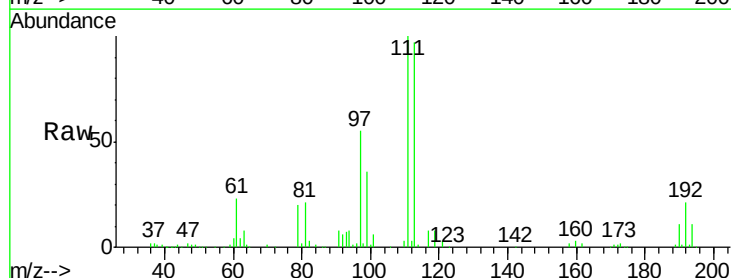
RT: 5.49 min Scan# 711

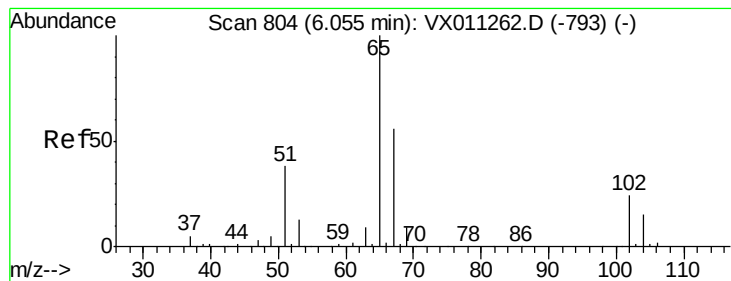
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 49126 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.1  | 51.6  | 77.4  |
| 61       | 42.1  | 32.3  | 48.5  |





#33

1,2-Dichloroethane-d4

Concen: 56.108 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion: 65 Resp: 95683

Ion Ratio Lower Upper

65 100

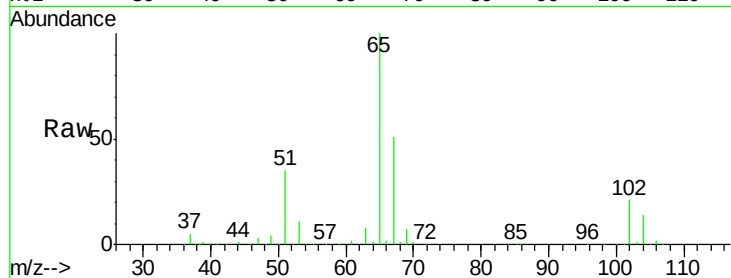
67 51.9 0.0 110.6

Manual Integrations

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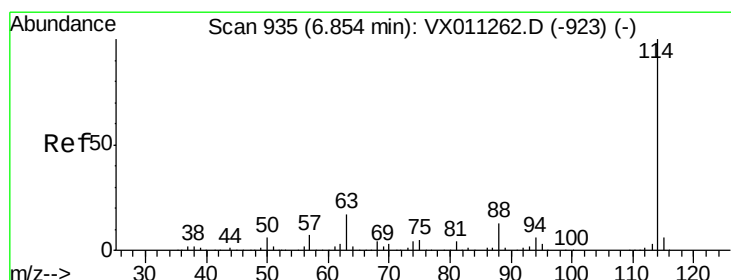
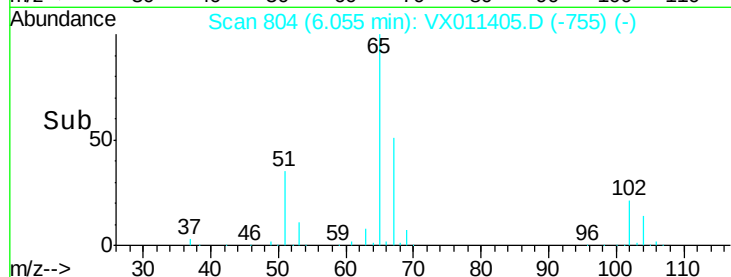
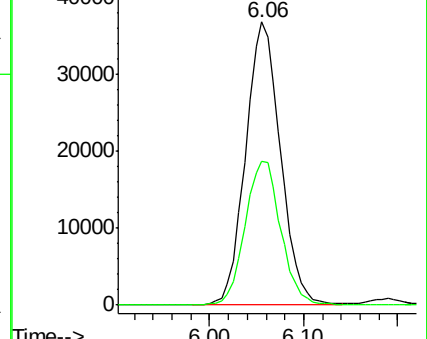
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX011405.D

Acq: 09 Aug 2019 13:22

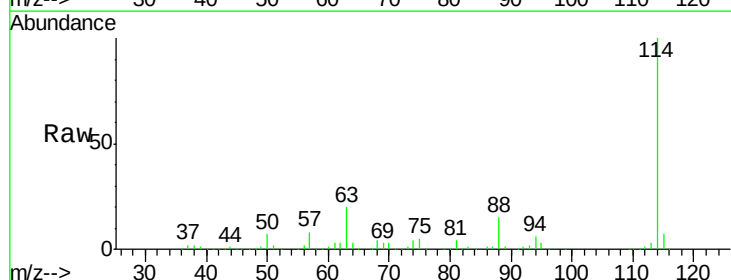
Tgt Ion: 114 Resp: 249645

Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

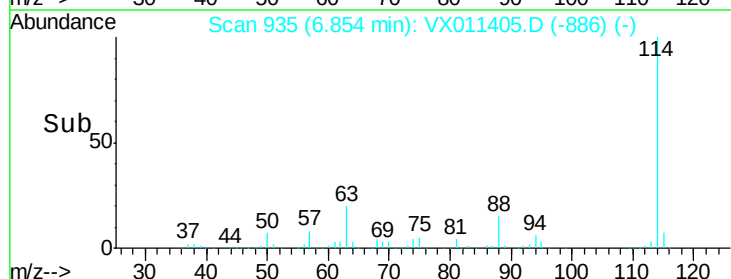
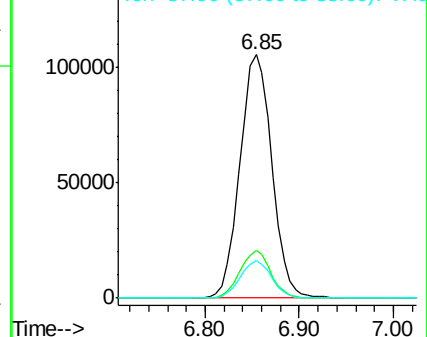
88 15.2 0.0 26.4

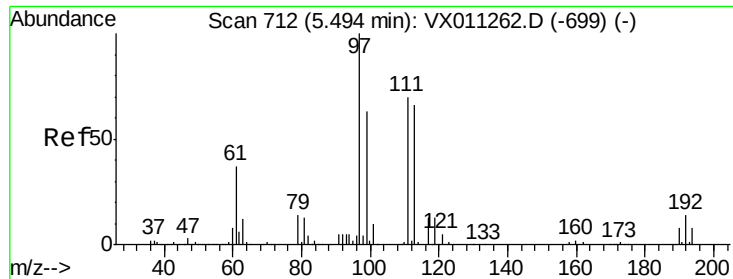


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





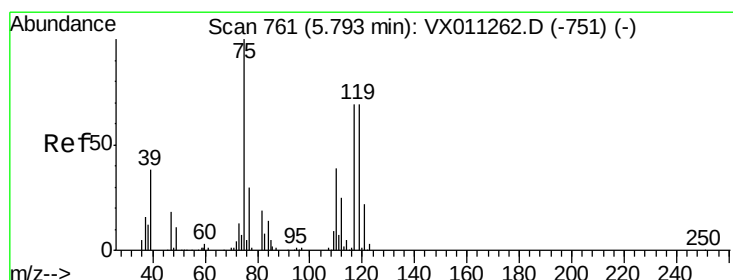
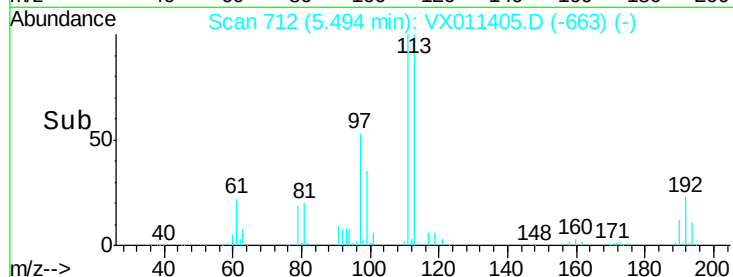
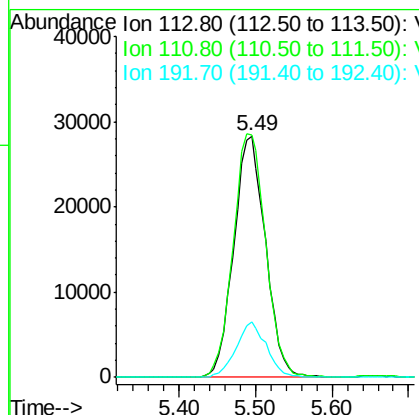
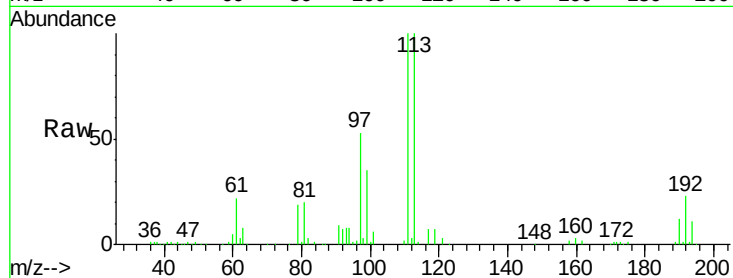
#35  
 Dibromofluoromethane  
 Concen: 49.856 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 81259 |       |       |
| 111     | 103.6 |       | 81.9  | 122.9 |
| 192     | 22.0  |       | 17.8  | 26.8  |

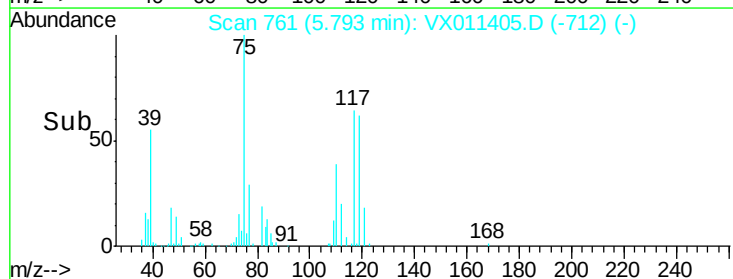
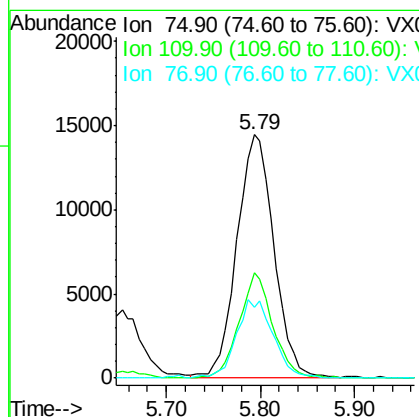
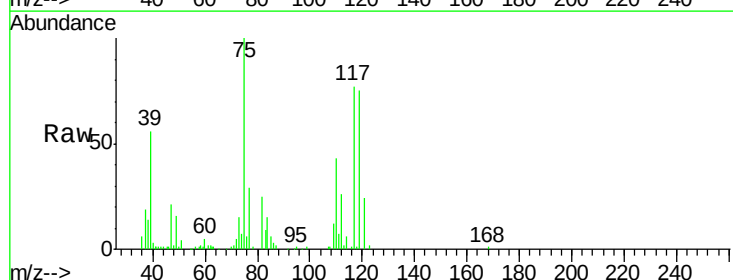
Manual Integrations  
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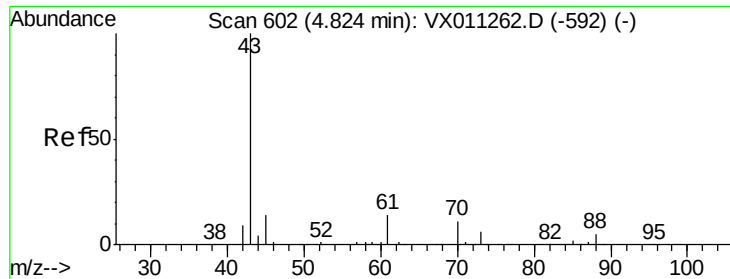
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#36  
 1,1-Dichloropropene  
 Concen: 18.103 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 39458 |       |       |
| 110     | 39.3  |       | 20.0  | 59.9  |
| 77      | 32.2  |       | 24.8  | 37.2  |





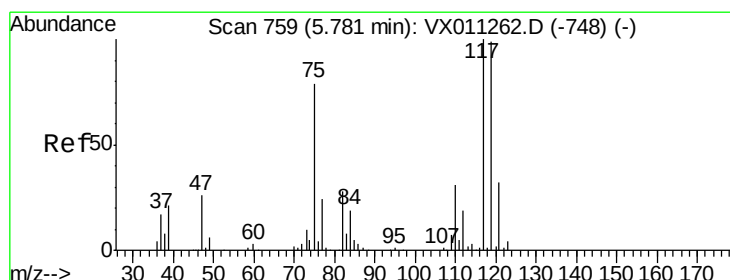
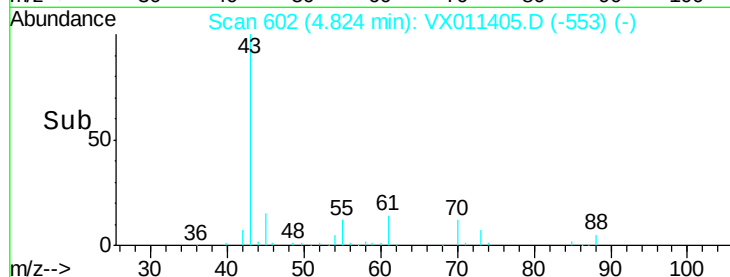
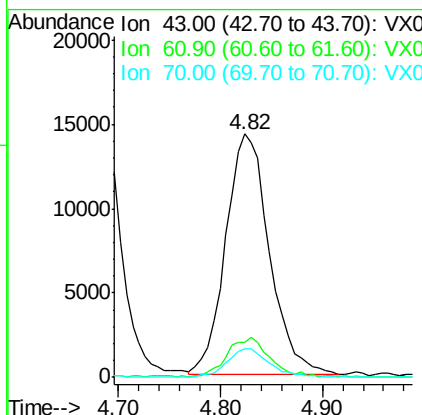
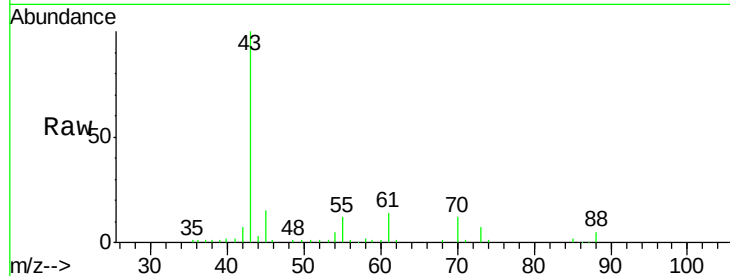
#37  
Ethyl Acetate  
Concen: 19.354 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.4  | 12.6  | 18.8  |
| 70      | 11.5  | 9.1   | 13.7  |

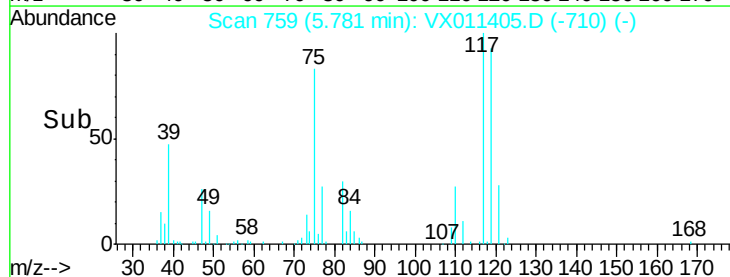
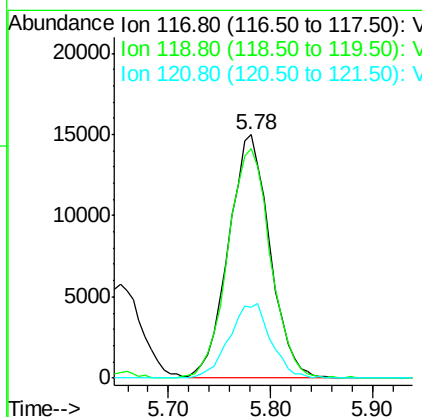
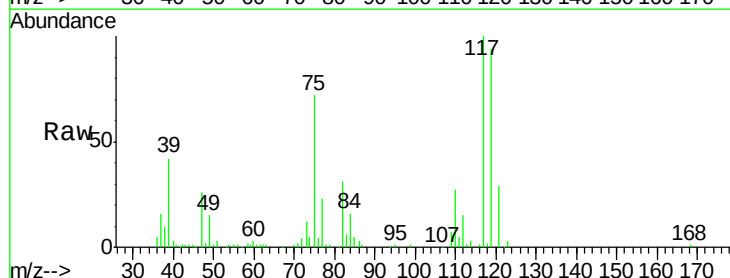
Manual Integrations  
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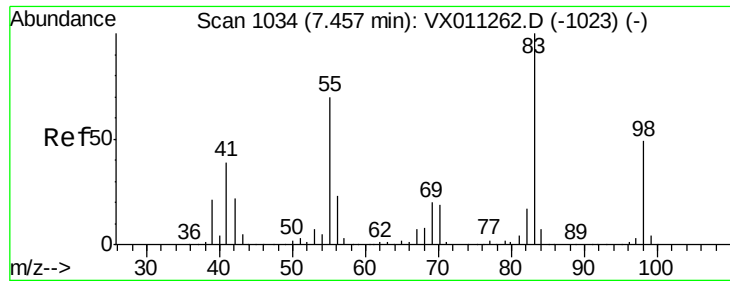
MMDadoda  
8/12/2019 12:50:08 PM



#38  
Carbon Tetrachloride  
Concen: 19.249 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.1  | 79.0  | 118.4 |
| 121     | 29.3  | 25.9  | 38.9  |





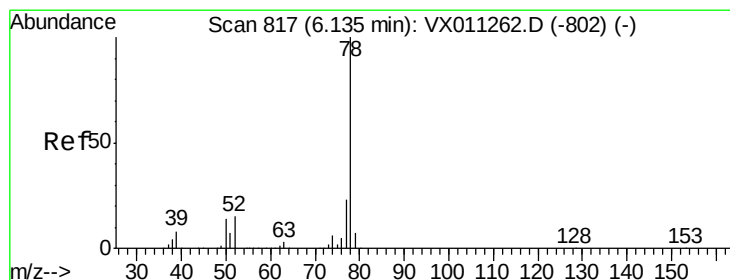
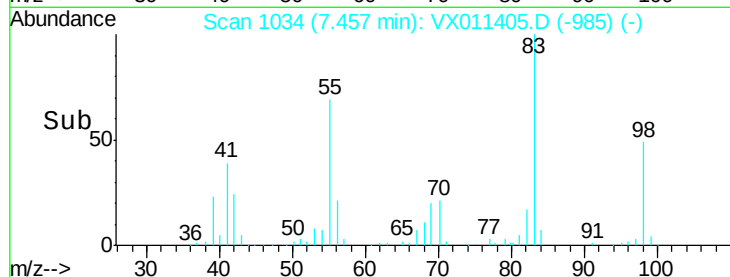
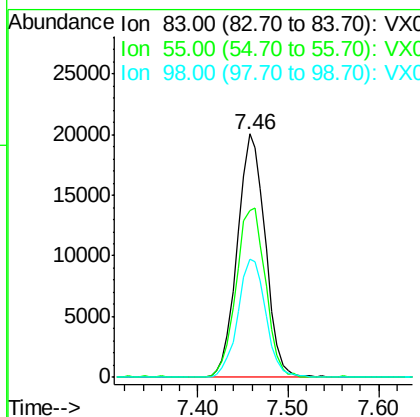
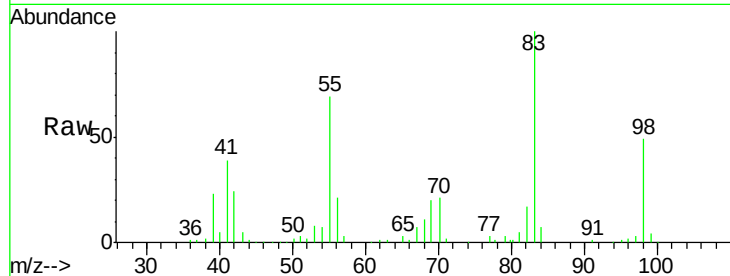
#39  
Methylvlcyclohexane  
Concen: 16.573 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.6  | 56.1  | 84.1  |
| 98      | 48.7  | 39.0  | 58.4  |

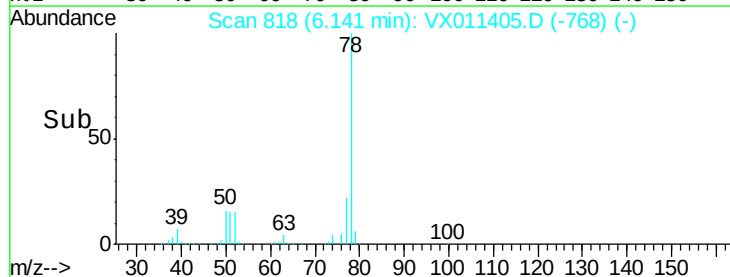
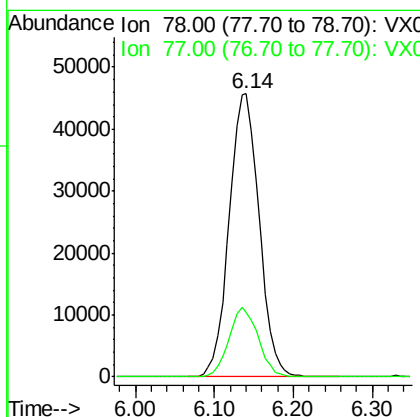
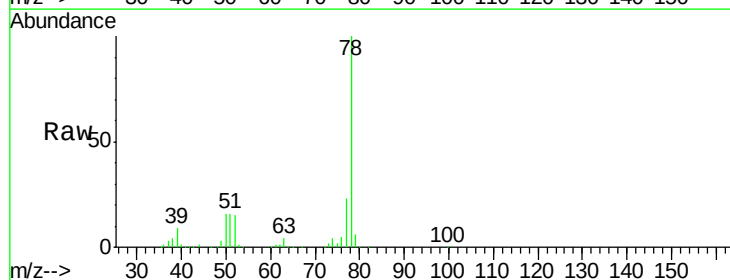
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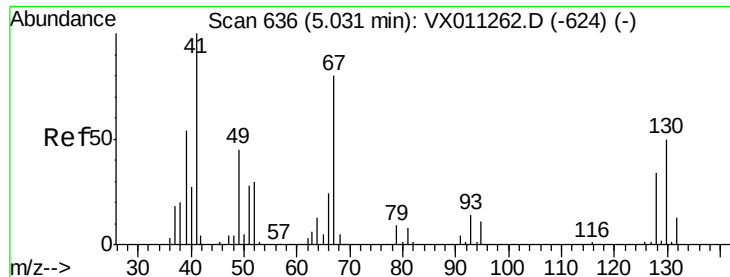


#40  
Benzene  
Concen: 18.611 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 18.2  | 27.2  |







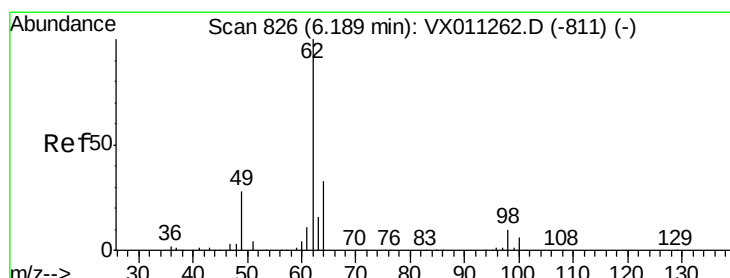
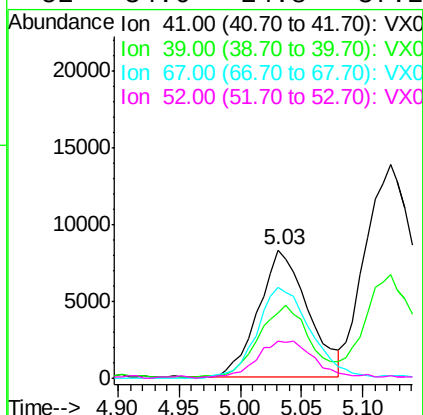
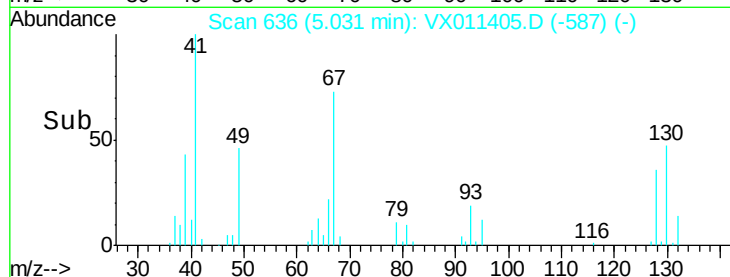
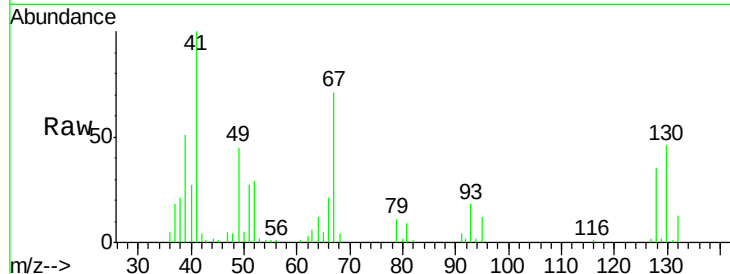
#41  
Methacrylonitrile  
Concen: 19.526 ug/l  
RT: 5.03 min Scan# 636  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 23314   | 41  | 100   |       |       |
|         | 39  | 56.7  | 43.0  | 64.6  |
|         | 67  | 77.7  | 65.1  | 97.7  |
|         | 52  | 34.6  | 24.8  | 37.2  |

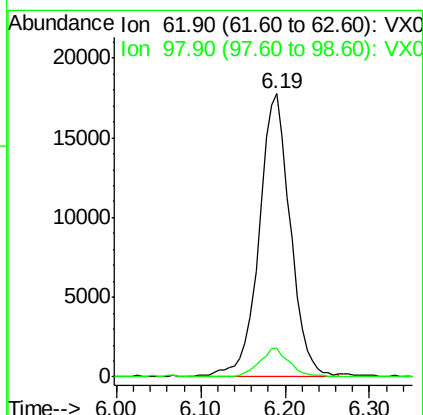
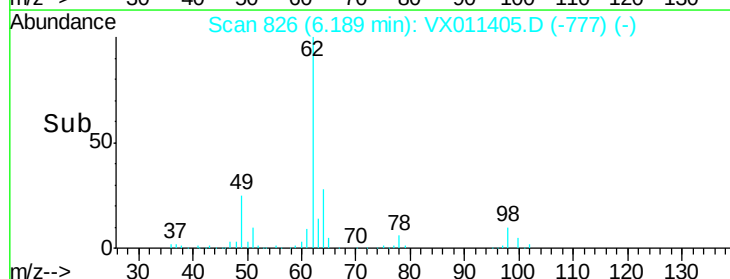
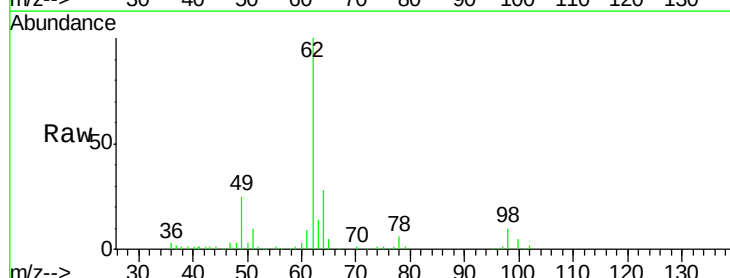
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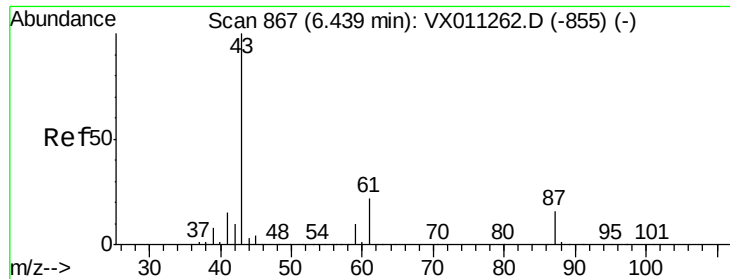
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#42  
1,2-Dichloroethane  
Concen: 20.707 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 45543   | 62  | 100   |       |       |
|         | 98  | 9.7   | 0.0   | 20.6  |





#43

Isopropyl Acetate

Concen: 19.052 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

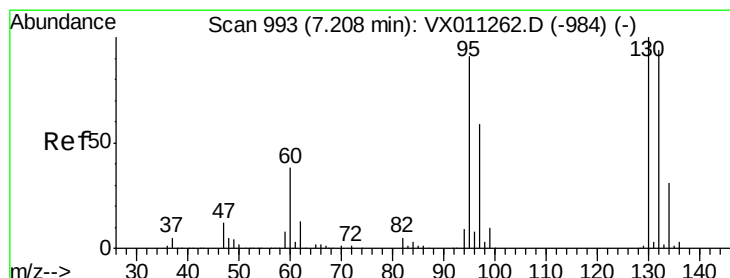
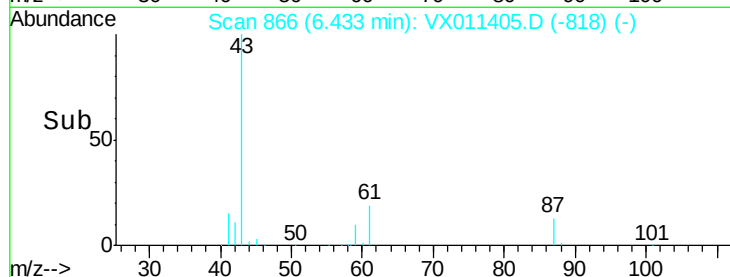
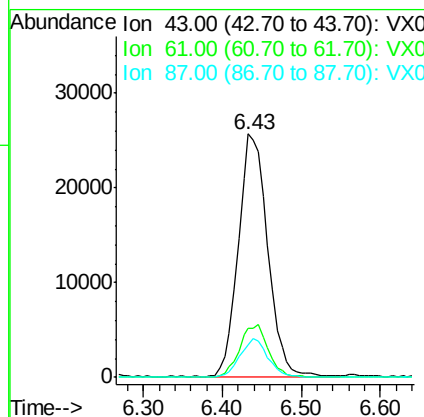
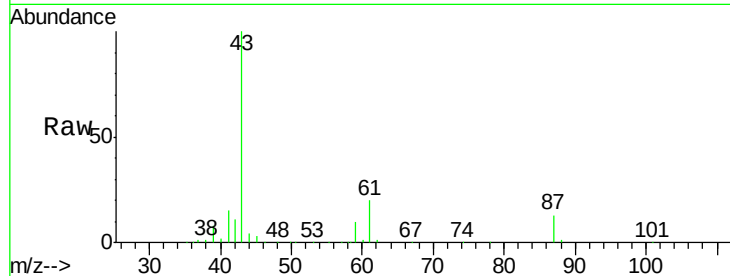
ClientSampleId :

VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 66595 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.5  | 16.5  | 24.7  |
| 87       | 15.2  | 12.1  | 18.1  |

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#44

Trichloroethene

Concen: 17.797 ug/l

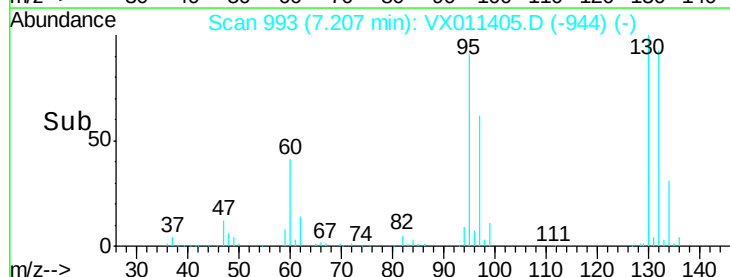
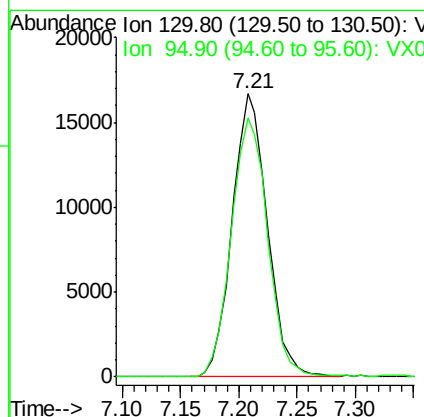
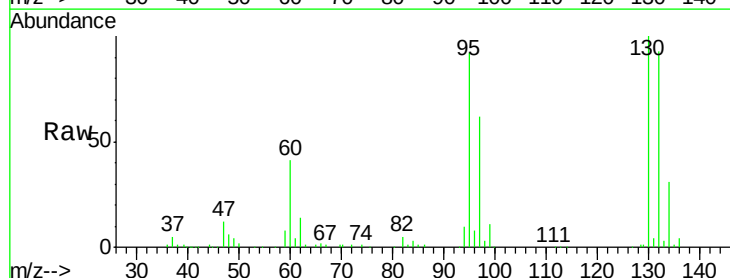
RT: 7.21 min Scan# 993

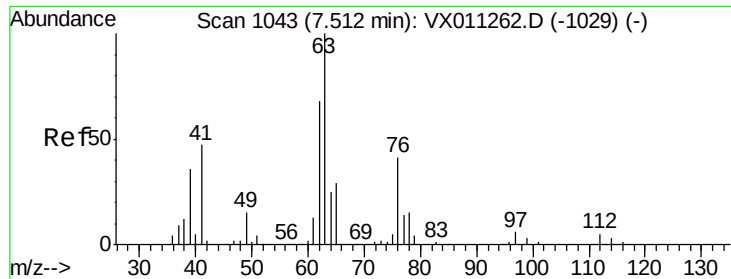
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 35037 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 91.7  | 0.0   | 182.6 |





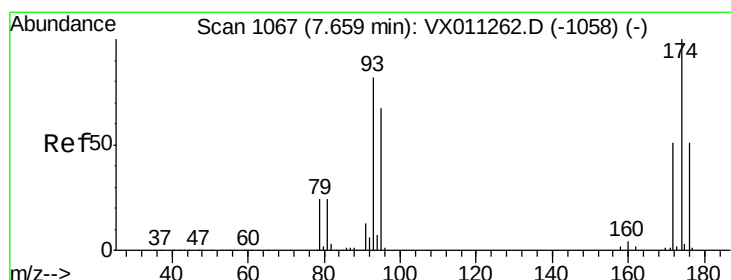
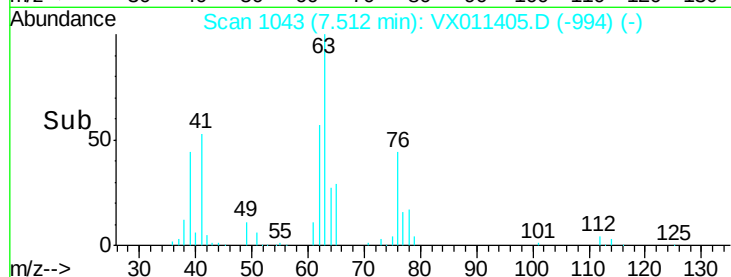
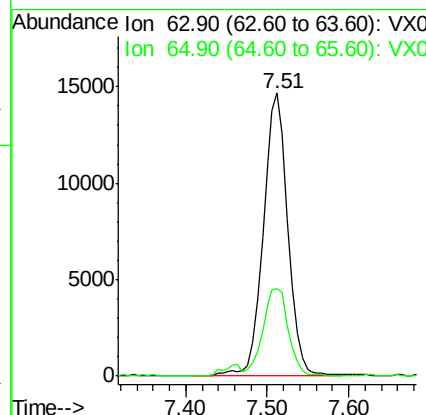
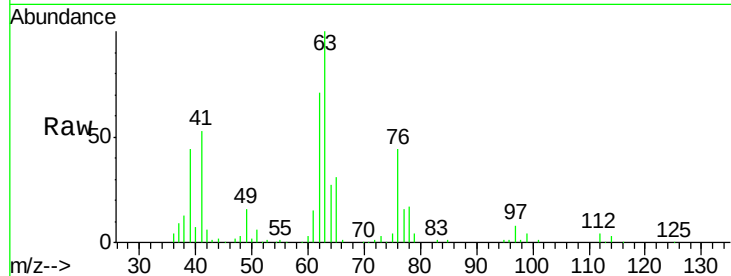
#45  
 1,2-Dichloropropane  
 Concen: 18.266 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

Tot Ion: 63 Resp: 30768  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 23.3 34.9

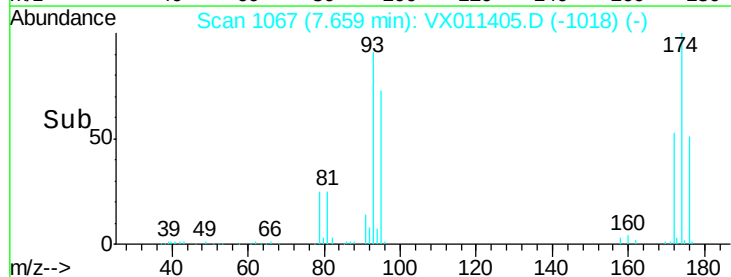
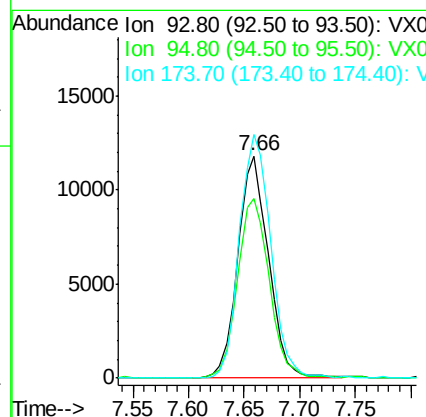
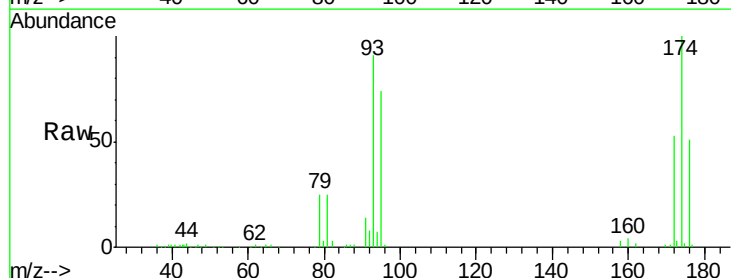
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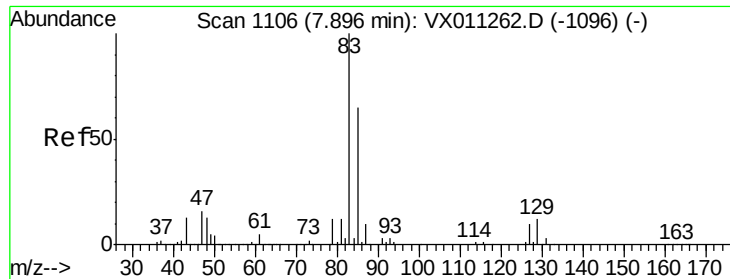
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#46  
 Dibromomethane  
 Concen: 18.372 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Tgt Ion: 93 Resp: 22592  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 66.4 99.6  
 174 112.3 93.4 140.2





#47

Bromodichloromethane

Concen: 19.682 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

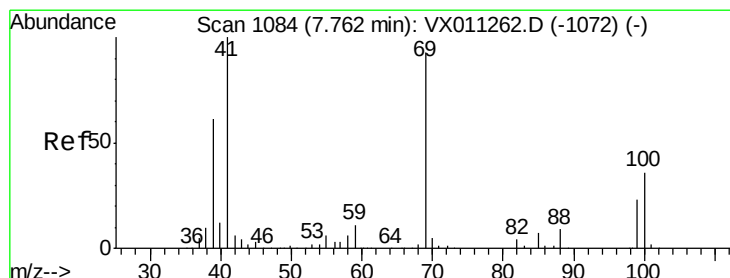
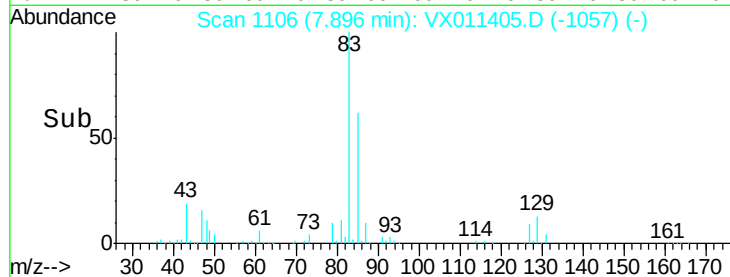
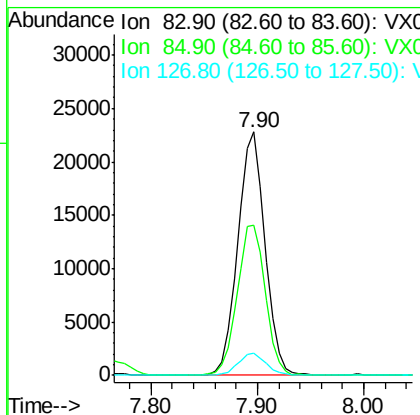
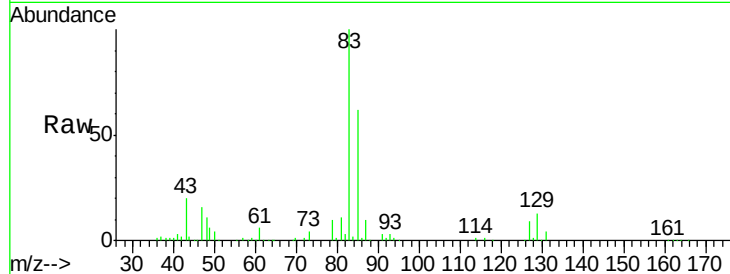
ClientSampleId :

VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 40977 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.5  | 52.2  | 78.2  |
| 127      | 8.9   | 7.8   | 11.8  |

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#48

Methyl methacrylate

Concen: 19.666 ug/l

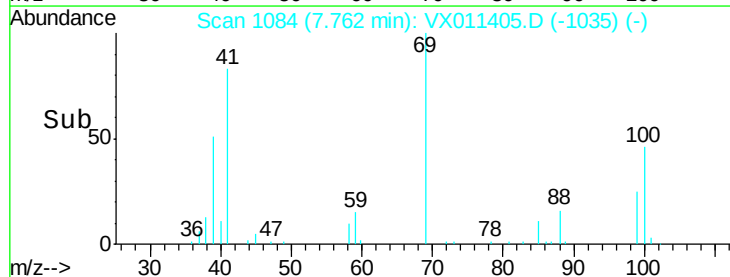
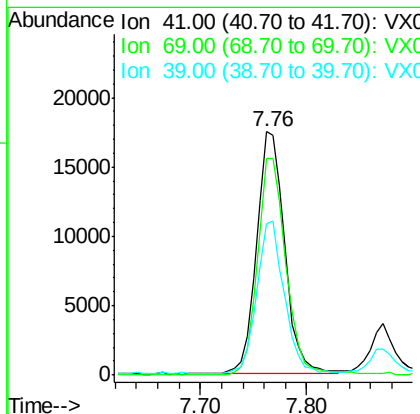
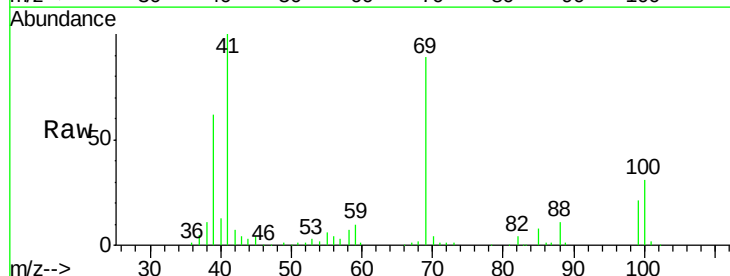
RT: 7.76 min Scan# 1084

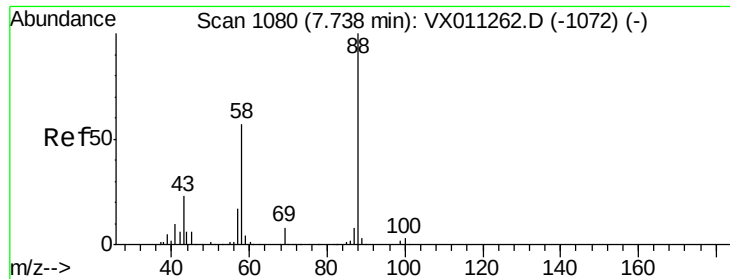
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32351 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 91.4  | 74.5  | 111.7 |
| 39       | 62.2  | 48.6  | 72.8  |





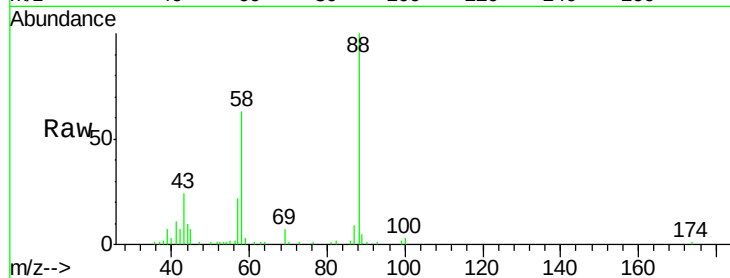
#49  
1,4-Dioxane  
Concen: 361.521 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.7  | 22.2  | 33.2  |
| 58      | 66.7  | 47.8  | 71.8  |

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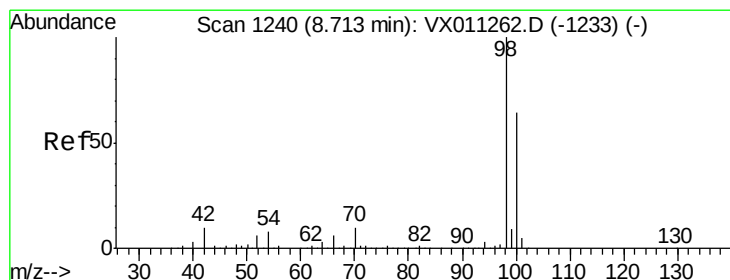
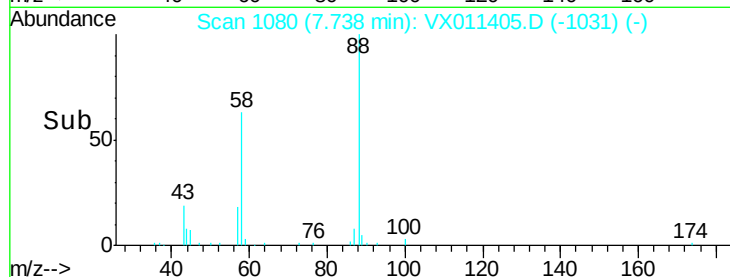
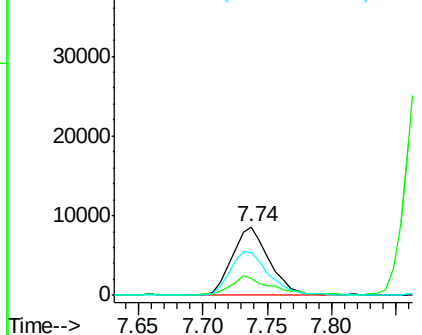


Abundance

Ion 88.00 (87.70 to 88.70): VX0

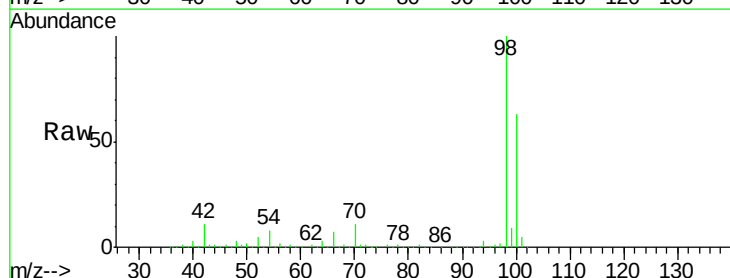
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 49.592 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

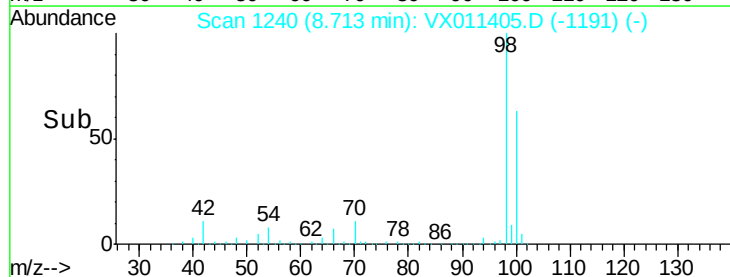
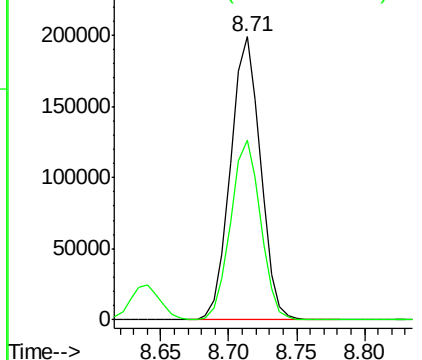
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.4  | 51.7  | 77.5  |

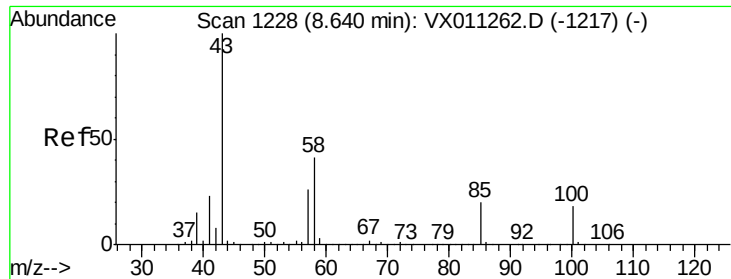


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





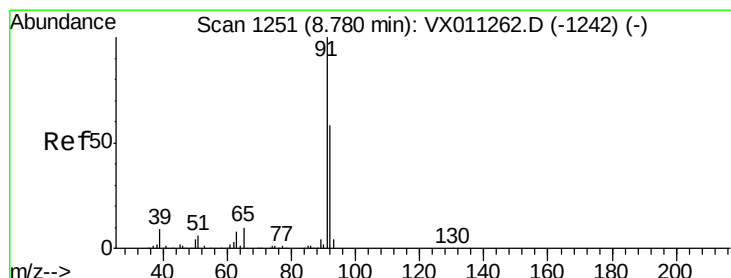
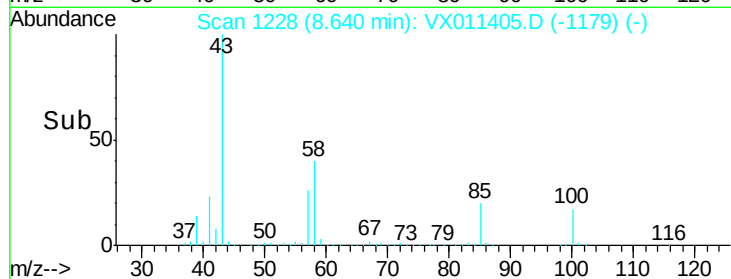
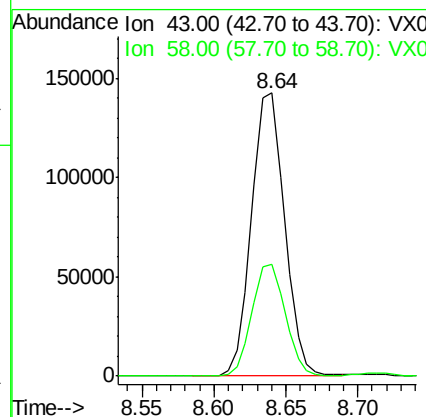
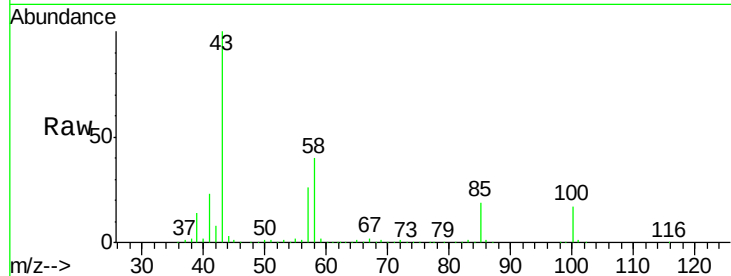
#51  
4-Methyl-2-Pentanone  
Concen: 100.285 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.1  | 32.3  | 48.5  |

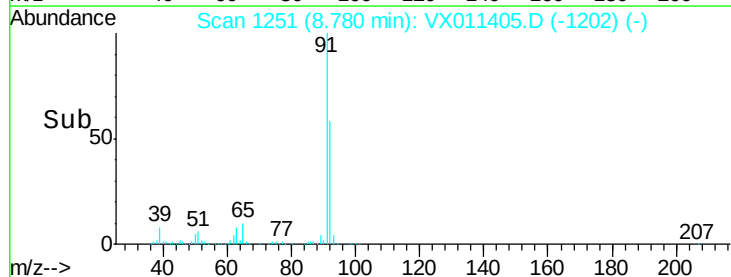
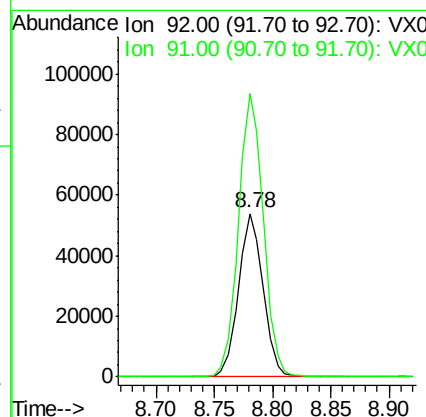
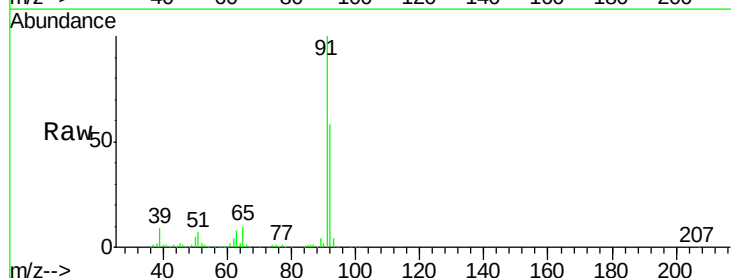
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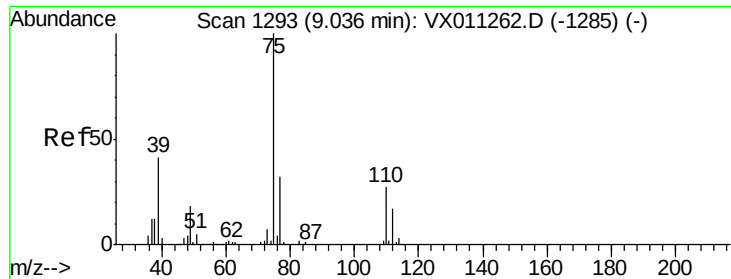
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#52  
Toluene  
Concen: 18.430 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 176.2 | 139.4 | 209.0 |





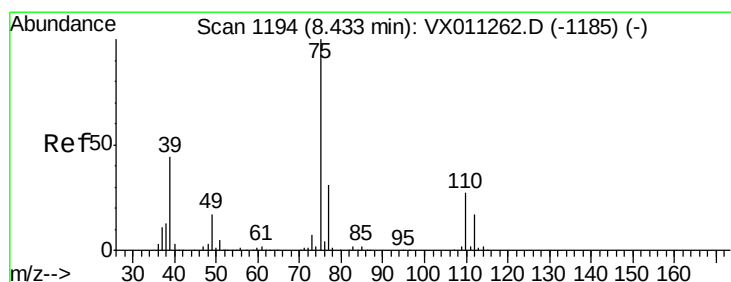
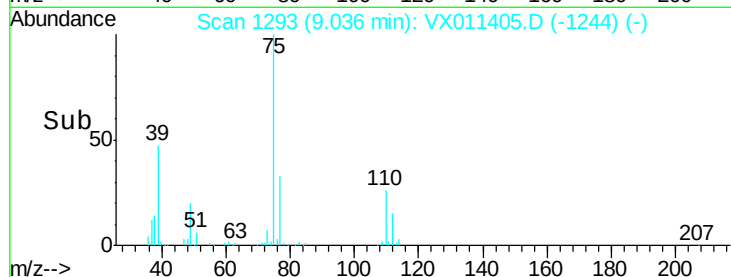
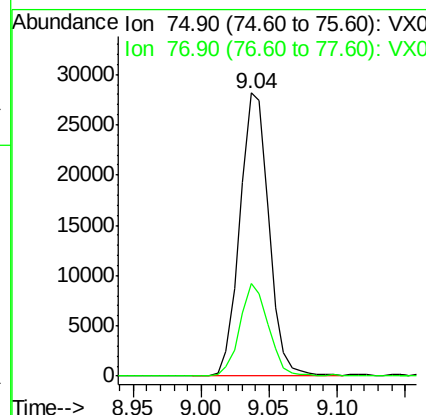
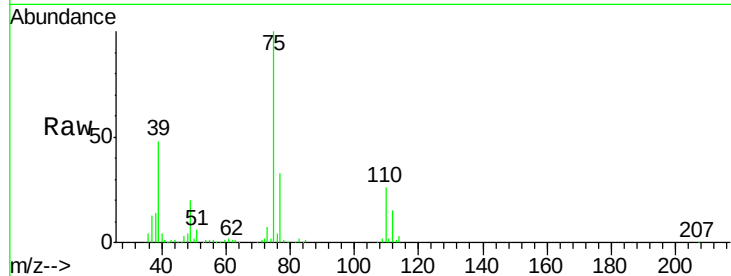
#53  
t-1,3-Dichloropropene  
Concen: 19.149 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

Tot Ion: 75 Resp: 41927  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.4 38.0

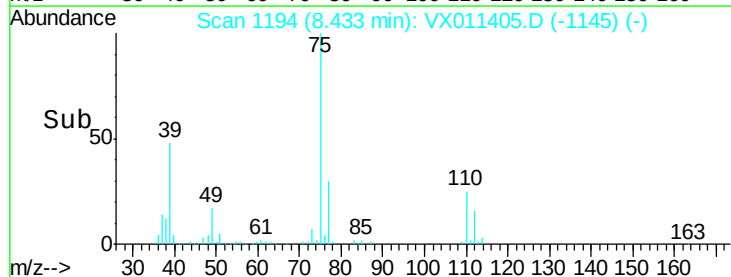
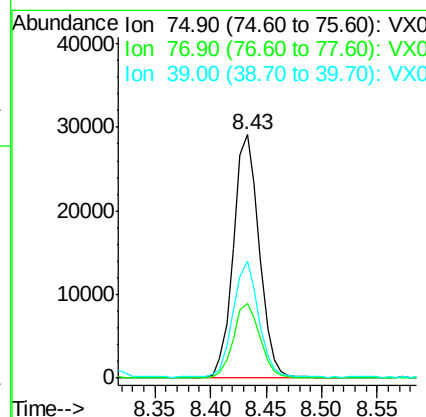
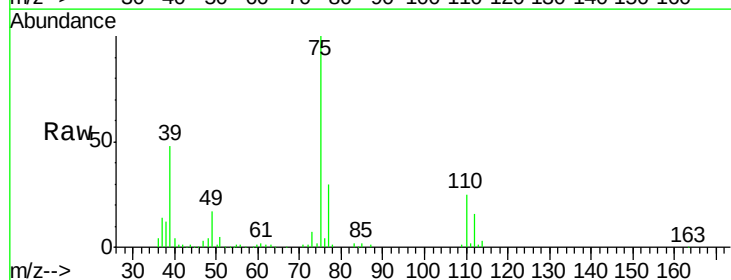
Manual Integrations  
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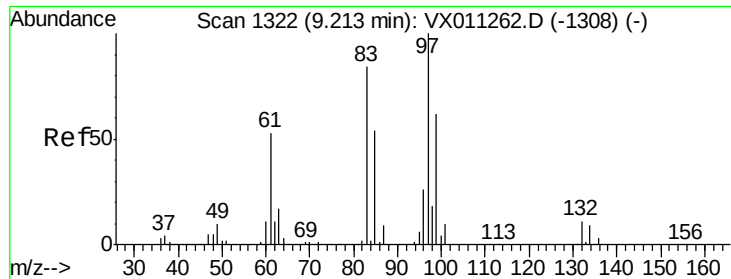
MMDadoda  
8/12/2019 12:50:08 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.292 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Tgt Ion: 75 Resp: 46919  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.0 37.6  
39 47.5 35.3 52.9





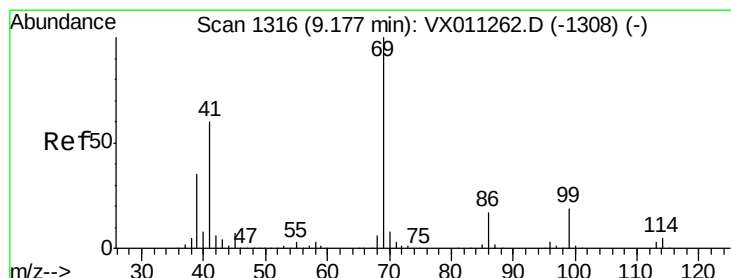
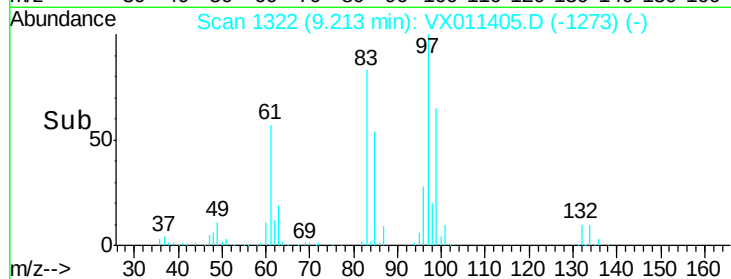
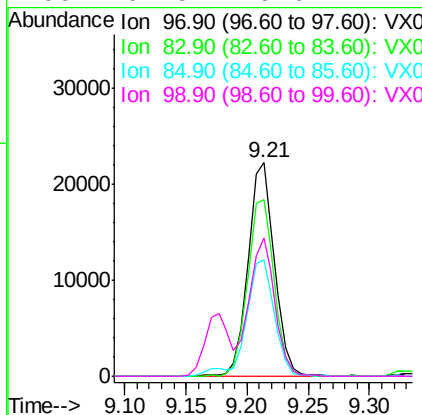
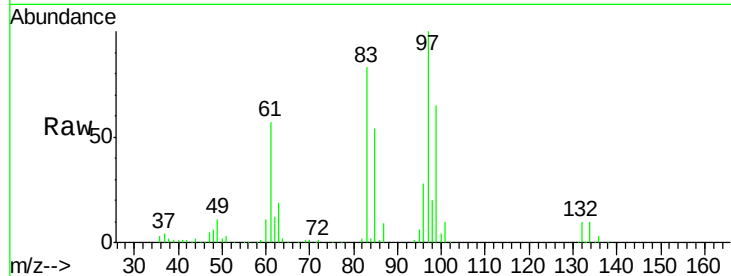
#55  
 1,1,2-Trichloroethane  
 Concen: 18.878 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 33379 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.5  | 67.6  | 101.4 |
| 85       | 54.4  | 43.4  | 65.0  |
| 99       | 64.5  | 49.6  | 74.4  |

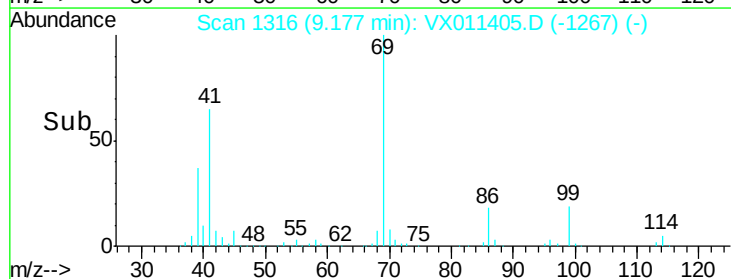
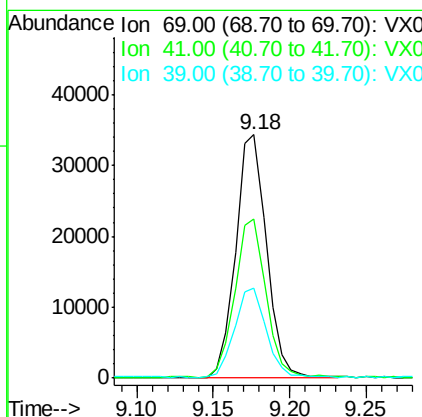
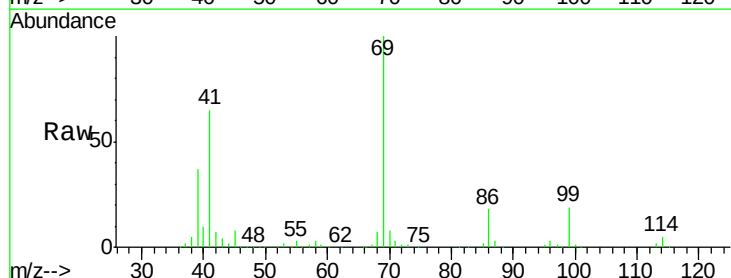
Manual Integrations  
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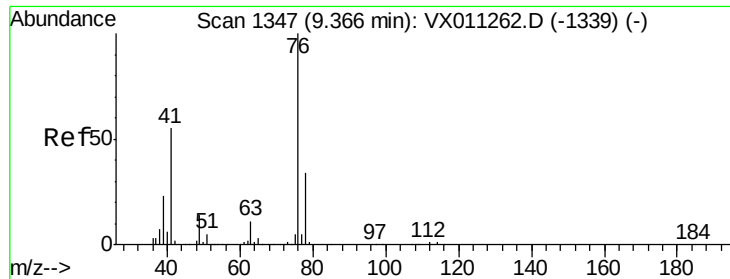


#56  
 Ethyl methacrylate  
 Concen: 19.141 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48228 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.9  | 48.6  | 73.0  |
| 39       | 37.4  | 29.4  | 44.2  |







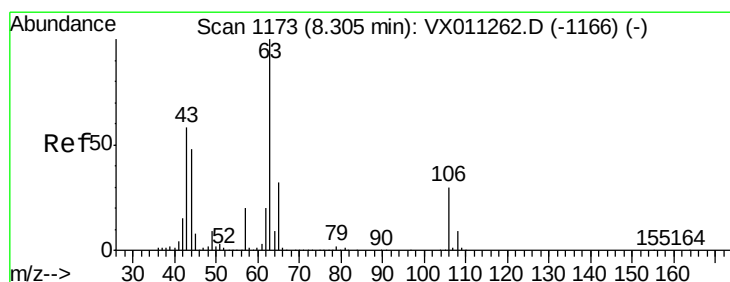
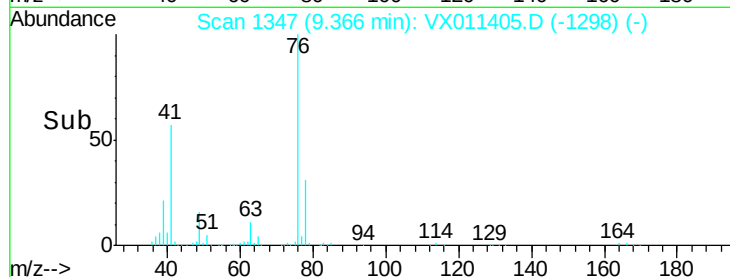
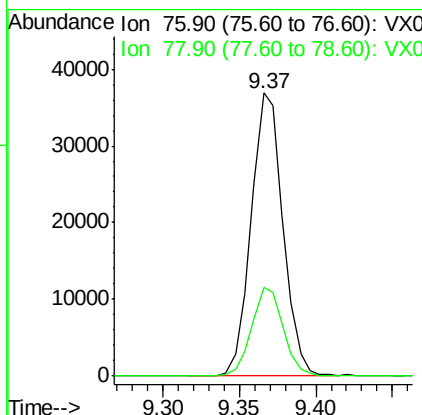
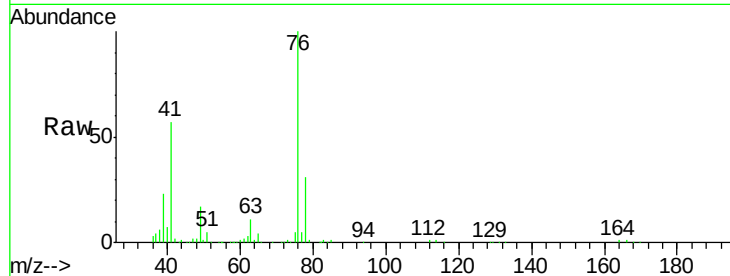
#57  
 1,3-Dichloropropane  
 Concen: 19.089 ug/l  
 RT: 9.37 min Scan# 1347  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.3  | 26.6  | 40.0  |

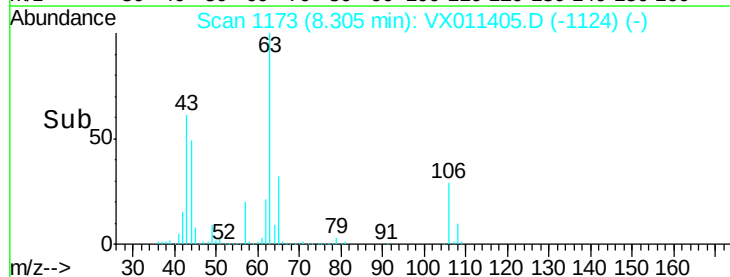
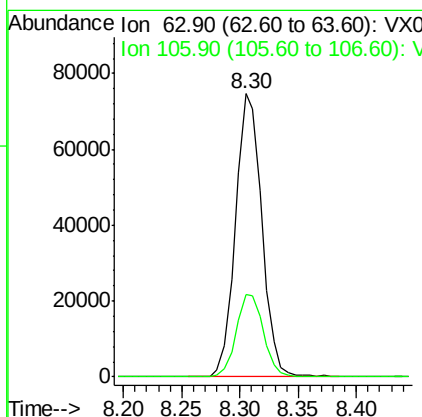
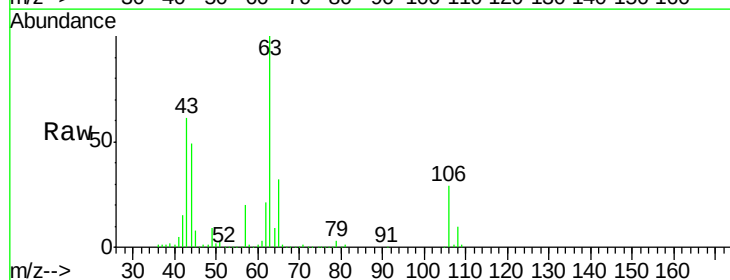
Manual Integrations  
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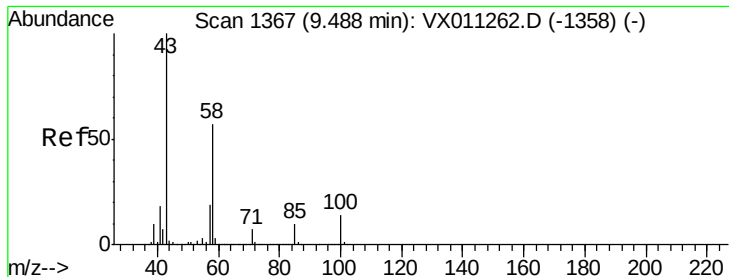
MMDadoda  
 8/12/2019 12:50:08 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 94.976 ug/l  
 RT: 8.30 min Scan# 1173  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.1  | 24.4  | 36.6  |





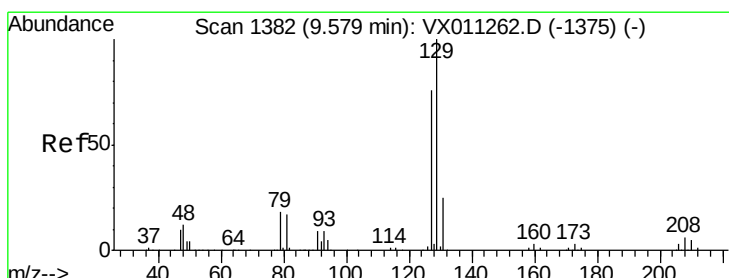
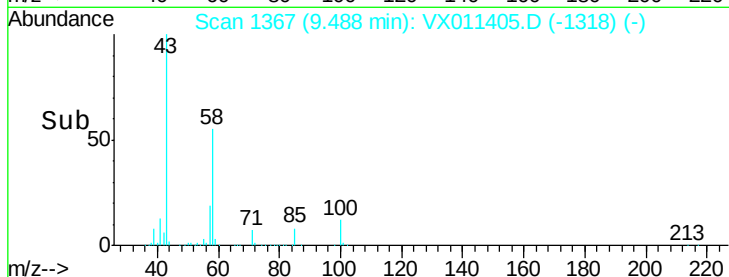
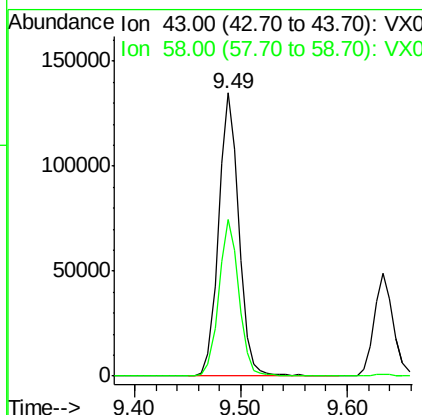
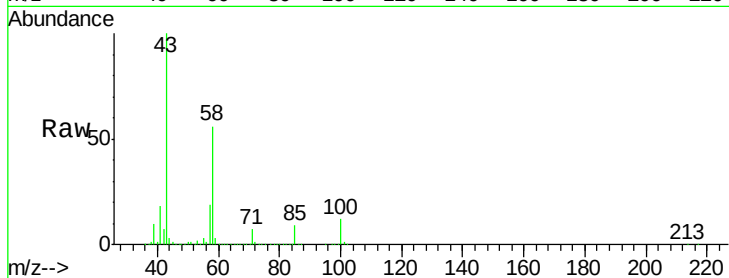
#59  
2-Hexanone  
Concen: 102.248 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 55.1  | 28.2  | 84.6  |

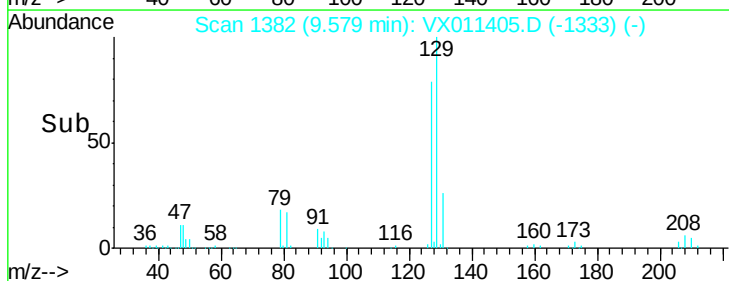
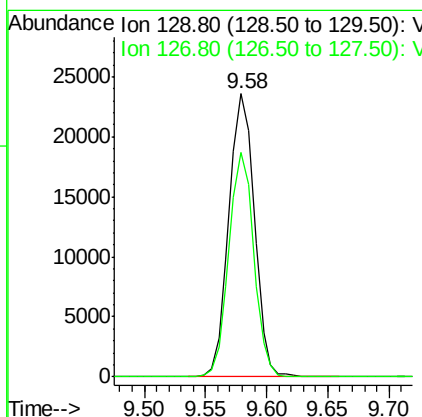
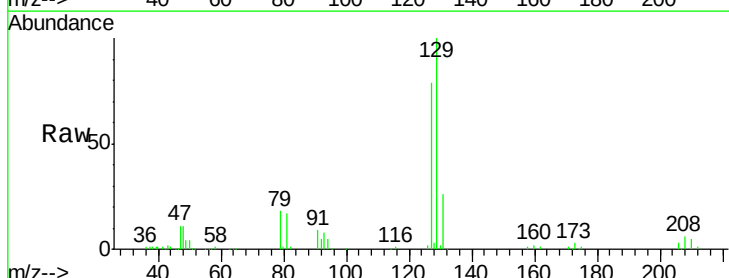
Manual Integrations  
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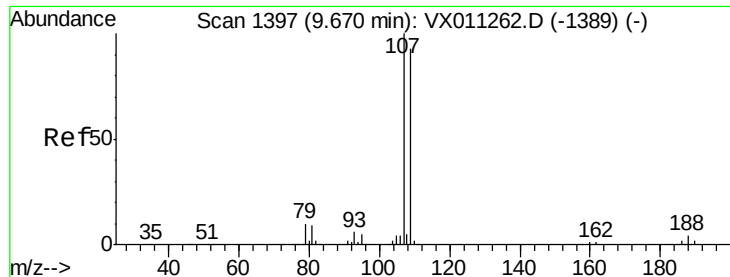
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#60  
Dibromochloromethane  
Concen: 18.855 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.3  | 39.2  | 117.6 |





#61

1,2-Dibromoethane

Concen: 18.856 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion:107 Resp: 36020

Ion Ratio Lower Upper

107 100

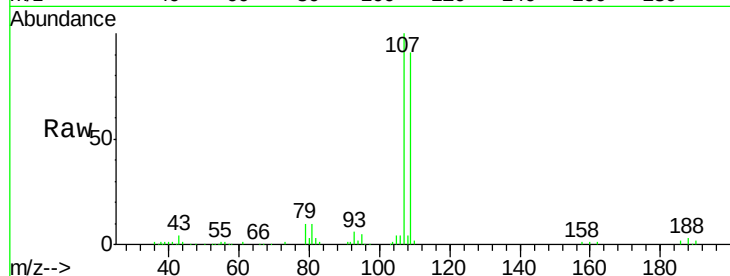
109 93.5 76.6 114.8

Manual Integrations

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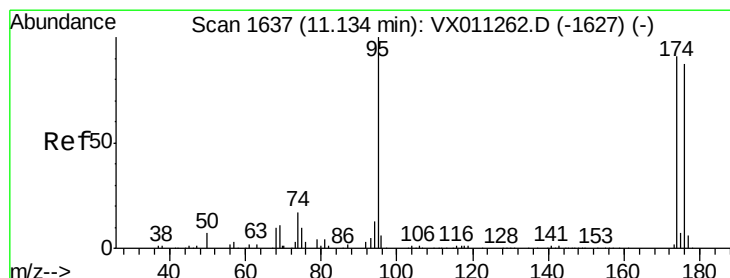
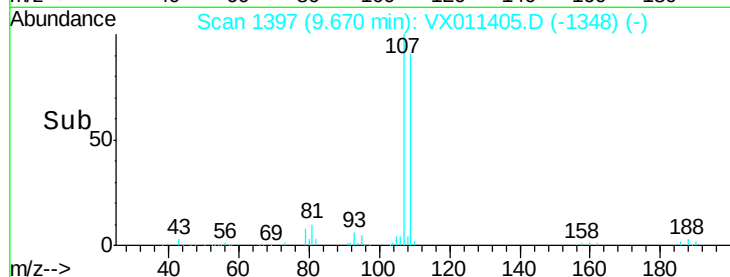
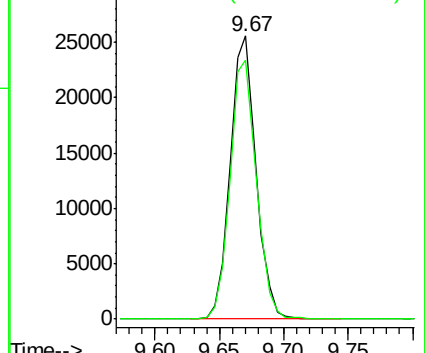
MMDadoda

8/12/2019 12:50:08 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

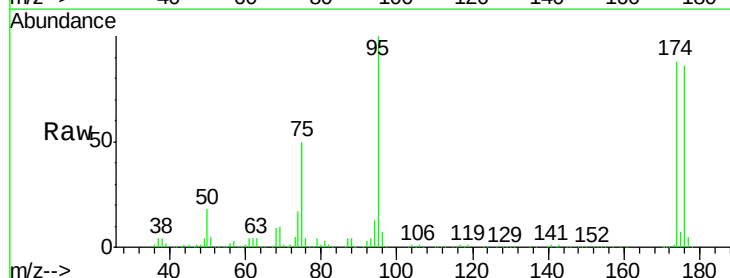
Tgt Ion: 95 Resp: 112313

Ion Ratio Lower Upper

95 100

174 89.8 0.0 191.2

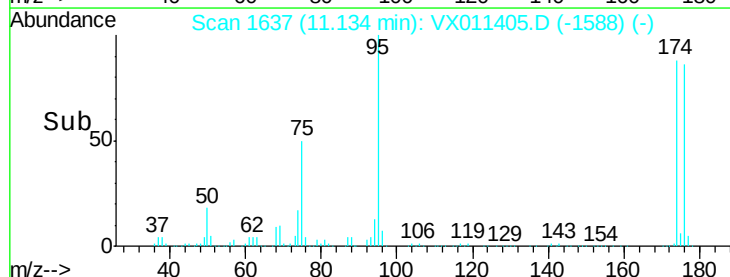
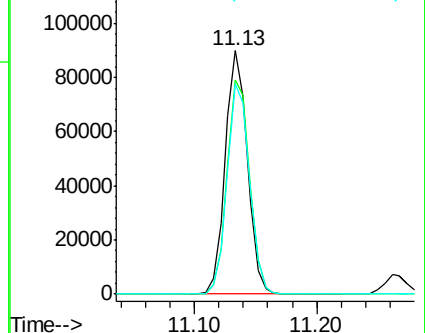
176 87.7 0.0 184.8

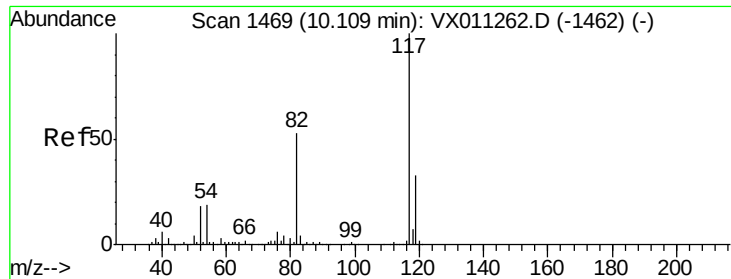


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





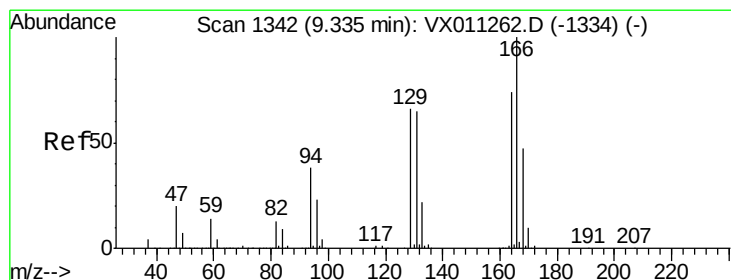
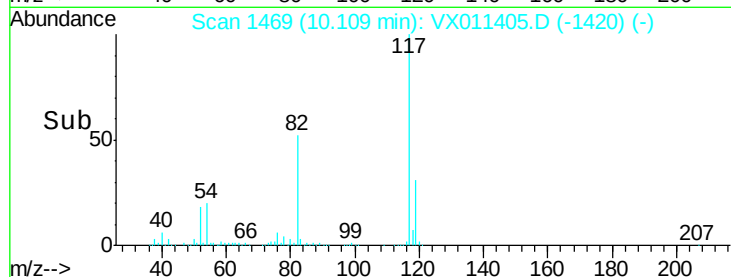
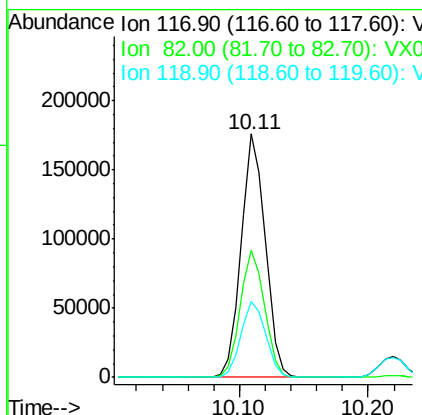
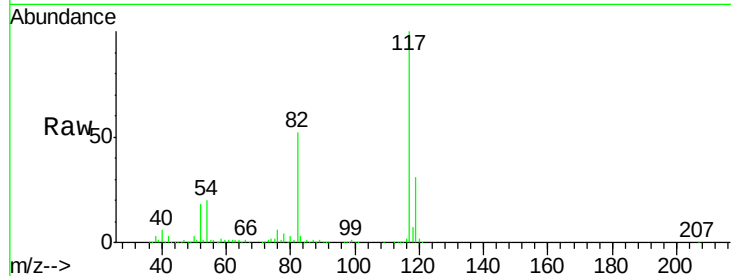
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 228510 |       |       |
| 82      | 52.3  |        | 42.2  | 63.2  |
| 119     | 31.3  |        | 26.6  | 39.8  |

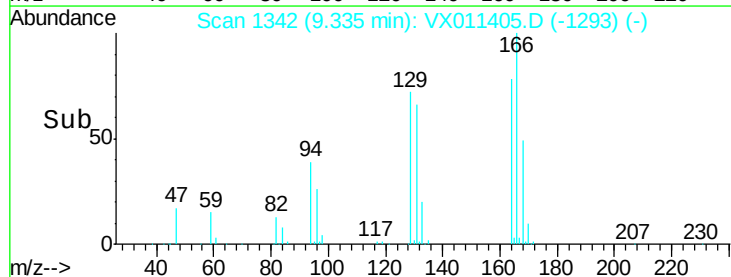
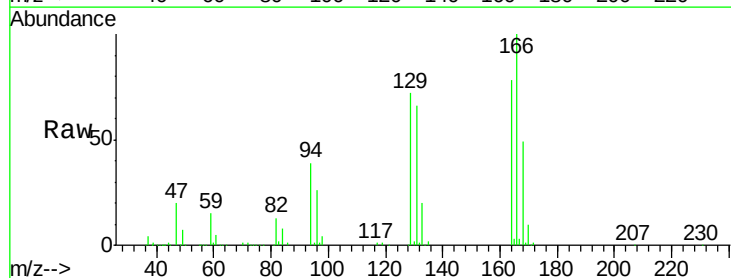
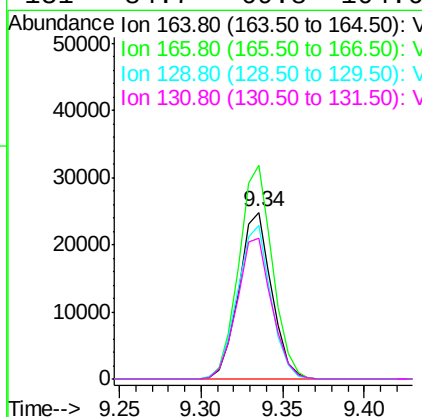
Manual Integrations  
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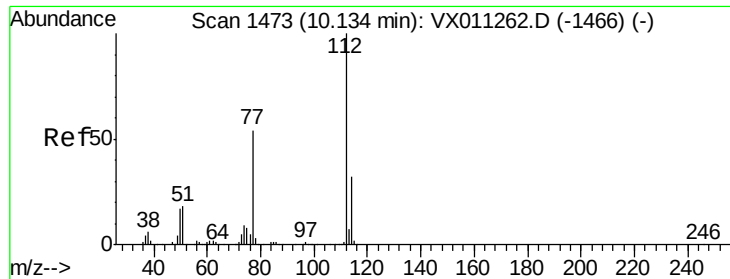
MMDadoda  
8/12/2019 12:50:08 PM



#64  
Tetrachloroethene  
Concen: 18.025 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 34980 |       |       |
| 166     | 127.9 |       | 107.5 | 161.3 |
| 129     | 91.9  |       | 71.0  | 106.4 |
| 131     | 84.7  |       | 69.8  | 104.6 |





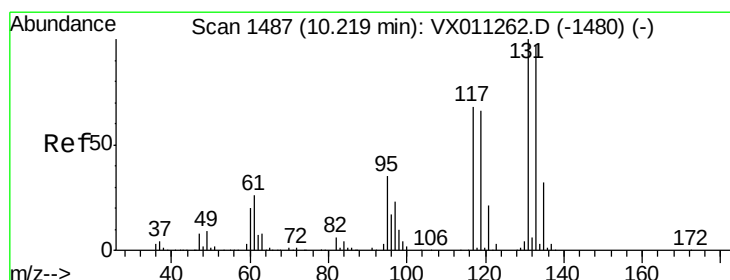
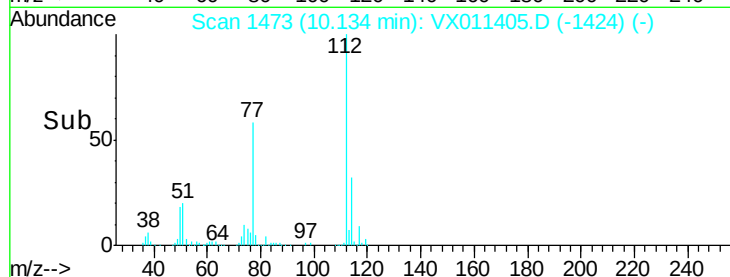
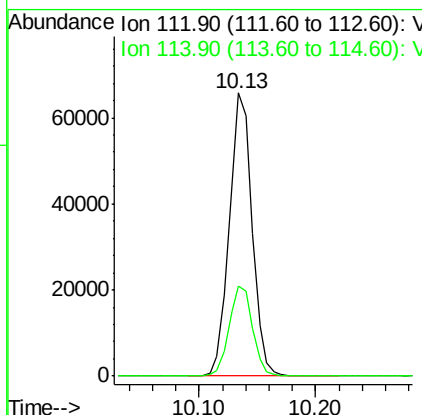
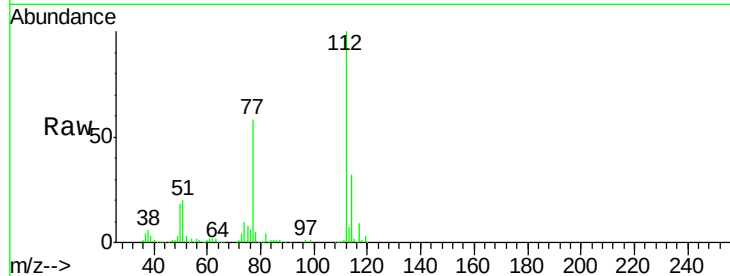
#65  
Chlorobenzene  
Concen: 18.284 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.7  | 25.9  | 38.9  |

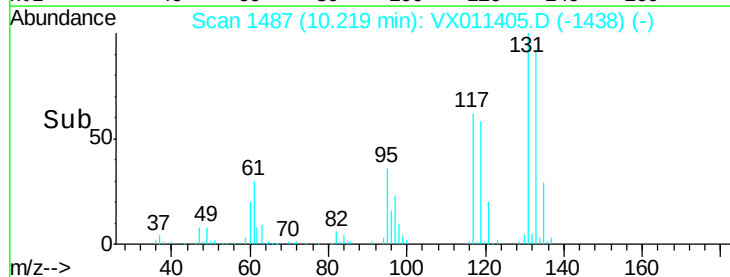
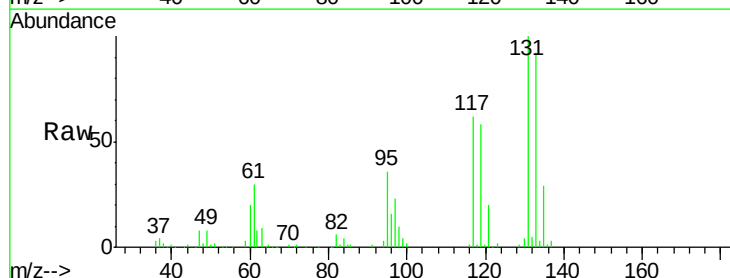
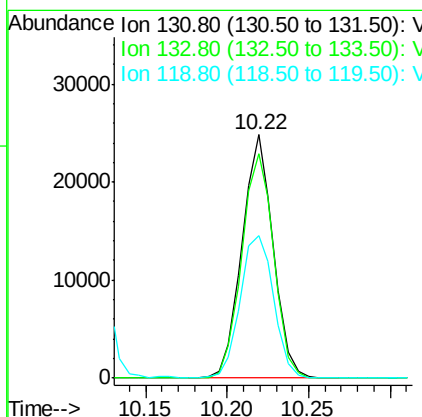
Manual Integrations  
APPROVED

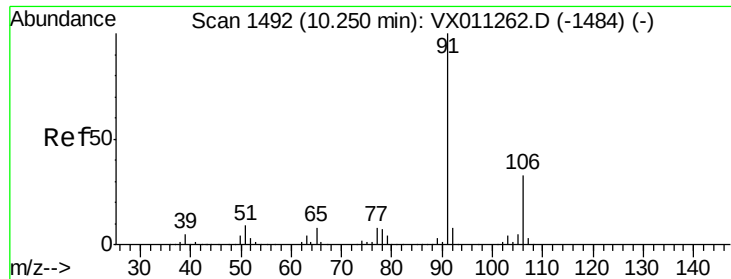
MMDadoda  
8/12/2019 12:50:08 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.694 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.4  | 47.7  | 143.1 |
| 119     | 63.1  | 32.8  | 98.3  |





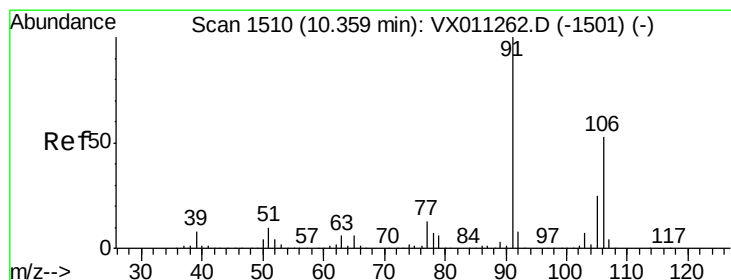
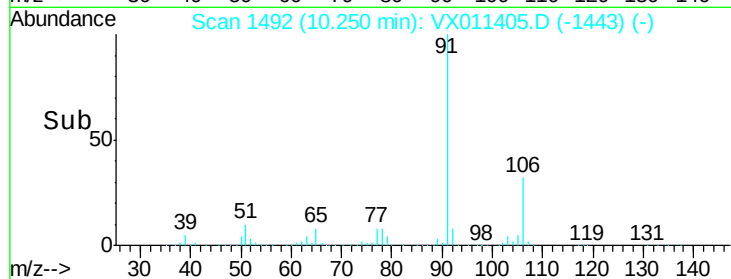
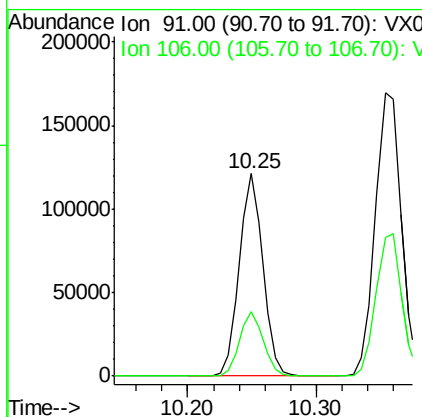
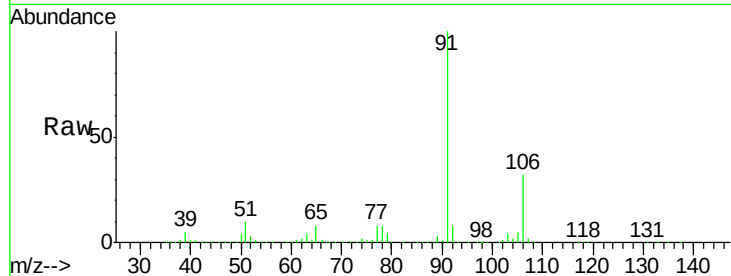
#67  
Ethyl Benzene  
Concen: 18.783 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

Tot Ion: 91 Resp: 154122  
Ion Ratio Lower Upper  
91 100  
106 31.8 26.2 39.4

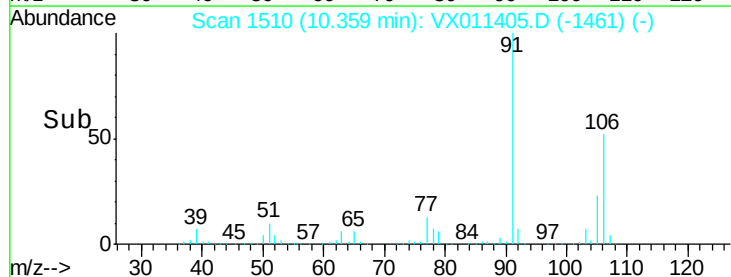
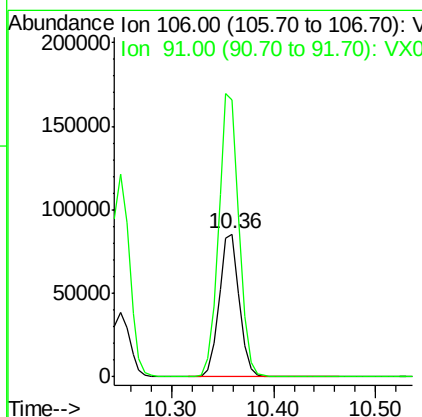
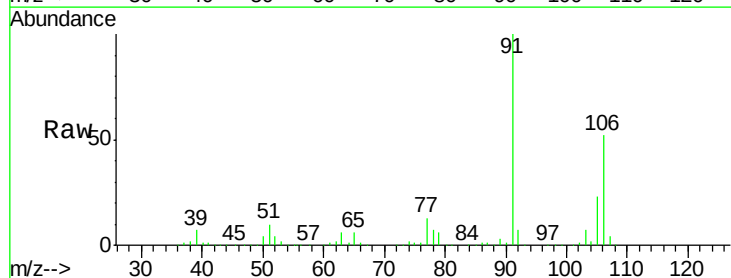
Manual Integrations  
APPROVED

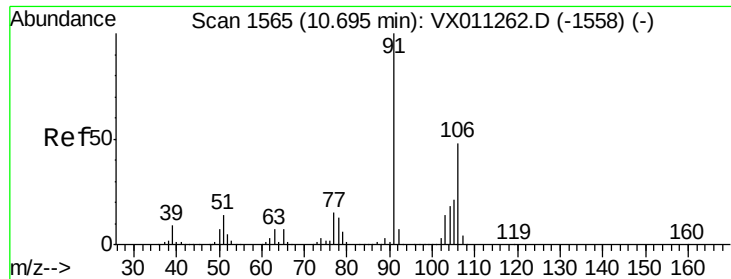
MMDadoda  
8/12/2019 12:50:08 PM



#68  
m/p-Xylenes  
Concen: 37.245 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Tgt Ion: 106 Resp: 118211  
Ion Ratio Lower Upper  
106 100  
91 199.5 155.9 233.9





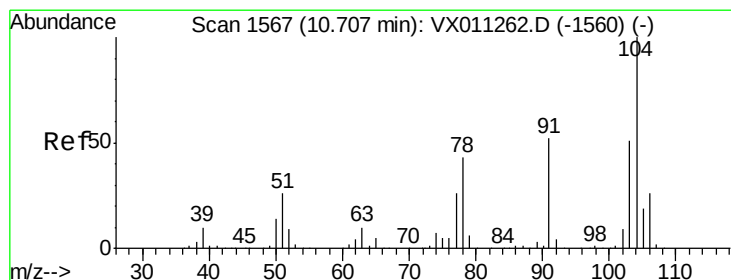
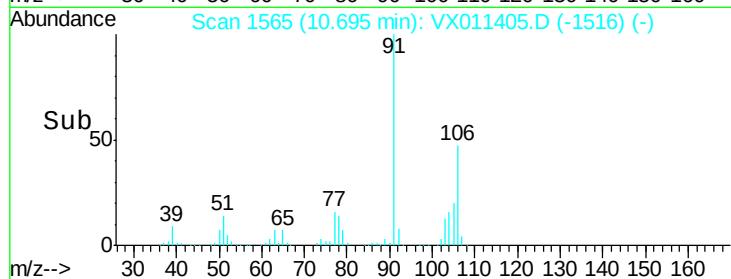
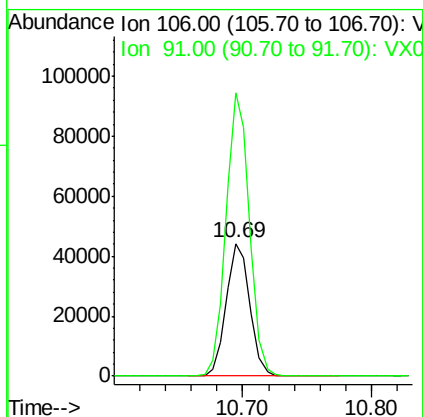
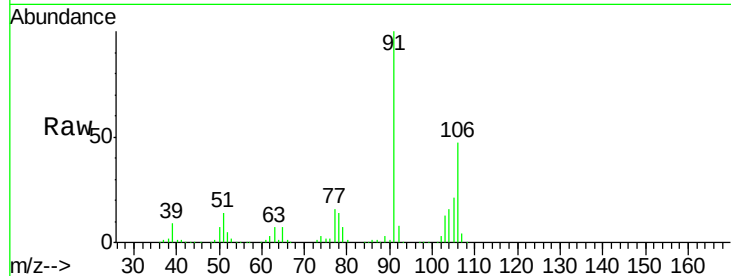
#69  
o-Xylene  
Concen: 18.336 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0809WBS02

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 211.9 | 103.8 | 57181 | 311.3 |       |

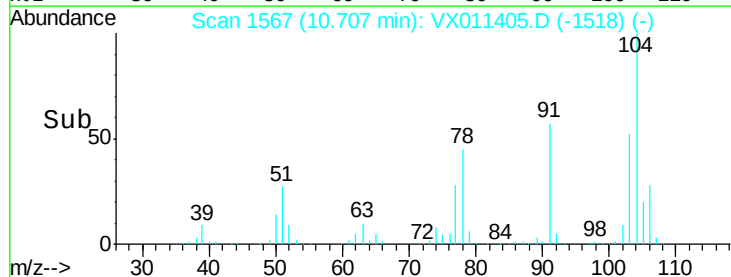
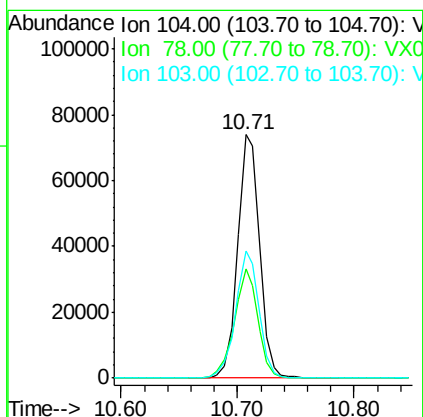
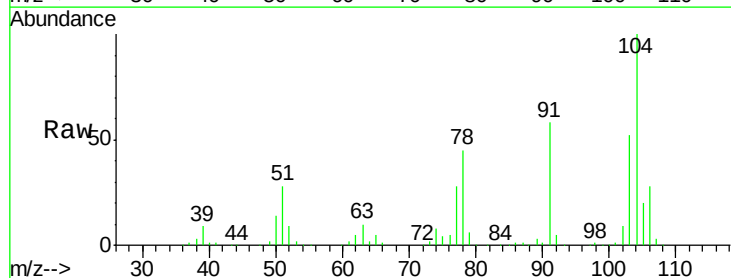
Manual Integrations  
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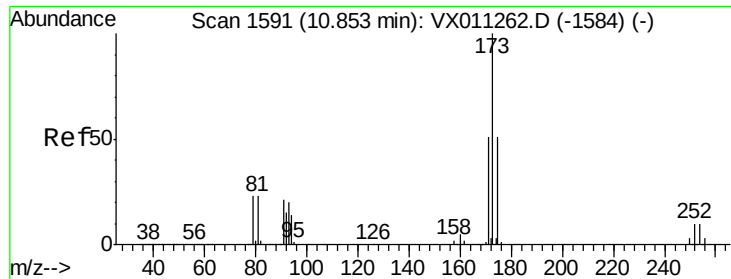
MMDadoda  
8/12/2019 12:50:08 PM



#70  
Styrene  
Concen: 18.847 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 104     | 100  |       |       |       |       |
| 78      | 48.1 | 36.9  | 97250 | 55.3  |       |
| 103     | 55.6 | 44.4  |       | 66.6  |       |





#71

Bromoform

Concen: 18.535 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

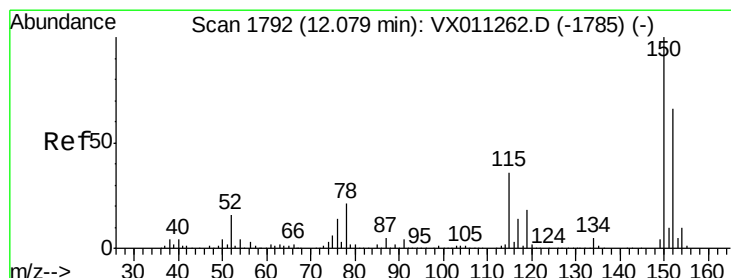
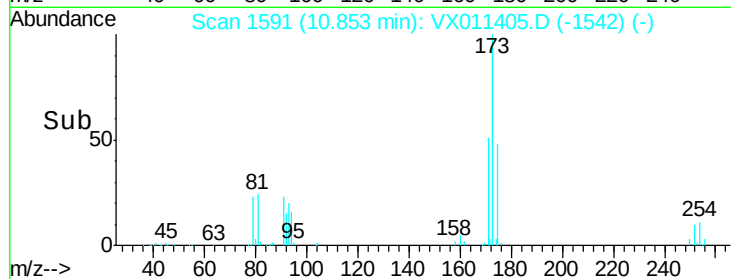
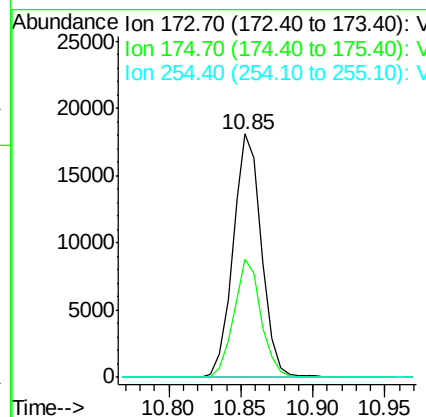
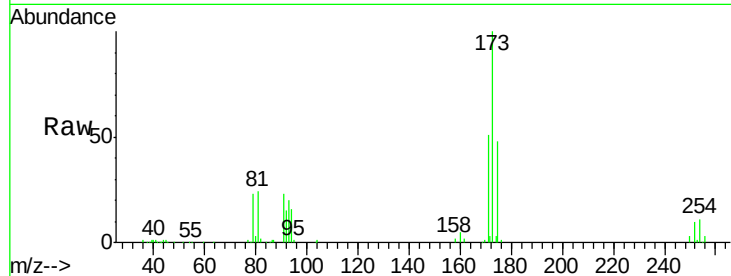
ClientSampleId :

VX0809WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 24961 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 46.6  | 24.4  | 73.4  |
| 254       | 0.2   | 0.2   | 0.2   |

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8/12/2019 12:50:08 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

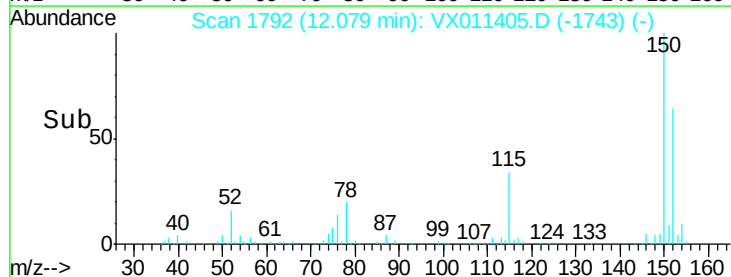
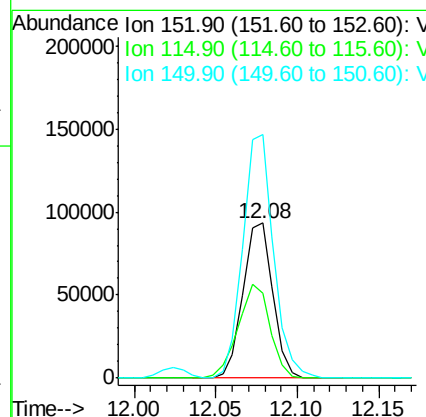
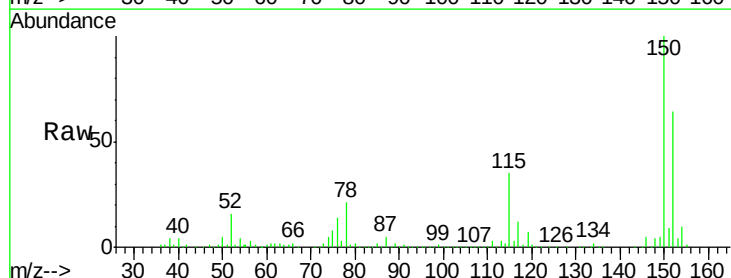
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

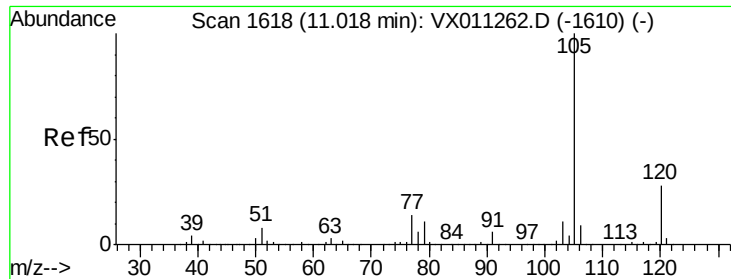
Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 119297 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.9  | 40.0  | 119.9  |
| 150       | 162.0 | 0.0   | 350.4  |







#73

Isopropylbenzene

Concen: 19.094 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampled :

VX0809WBS02

Tot Ion: 105 Resp: 155788

Ion Ratio Lower Upper

105 100

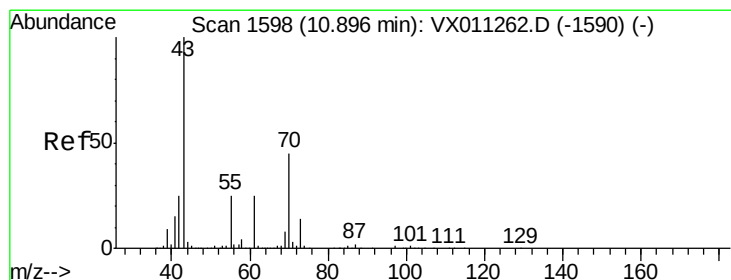
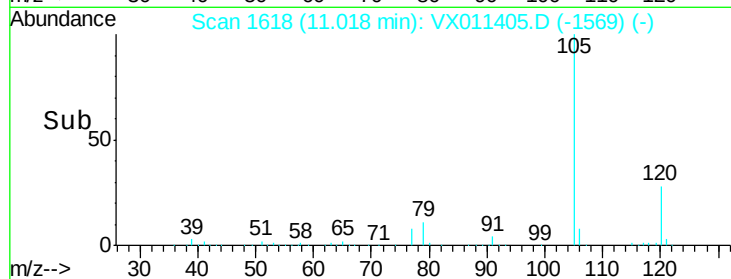
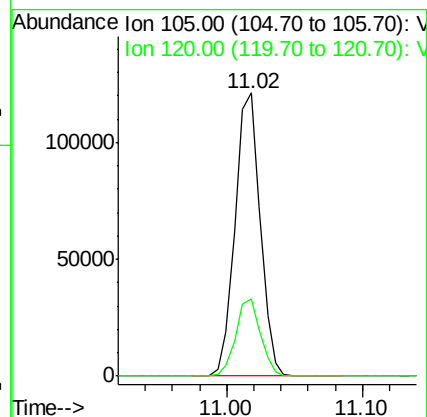
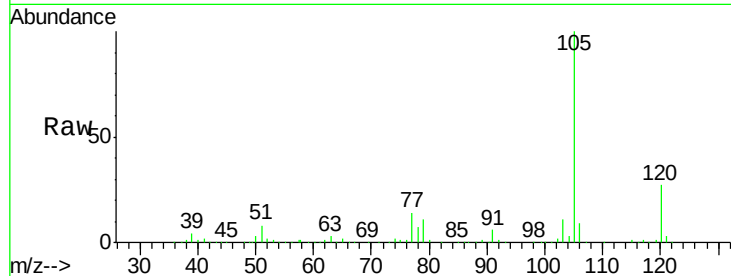
120 27.0 13.7 41.1

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#74

N-ethyl acetate

Concen: 20.118 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Tgt Ion: 43 Resp: 59311

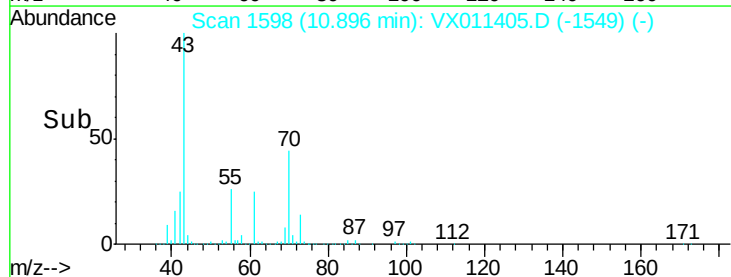
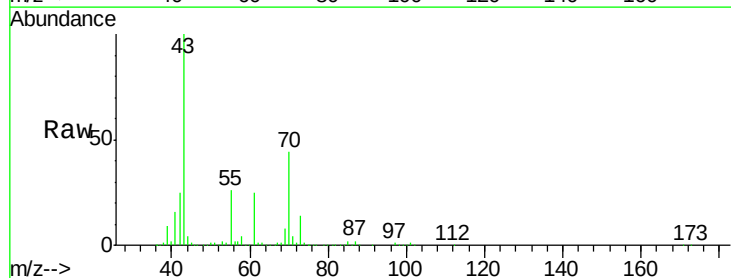
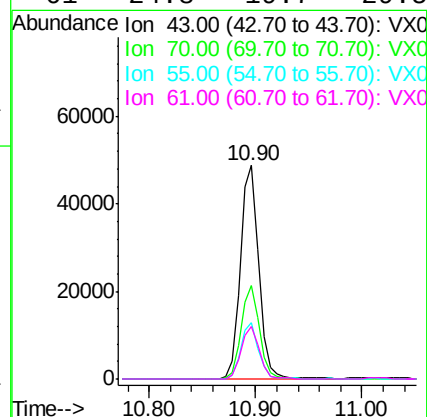
Ion Ratio Lower Upper

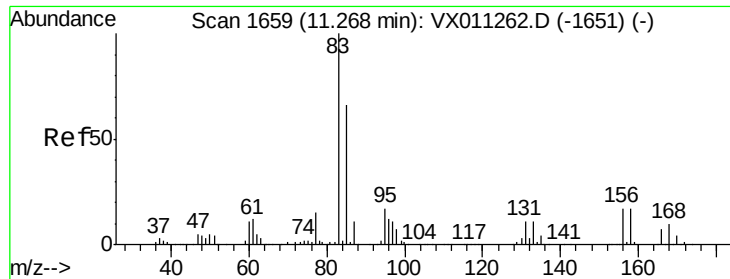
43 100

70 43.6 35.9 53.9

55 26.3 19.8 29.6

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.617 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

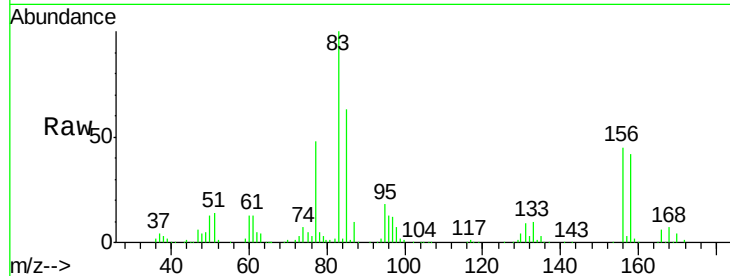
ClientSampleId :

VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 53340 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.0  | 5.6   | 16.8  |
| 85       | 64.3  | 32.1  | 96.5  |

Manual Integrations  
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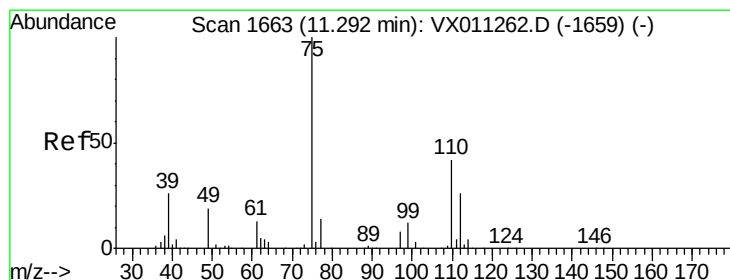
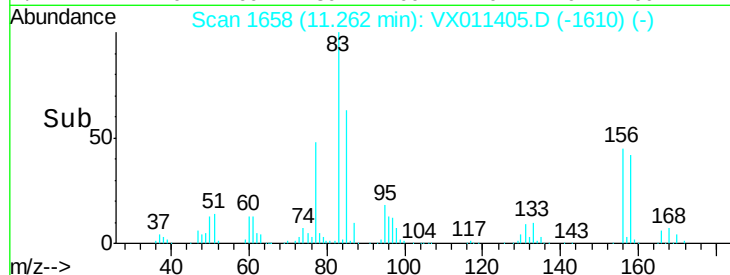
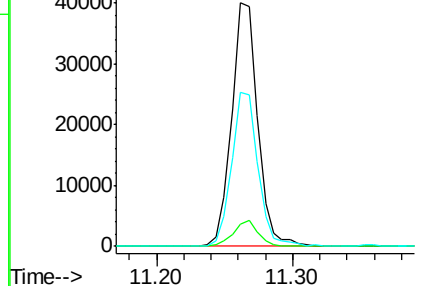
MMDadoda  
8/12/2019 12:50:08 PM



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: 20.451 ug/l m

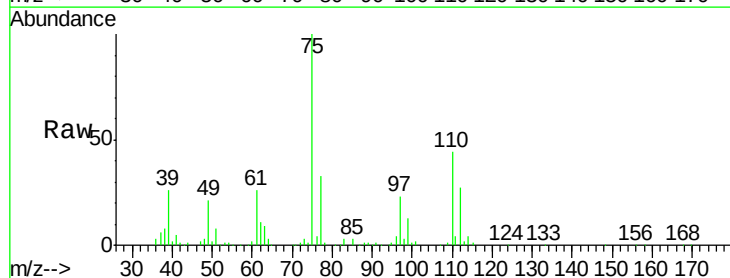
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011405.D

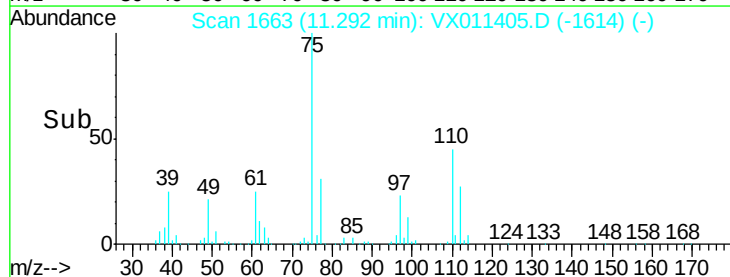
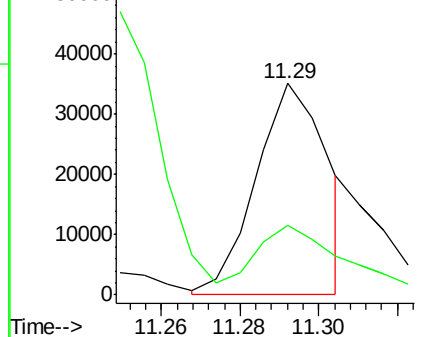
Acq: 09 Aug 2019 13:22

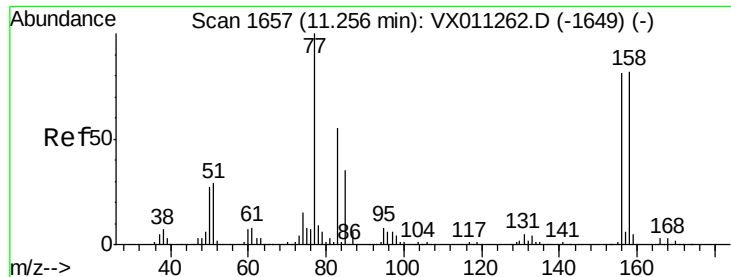
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 44431 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 41.7  | 21.1  | 63.4  |



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.815 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

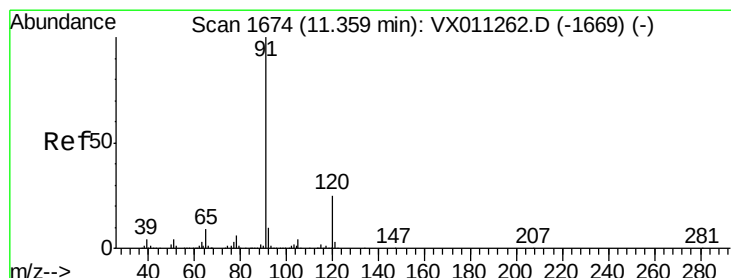
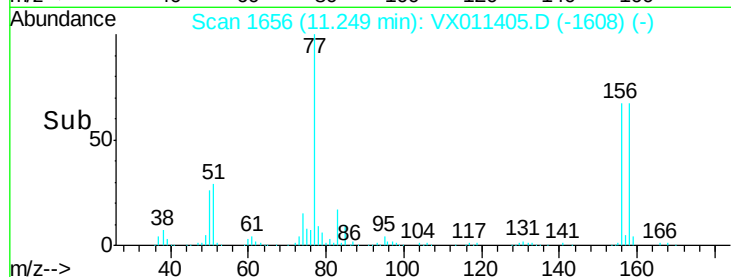
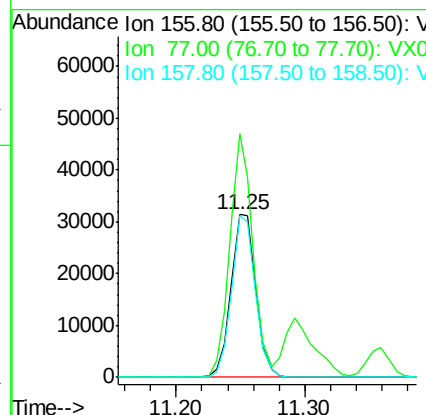
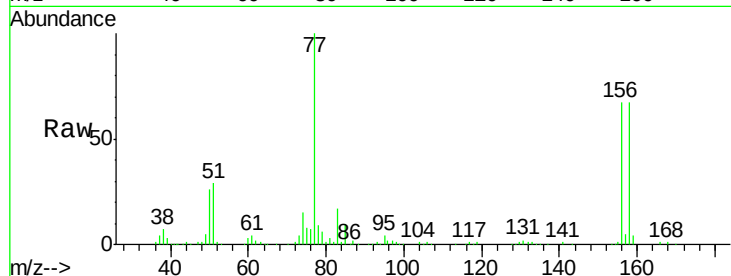
ClientSampleId :

VX0809WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 42568 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 138.8 | 66.2  | 198.6 |
| 158      | 95.4  | 49.1  | 147.3 |

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#78

n-propylbenzene

Concen: 19.076 ug/l

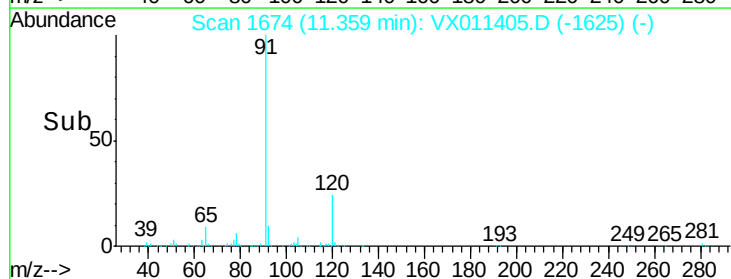
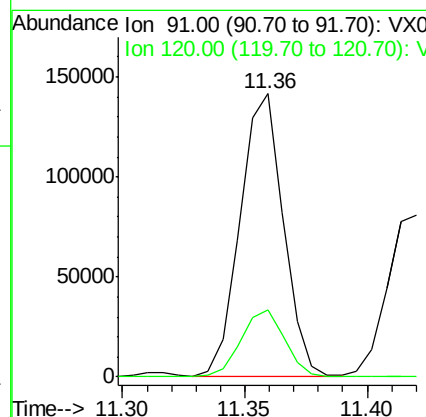
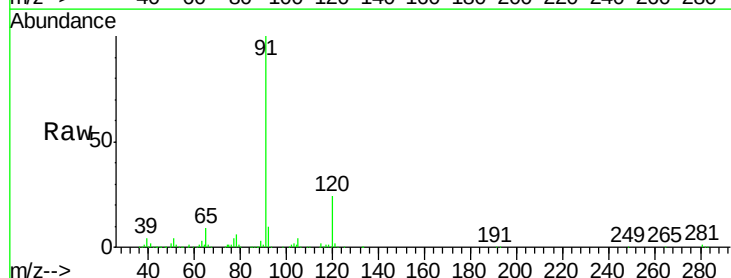
RT: 11.36 min Scan# 1674

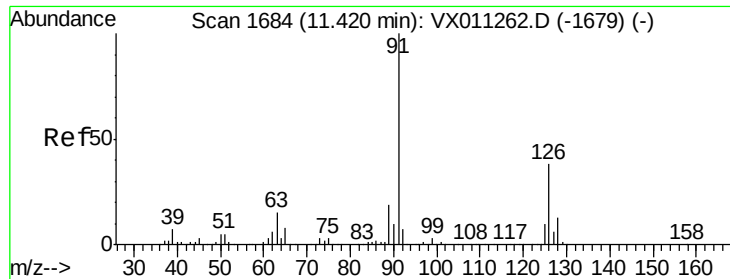
Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 173082 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 23.9  | 12.4  | 37.0   |





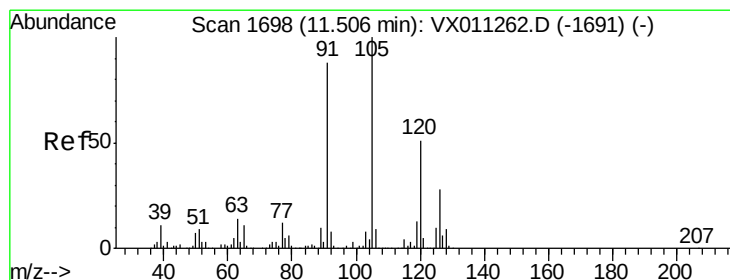
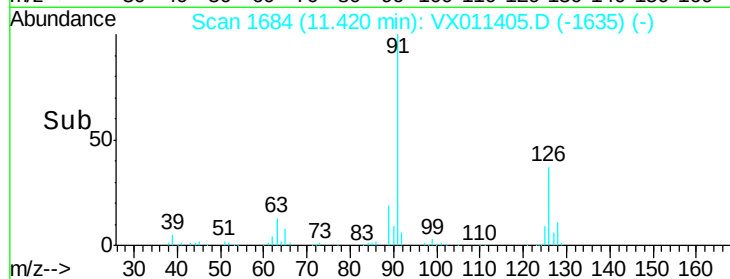
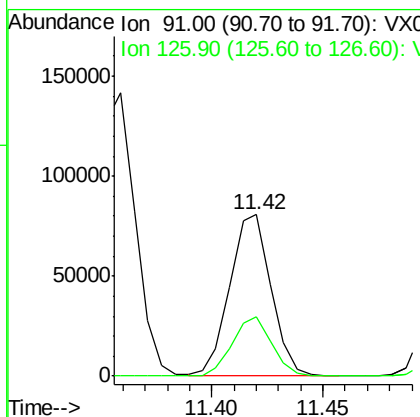
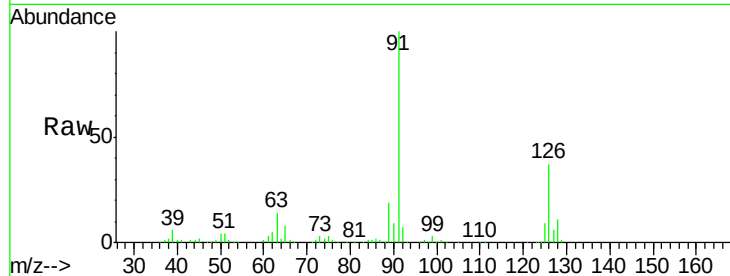
#79  
 2-Chlorotoluene  
 Concen: 19.247 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.7  | 18.5  | 55.5  |

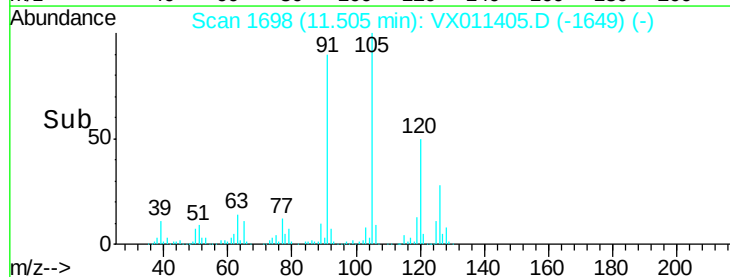
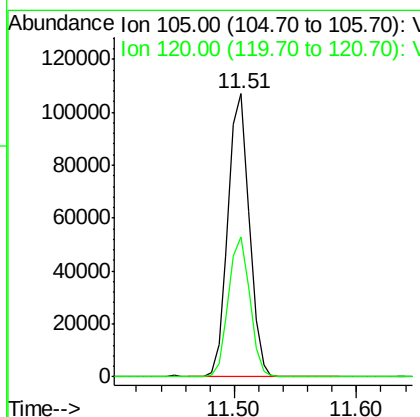
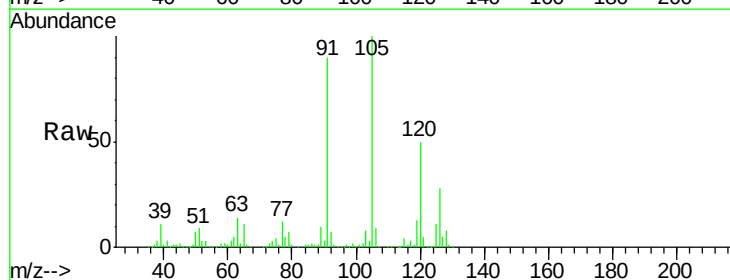
Manual Integrations  
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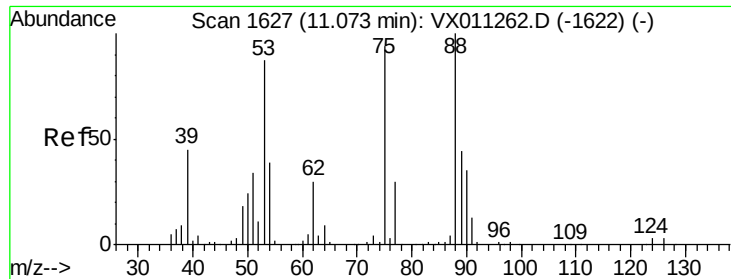
MMDadoda  
 8/12/2019 12:50:08 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.896 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.7  | 25.1  | 75.2  |





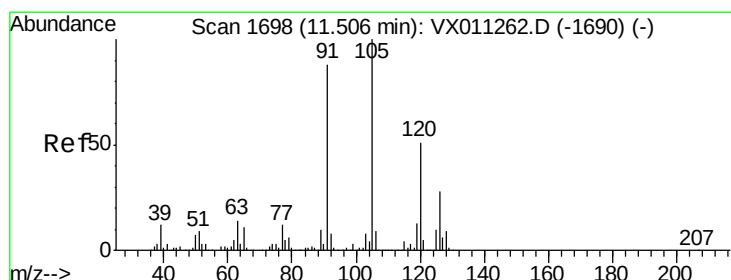
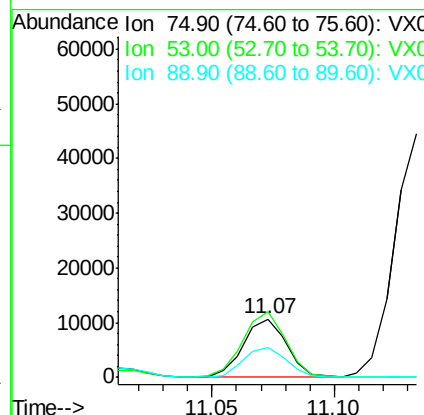
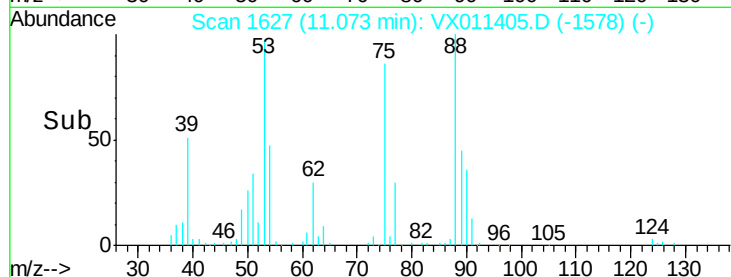
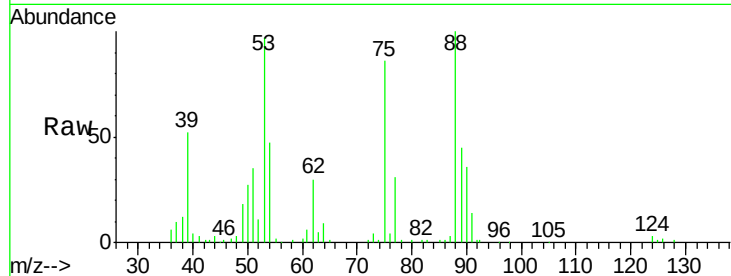
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.199 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 110.9 | 78.2  | 117.4 |
| 89      | 52.8  | 37.9  | 56.9  |

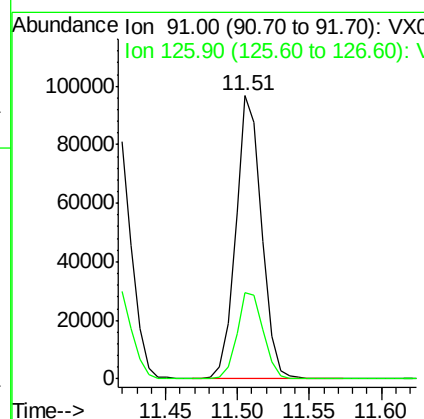
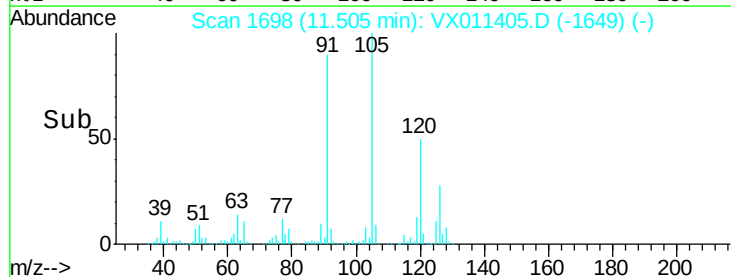
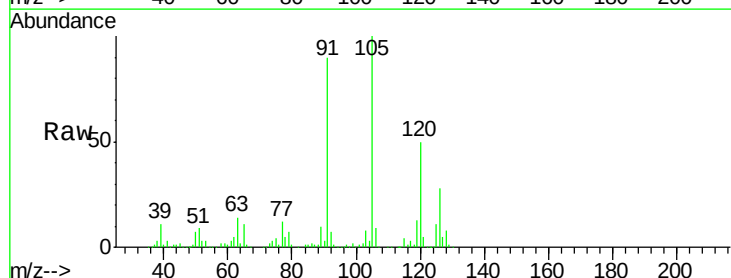
Manual Integrations  
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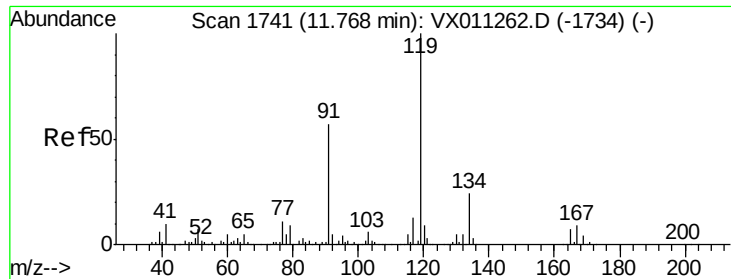
MMDadoda  
8/12/2019 12:50:08 PM



#82  
4-Chlorotoluene  
Concen: 19.152 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.4  | 16.4  | 49.2  |





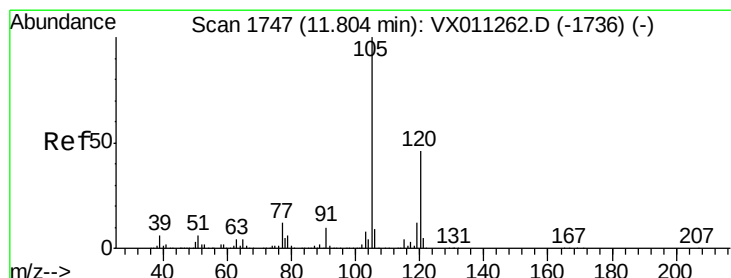
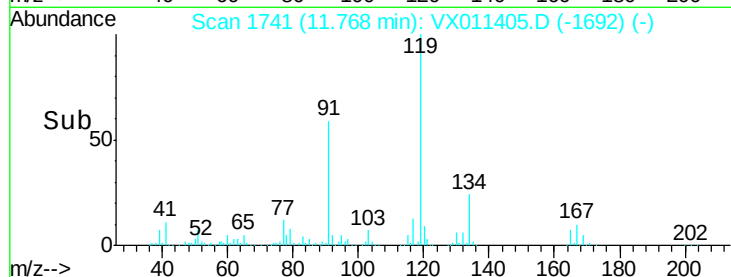
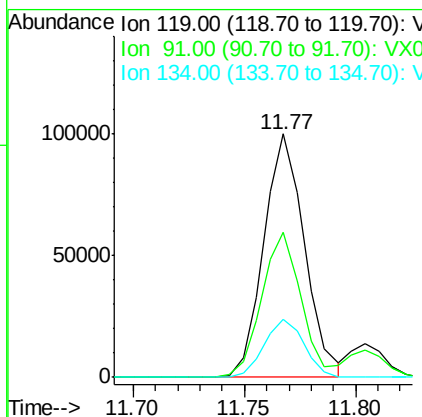
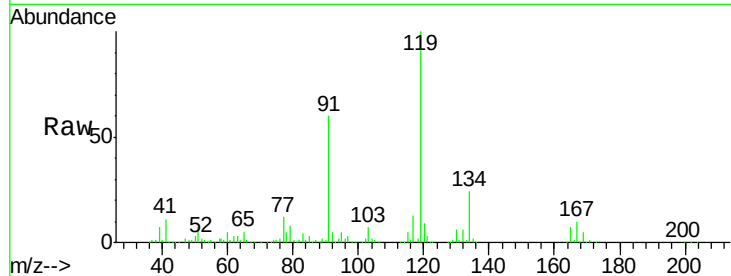
#83  
 tert-Butylbenzene  
 Concen: 18.968 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0809WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 127062 |       |       |
| 91      | 58.3  | 28.0   | 84.0  |       |
| 134     | 23.4  | 11.9   | 35.5  |       |

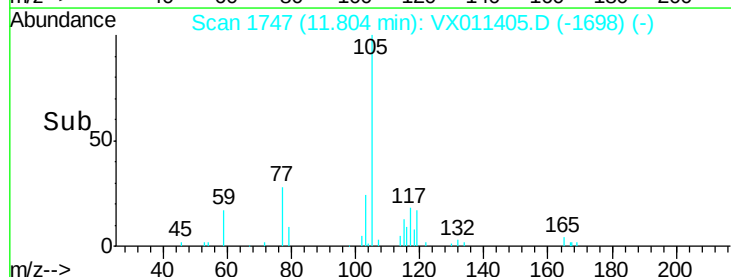
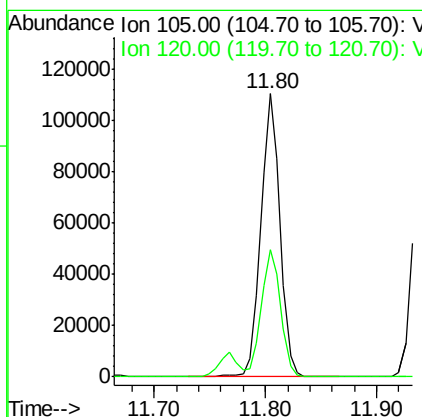
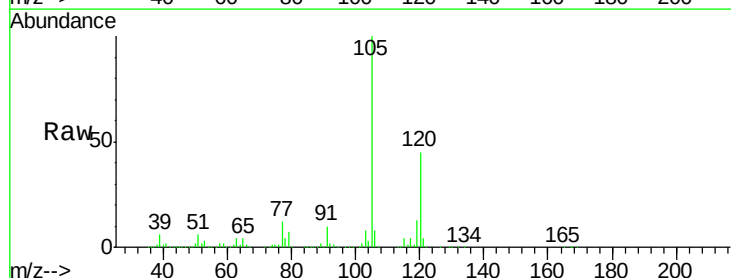
Manual Integrations  
 APPROVED

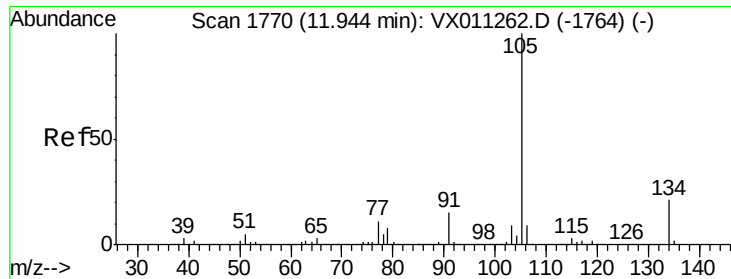
MMDadoda  
 8/12/2019 12:50:08 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.556 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 132985 |       |       |
| 120     | 45.7  | 23.0   | 69.0  |       |





#85

sec-Butylbenzene

Concen: 18.679 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

ClientSampleId :

VX0809WBS02

Tot Ion:105 Resp: 150332

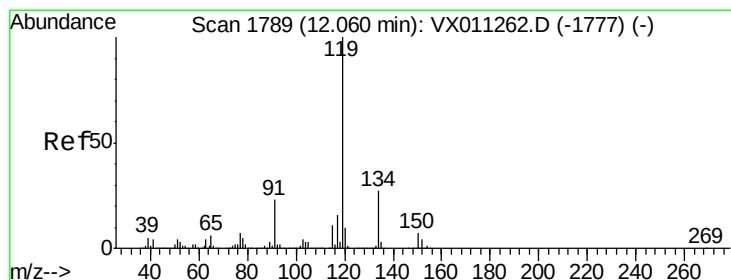
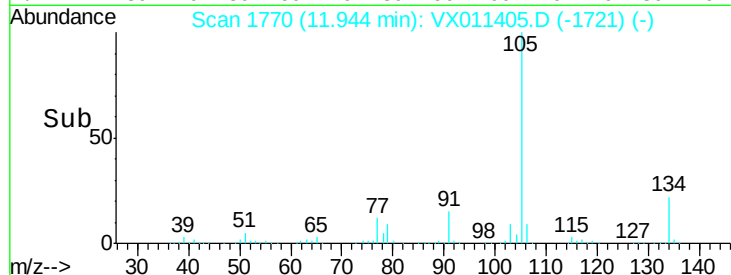
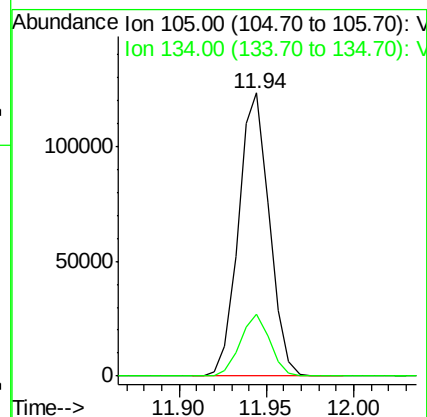
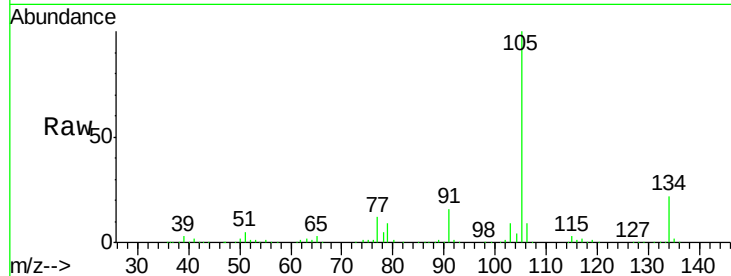
Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 18.669 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

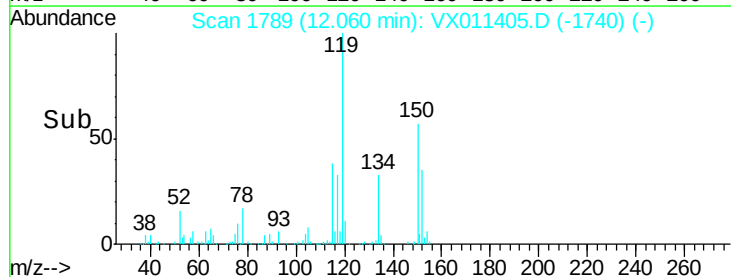
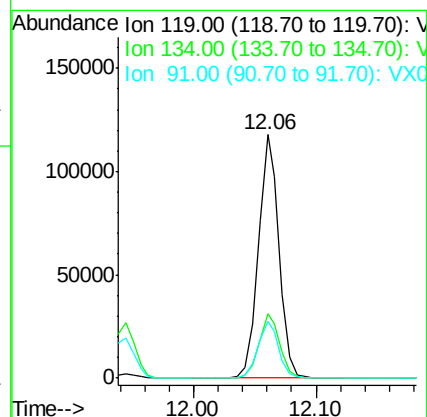
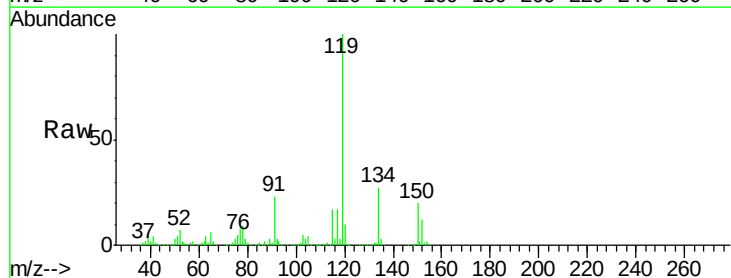
Tgt Ion:119 Resp: 138224

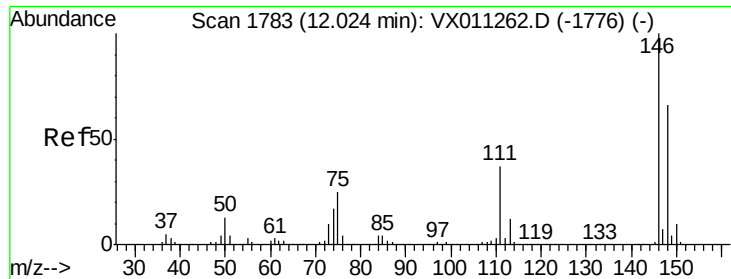
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 23.6 11.4 34.2





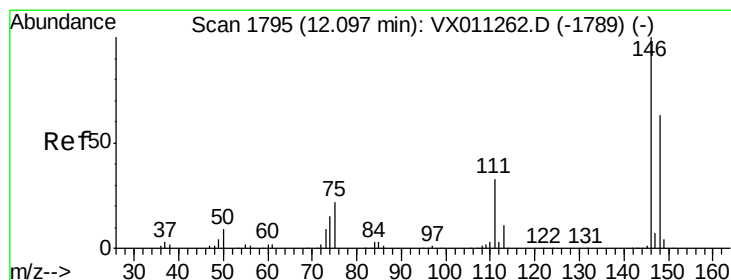
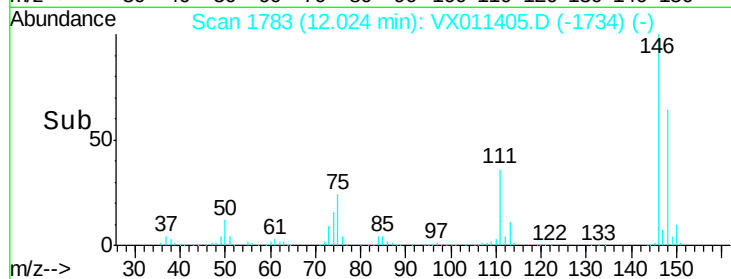
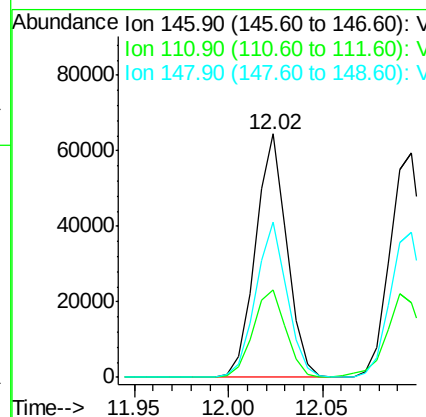
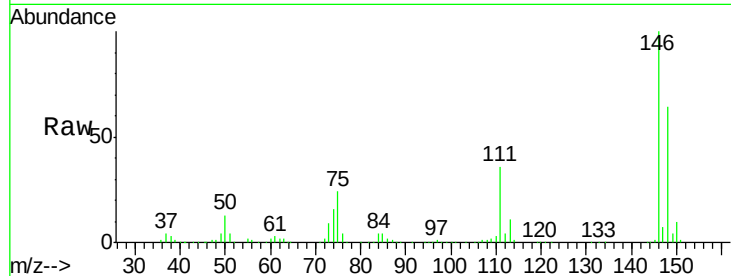
#87  
 1,3-Dichlorobenzene  
 Concen: 18.591 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.6  | 55.8  |
| 148     | 63.6  | 32.5  | 97.5  |

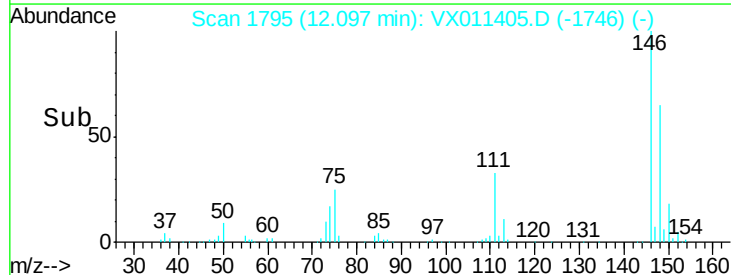
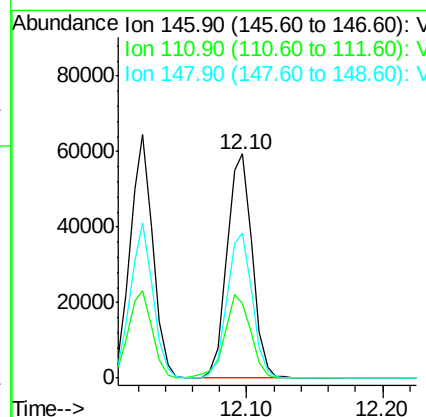
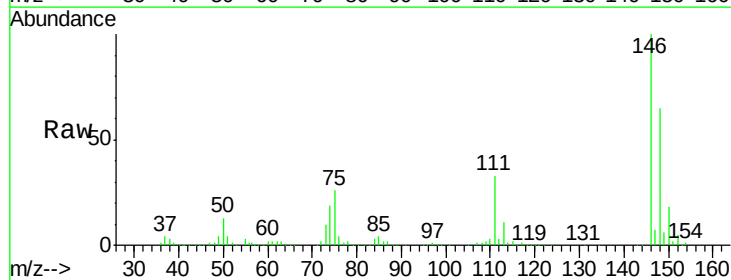
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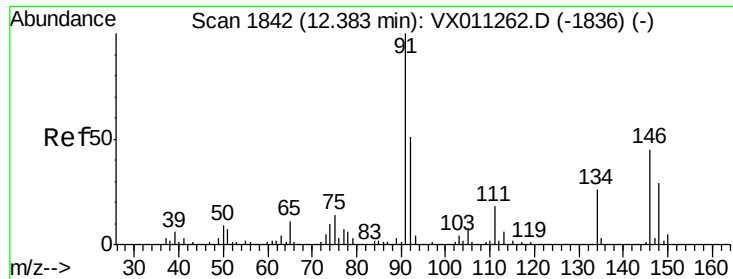


#88  
 1,4-Dichlorobenzene  
 Concen: 18.448 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 17.8  | 53.4  |
| 148     | 64.6  | 31.8  | 95.3  |







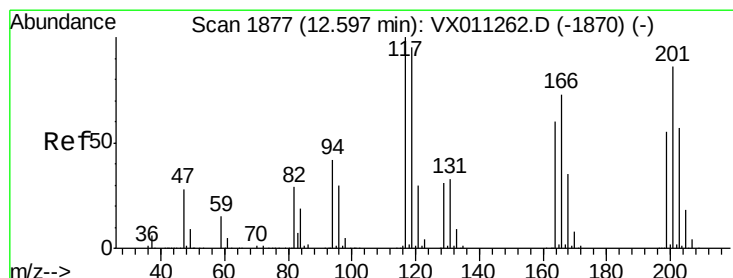
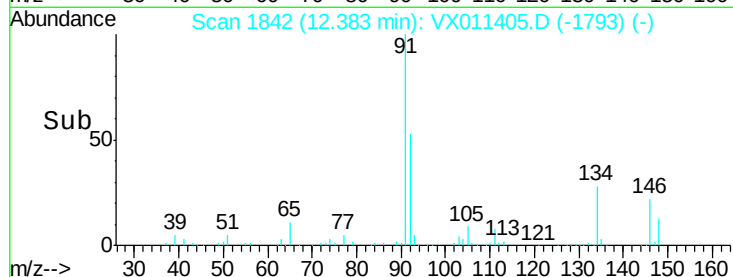
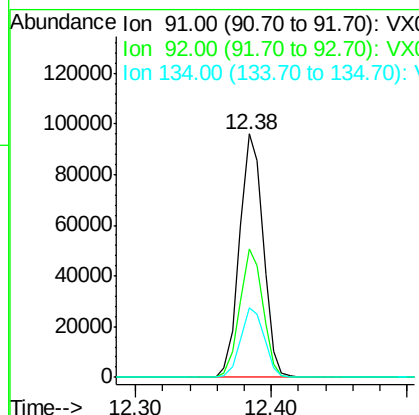
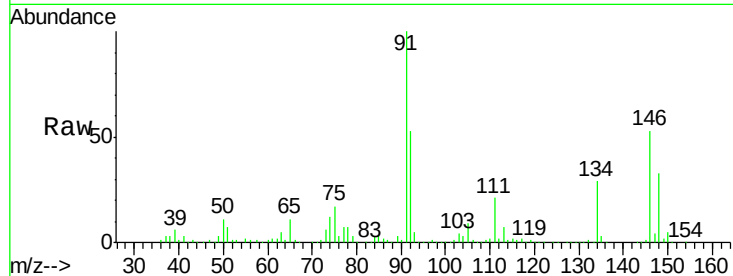
#89  
n-Butylbenzene  
Concen: 18.242 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0809WBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 51.7  | 25.8 | 77.3  |       |
| 134     | 28.4  | 13.7 | 41.0  |       |

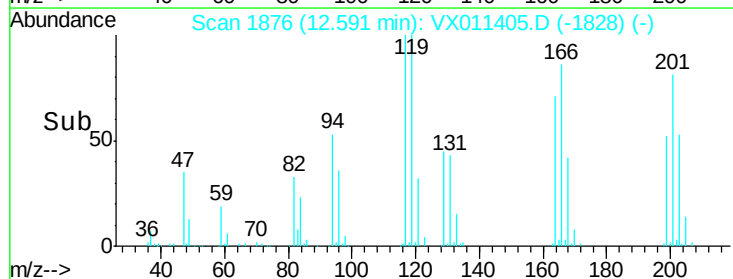
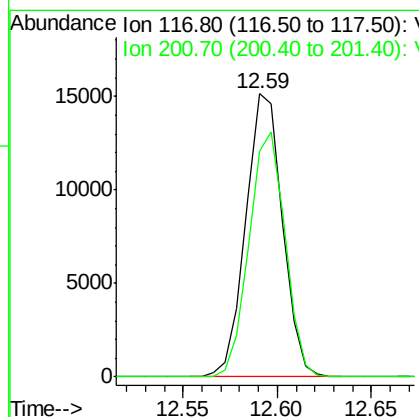
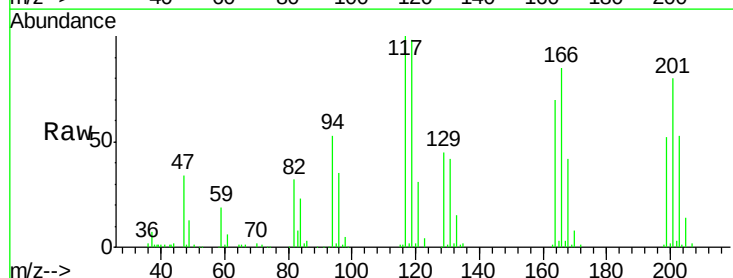
Manual Integrations  
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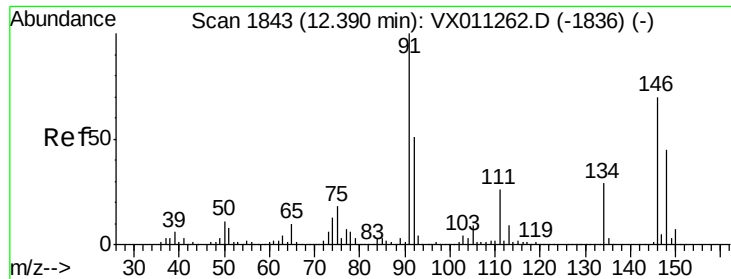
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.719 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX011405.D  
Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 84.8  | 41.8 | 125.4 |       |





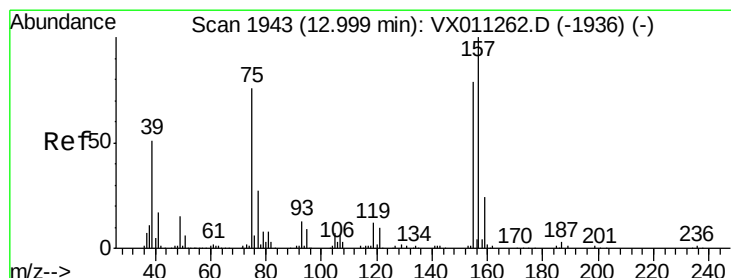
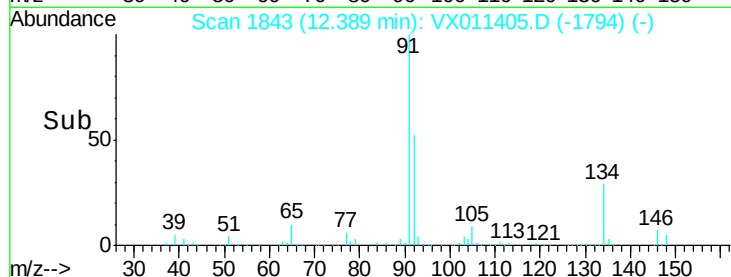
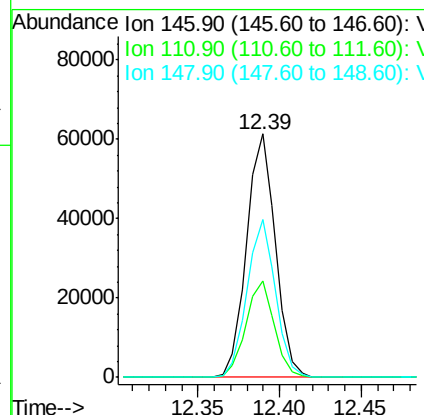
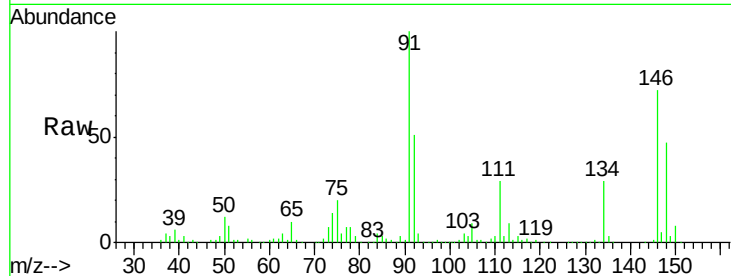
#91  
 1,2-Dichlorobenzene  
 Concen: 18.882 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.1  | 57.1  |
| 148     | 63.7  | 32.3  | 96.8  |

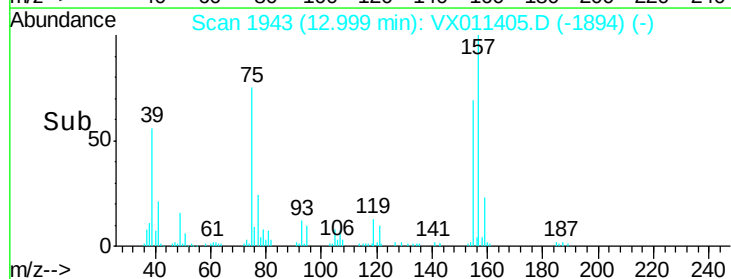
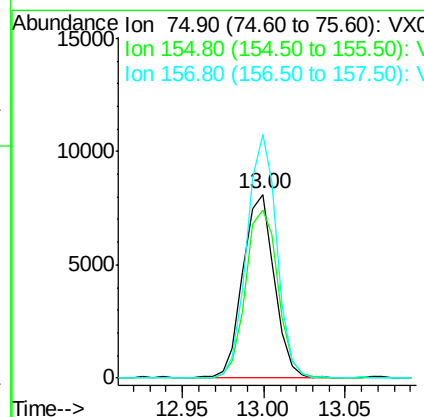
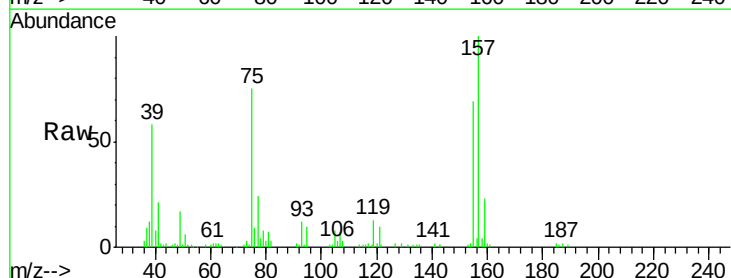
Manual Integrations  
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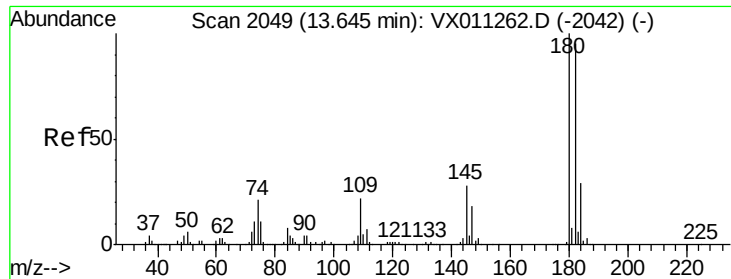
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.790 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.6  | 51.9  | 155.8 |
| 157     | 125.0 | 64.3  | 192.7 |





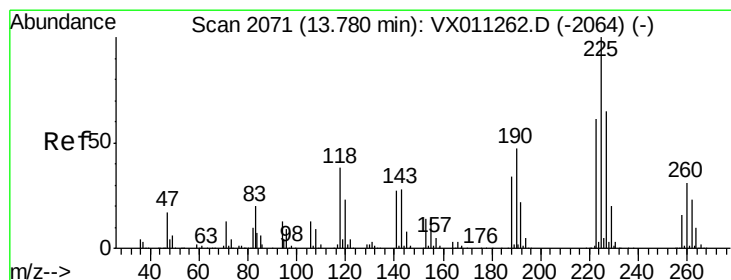
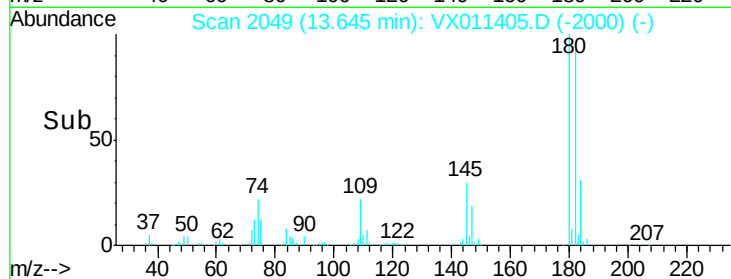
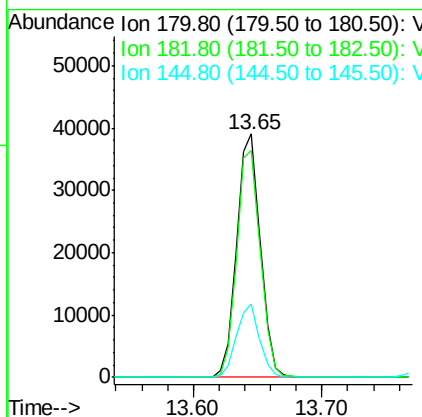
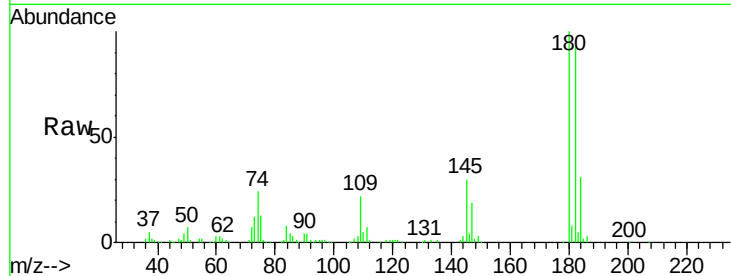
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.744 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0809WBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 49931 |       |       |
| 182     | 93.2  |       | 47.8  | 143.4 |
| 145     | 29.4  |       | 14.8  | 44.3  |

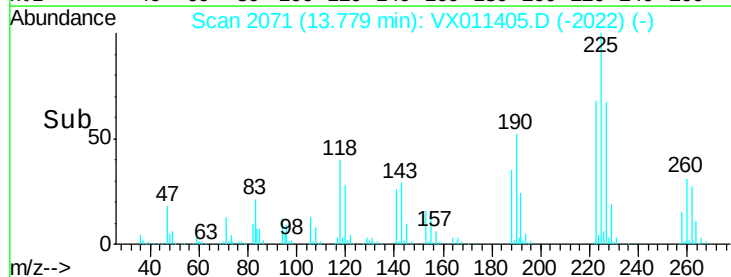
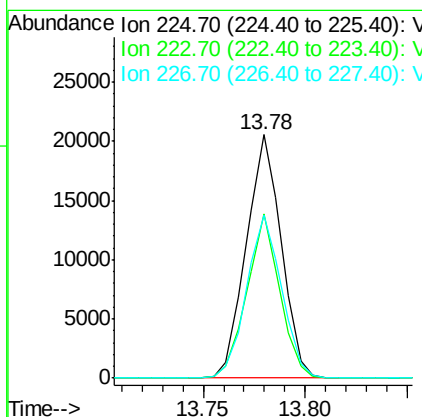
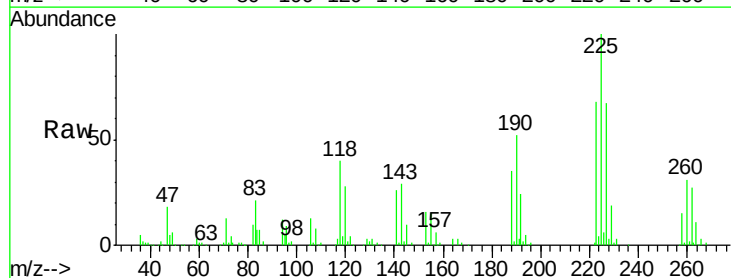
Manual Integrations  
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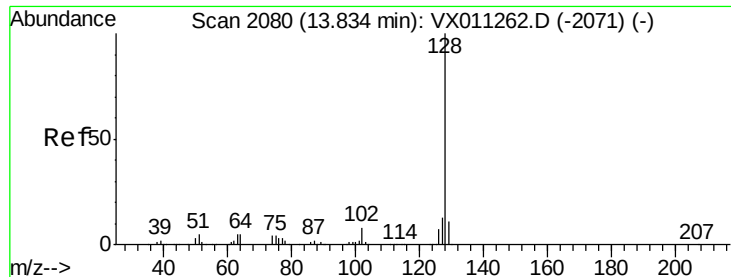
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#94  
 Hexachlorobutadiene  
 Concen: 18.146 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX011405.D  
 Acq: 09 Aug 2019 13:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 24524 |       |       |
| 223     | 63.0  |       | 31.0  | 93.0  |
| 227     | 66.9  |       | 32.2  | 96.6  |





#95

Naphthalene

Concen: 19.687 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA\_X

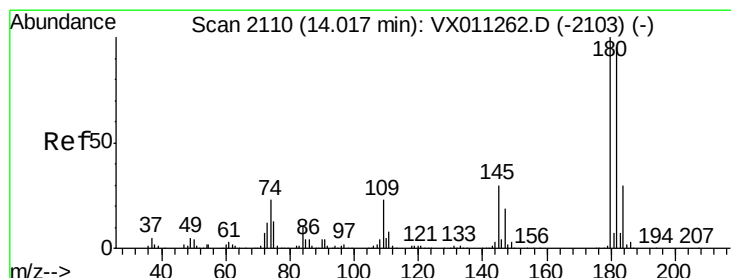
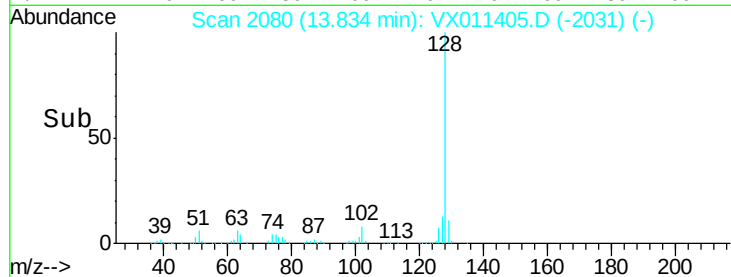
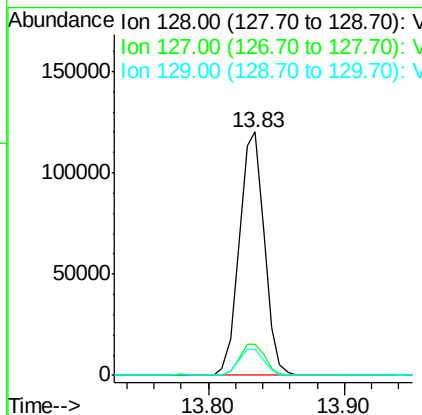
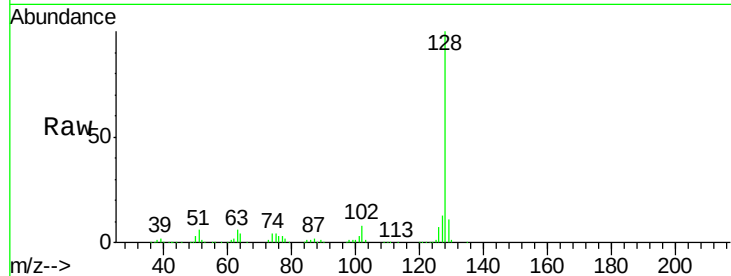
ClientSampleId :

VX0809WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 153357 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.4  | 15.6   |
| 129       | 11.3  | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 18.806 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 50928 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.4  | 47.4  | 142.3 |
| 145       | 30.2  | 15.2  | 45.6  |

