

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\  
 Data File : VX012664.D  
 Acq On : 26 Sep 2019 10:58  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2019 8:53:50 AM

Quant Time: Sep 27 00:08:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 23 12:27:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 209388   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 360617   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 321367   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 152100   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 153428   | 50.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.64% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 116105   | 54.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.12% |      |
| 50) Toluene-d8            | 8.71   | 98  | 435373   | 52.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.28% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 177183   | 54.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.96% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 119185  | 50.597  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 123353  | 45.604  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 133009  | 49.473  | ug/l | 96     |
| 5) Bromomethane               | 1.62 | 94  | 48932   | 46.291  | ug/l | 93     |
| 6) Chloroethane               | 1.71 | 64  | 85039   | 46.920  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 189881  | 50.303  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 76936   | 49.735  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 112625  | 48.986  | ug/l | 96     |
| 10) Methyl Iodide             | 2.50 | 142 | 103000  | 43.266  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 182245  | 239.266 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 108459  | 48.176  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 36929   | 93.705  | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 224981  | 50.370  | ug/l | 97     |
| 15) Acrylonitrile             | 3.12 | 53  | 363225  | 235.052 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 410016  | 253.872 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.56 | 76  | 311307  | 49.325  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 176190  | 46.331  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 430479  | 50.518  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 131297  | 48.065  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 124248  | 49.816  | ug/l | 92     |
| 22) Diisopropyl ether         | 3.84 | 45  | 430652  | 49.898  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.80 | 43  | 1913627 | 252.836 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 232970  | 49.659  | ug/l | 98     |
| 25) 2-Butanone                | 4.65 | 43  | 554296  | 239.360 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 216549  | 51.899  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 141700  | 48.964  | ug/l | 97     |
| 28) Bromochloromethane        | 5.00 | 49  | 96945   | 56.911  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 329323  | 233.322 | ug/l | 98     |
| 30) Chloroform                | 5.19 | 83  | 236090  | 49.189  | ug/l | 98     |
| 31) Cyclohexane               | 5.56 | 56  | 216531  | 51.019  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 212549  | 49.966  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 178777  | 51.432  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.81 | 43  | 199051  | 48.982  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 182611  | 51.717  | ug/l | 98     |

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 Data File : VX012664.D  
 Acq On : 26 Sep 2019 10:58  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2019 8:53:50 AM

Quant Time: Sep 27 00:08:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 23 12:27:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 221064   | 52.828  | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 518648   | 50.712  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 111200   | 48.771  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 195619   | 50.369  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 336685   | 49.543  | ug/l   | 98       |
| 44) Trichloroethene            | 7.20  | 130  | 133538   | 51.075  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 135743   | 51.842  | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 88742    | 49.778  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.89  | 83   | 187182   | 52.534  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 165154   | 50.683  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 71871    | 972.405 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1012820  | 241.436 | ug/l   | 96       |
| 52) Toluene                    | 8.78  | 92   | 332051   | 51.658  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 213451   | 54.145  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 227778   | 52.919  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 129641   | 50.729  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 222366   | 51.793  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 227309   | 50.822  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 477179   | 247.606 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.48  | 43   | 809611   | 252.137 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.57  | 129  | 137483   | 53.145  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 134570   | 50.597  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.33  | 164  | 115753   | 51.661  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.13 | 112  | 343596   | 50.773  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 126812   | 51.719  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 643211   | 52.404  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 480389   | 104.480 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 232230   | 52.198  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 401200   | 53.791  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 91165    | 53.397  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.01 | 105  | 628398   | 50.726  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 301993   | 51.099  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 203515   | 49.605  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 202683m  | 50.376  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 140210   | 50.008  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.35 | 91   | 729278   | 52.290  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 436578   | 50.180  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 543683   | 52.336  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 72059    | 51.326  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 510007   | 51.423  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 518532   | 51.745  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 541533   | 51.675  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 615178   | 52.780  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 568889   | 54.092  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 260709   | 51.670  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 261392   | 51.267  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 510974   | 55.136  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 98527    | 52.548  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 259949   | 51.460  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 52311    | 50.971  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092619\  
Data File : VX012664.D  
Acq On : 26 Sep 2019 10:58  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

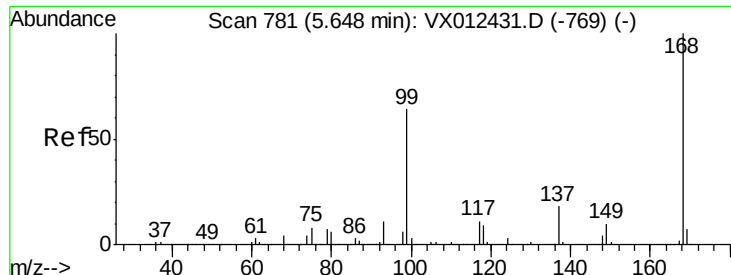
MMDadoda  
9/27/2019 8:53:50 AM

Quant Time: Sep 27 00:08:36 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 23 12:27:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 172353   | 55.947 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 76390    | 57.640 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 609495   | 54.683 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 169366   | 54.883 | ug/l  | 98       |

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





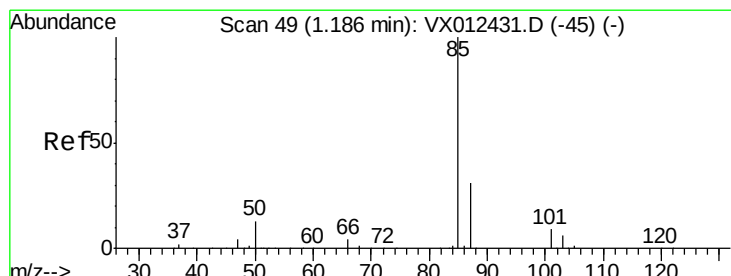
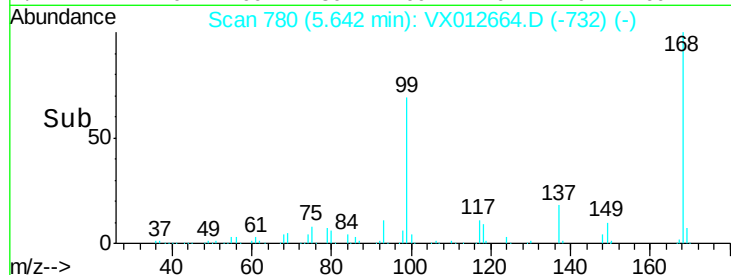
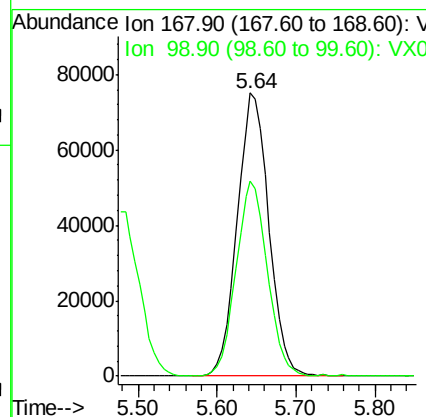
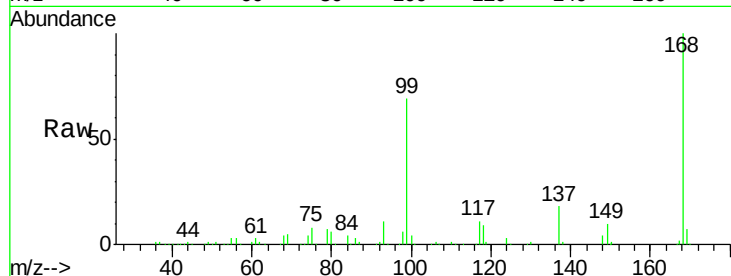
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.64 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 209388 |       |       |
| 99      | 68.7  | 51.4   | 77.2  |       |

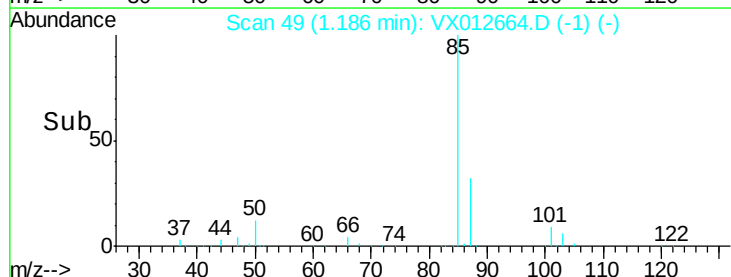
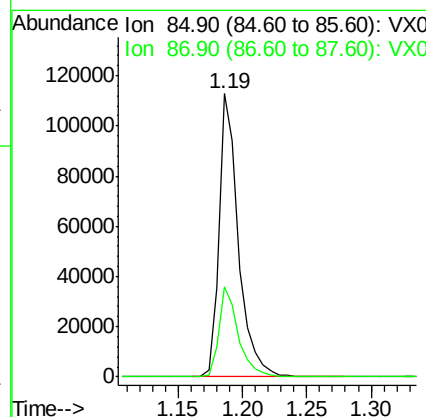
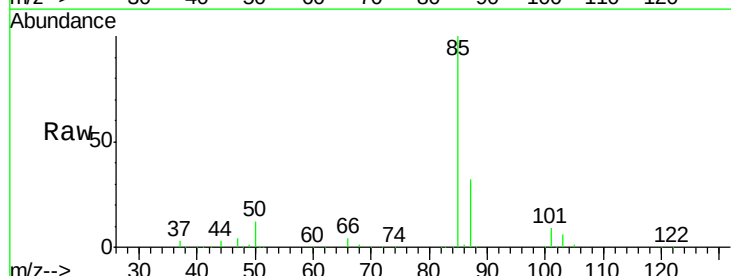
Manual Integrations  
APPROVED

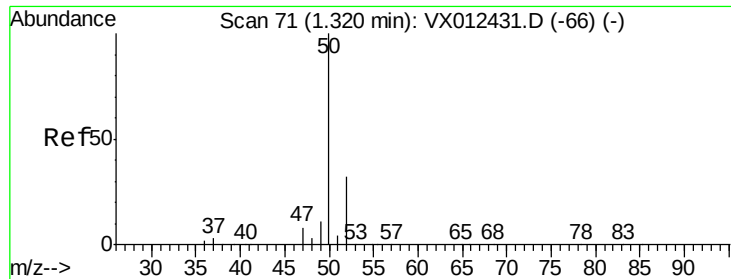
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9/27/2019 8:53:50 AM



#2  
Dichlorodifluoromethane  
Concen: 50.597 ug/l  
RT: 1.19 min Scan# 49  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 85      | 100   | 119185 |       |       |
| 87      | 32.0  | 15.6   | 46.8  |       |





#3

Chloromethane

Concen: 45.604 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 123353

Ion Ratio Lower Upper

50 100

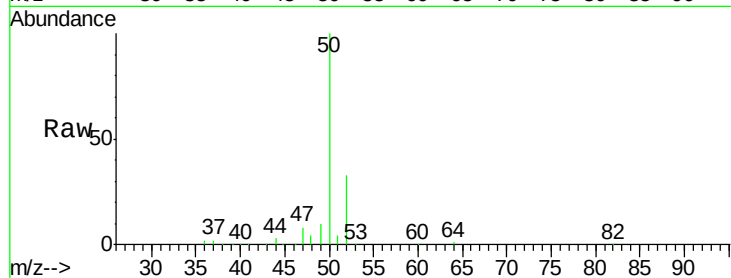
52 32.9 25.7 38.5

Manual Integrations

APPROVED

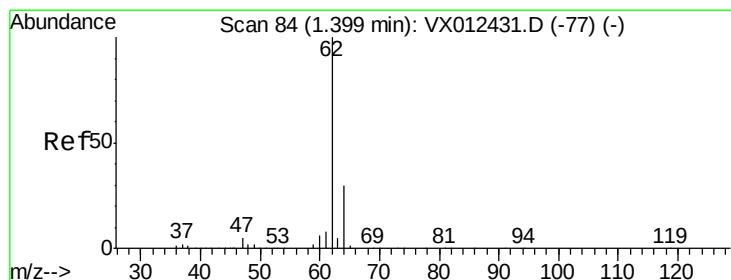
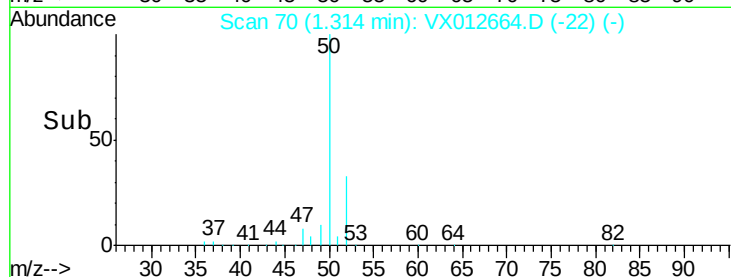
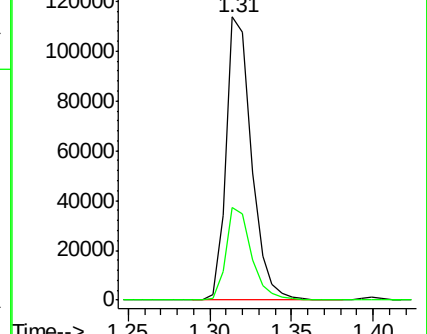
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9/27/2019 8:53:50 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.473 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012664.D

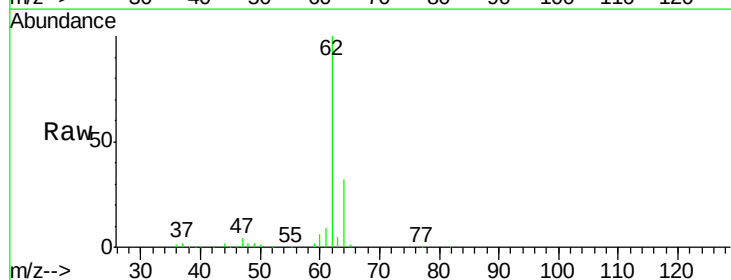
Acq: 26 Sep 2019 10:58

Tgt Ion: 62 Resp: 133009

Ion Ratio Lower Upper

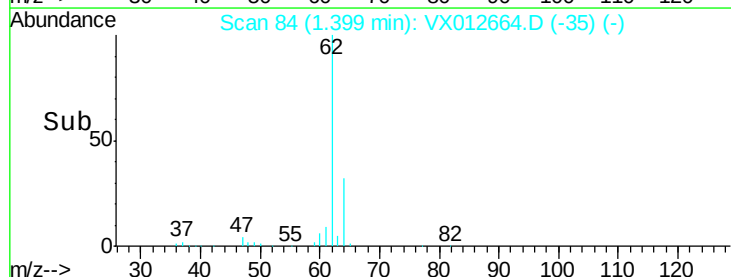
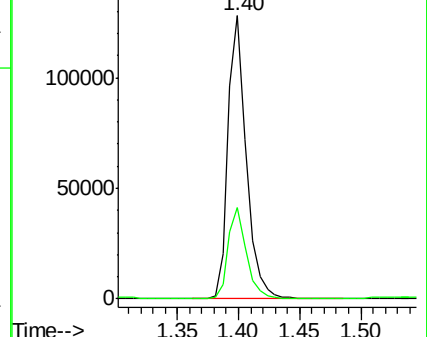
62 100

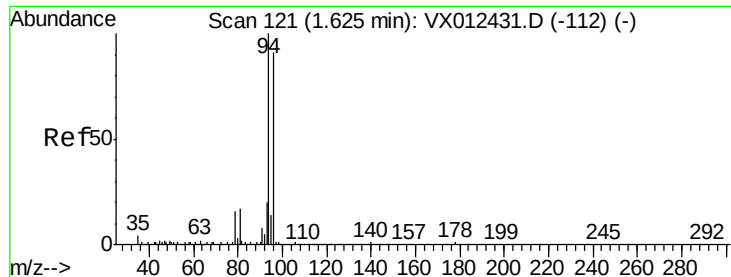
64 32.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.291 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48932

Ion Ratio Lower Upper

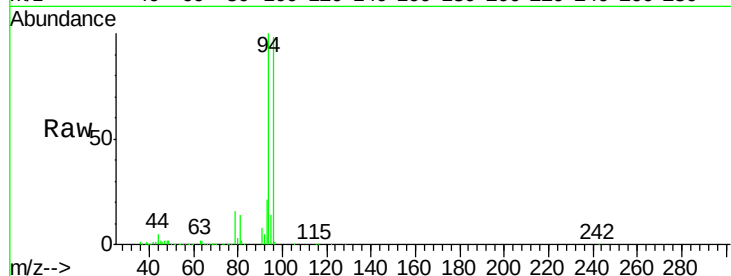
94 100

96 98.0 72.8 109.2

Manual Integrations  
APPROVED

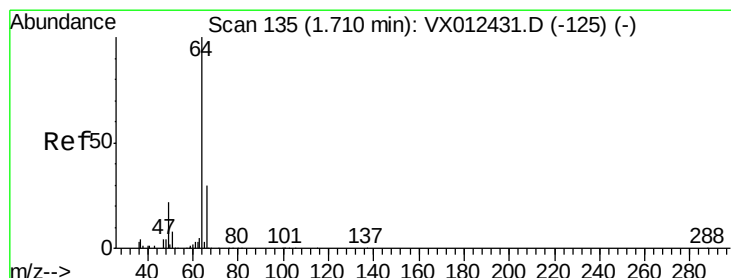
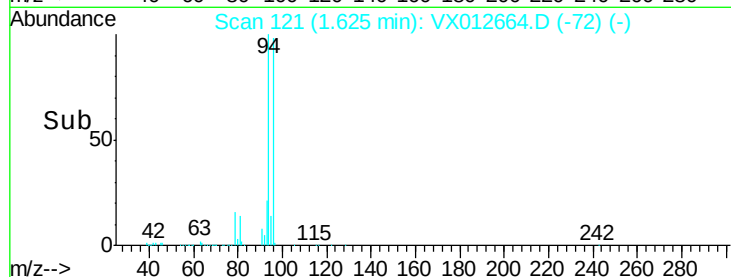
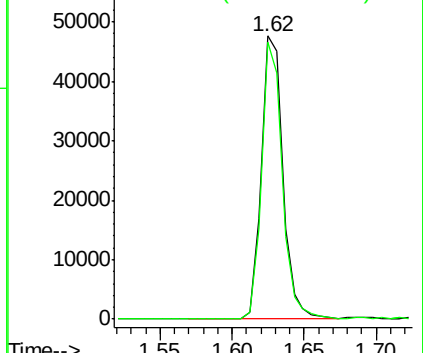
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9/27/2019 8:53:50 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.920 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012664.D

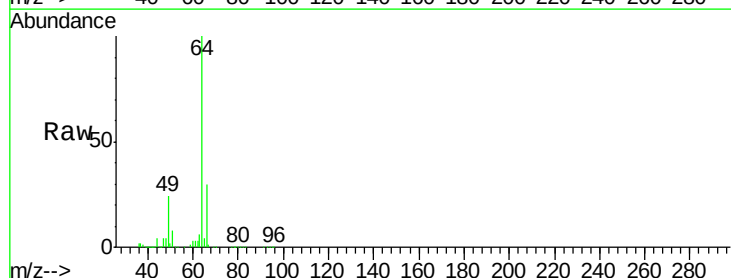
Acq: 26 Sep 2019 10:58

Tgt Ion: 64 Resp: 85039

Ion Ratio Lower Upper

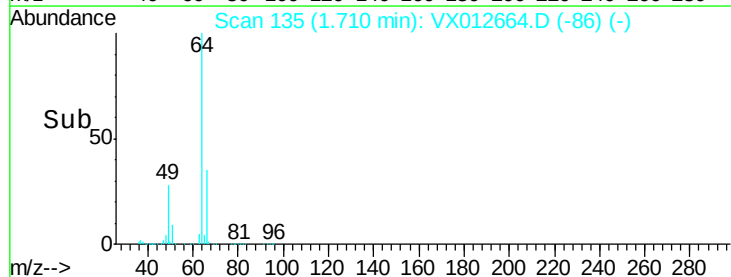
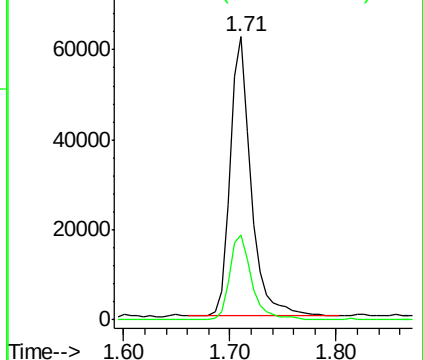
64 100

66 30.5 24.0 36.0

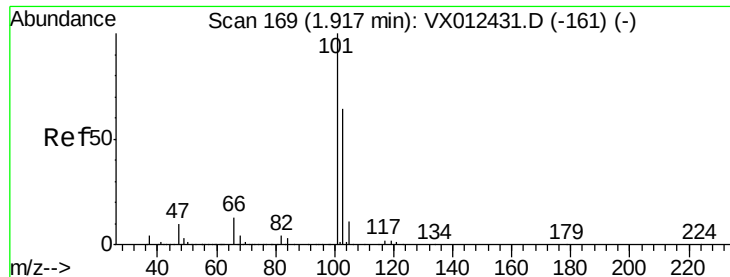


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

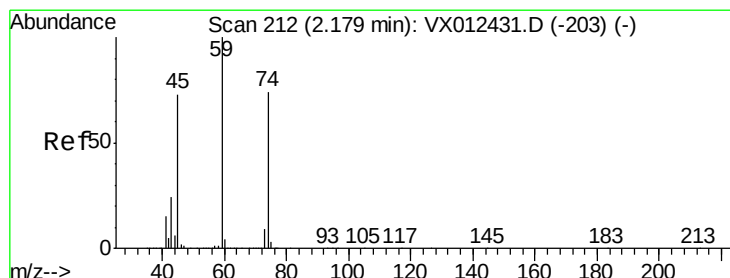
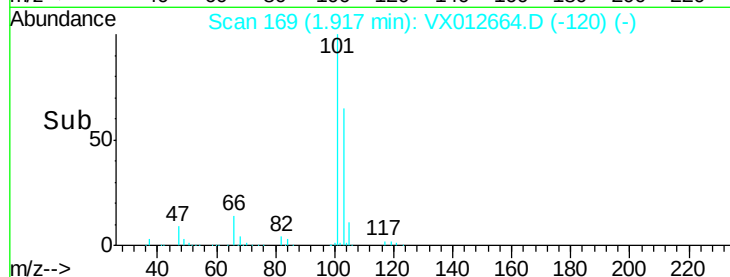
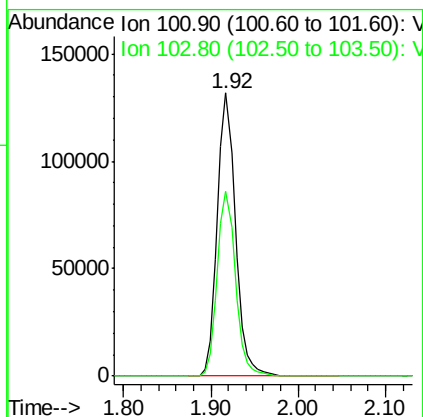
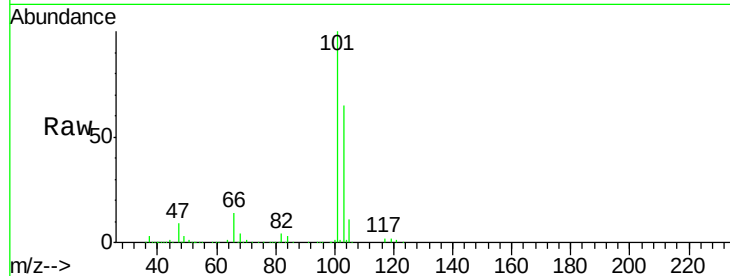
Trichlorofluoromethane  
Concen: 50.303 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 189881 |       |       |
| 103     | 65.2  | 51.0   | 76.4  |       |

Manual Integrations  
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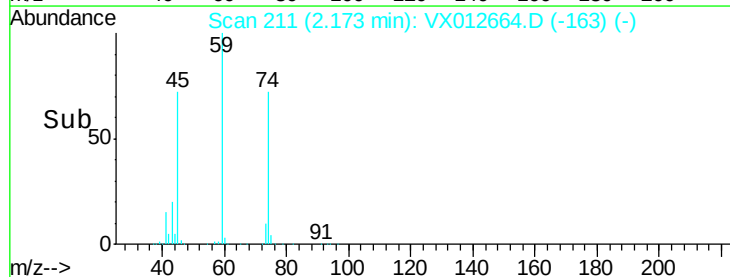
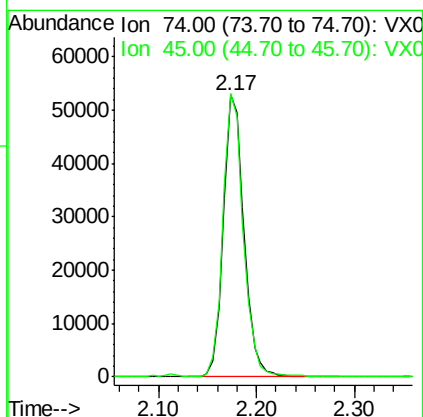
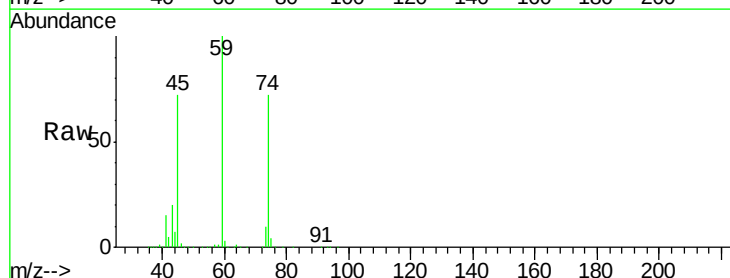
MMDadoda  
9/27/2019 8:53:50 AM



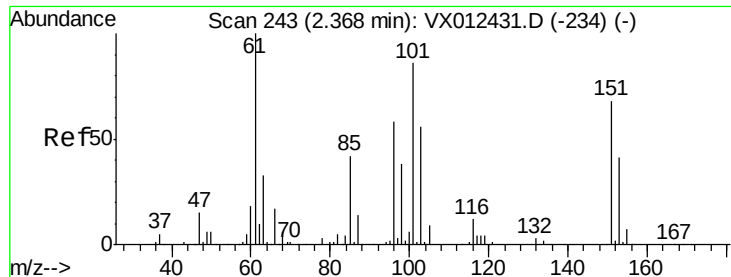
#8

Diethyl Ether  
Concen: 49.735 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 76936 |       |       |
| 45      | 100.0 | 49.9  | 149.7 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.986 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

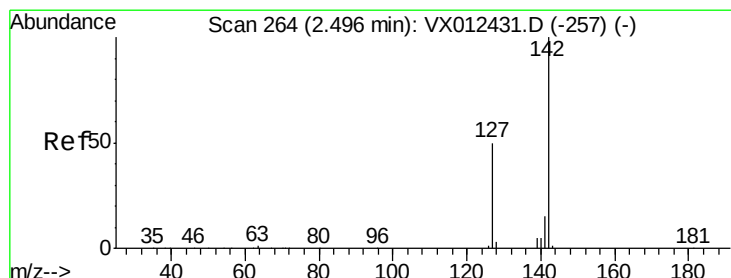
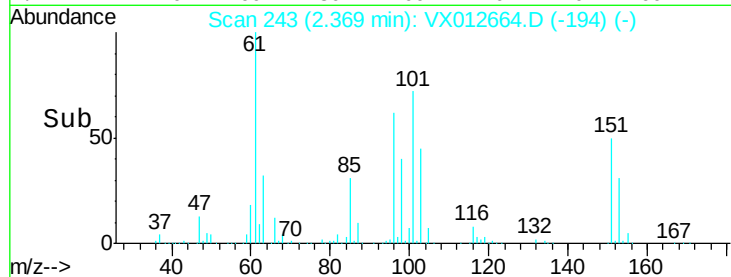
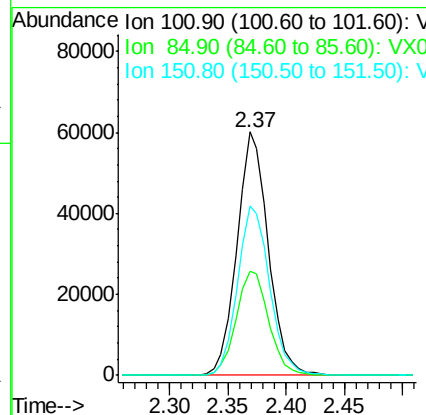
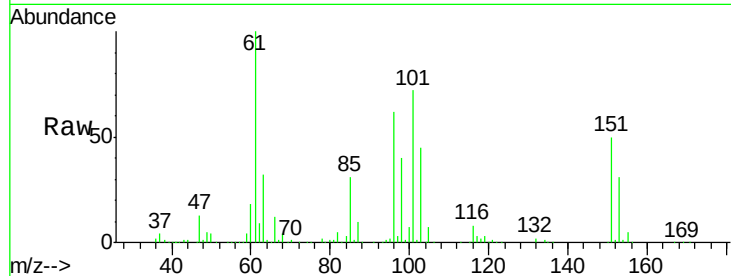
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 112625 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.5  | 37.3  | 55.9   |
| 151       | 71.6  | 61.0  | 91.4   |

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9/27/2019 8:53:50 AM



#10

Methyl Iodide

Concen: 43.266 ug/l

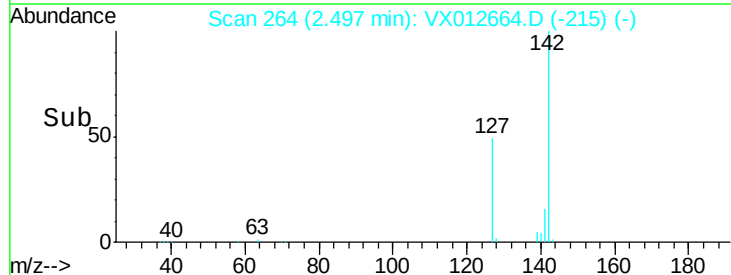
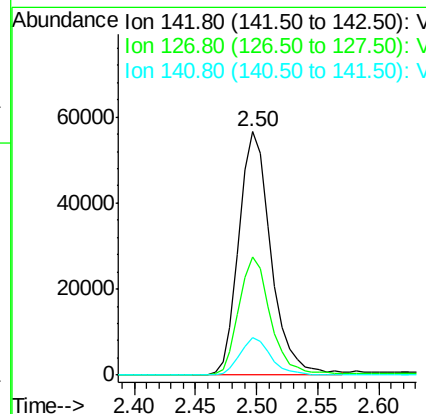
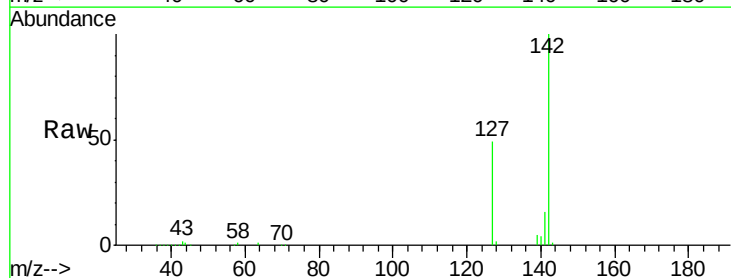
RT: 2.50 min Scan# 264

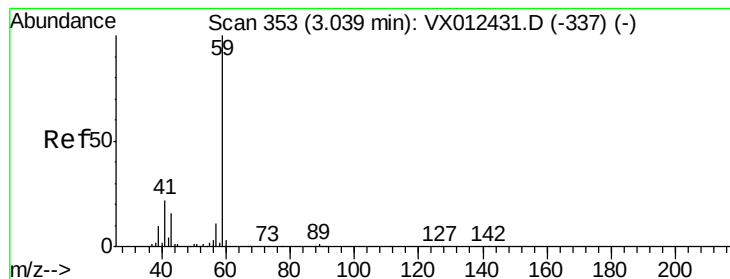
Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 103000 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 48.1  | 40.8  | 61.2   |
| 141       | 15.1  | 12.1  | 18.1   |





#11

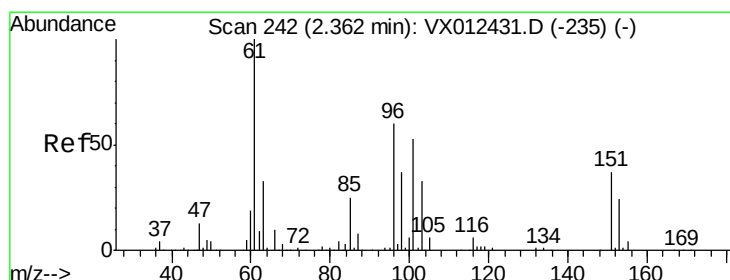
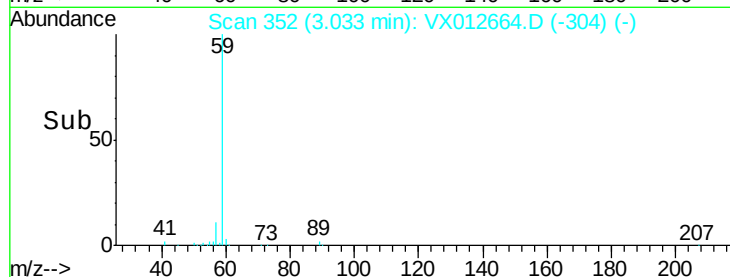
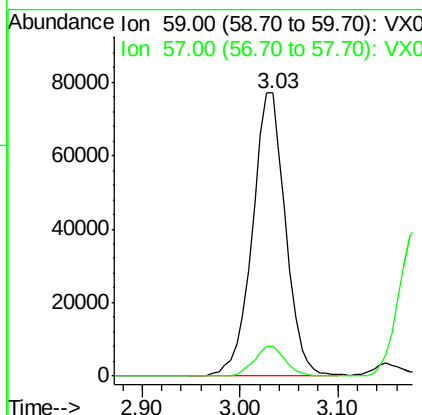
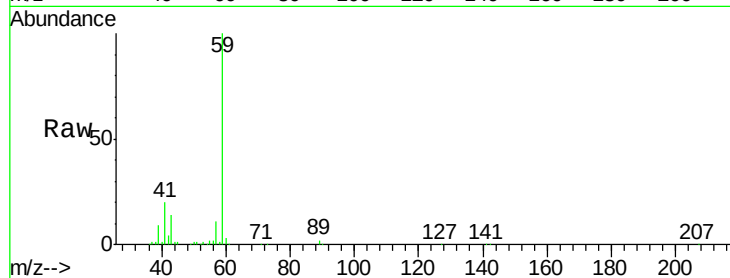
Tert butyl alcohol  
 Concen: 239.266 ug/l  
 RT: 3.03 min Scan# 352  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion   | 59   | Resp  | 182245 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.0 | 8.3   | 12.5   |

Manual Integrations  
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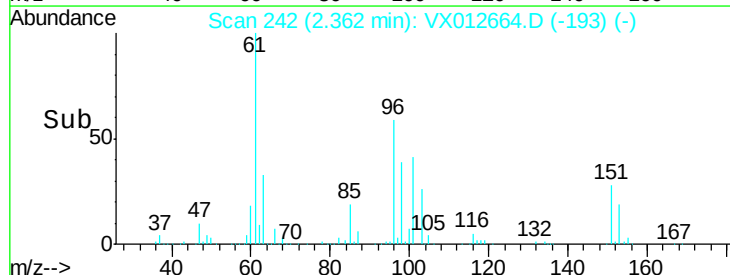
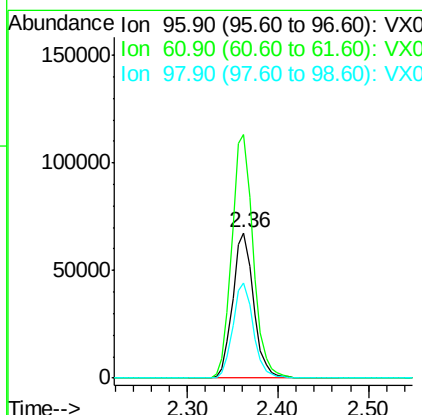
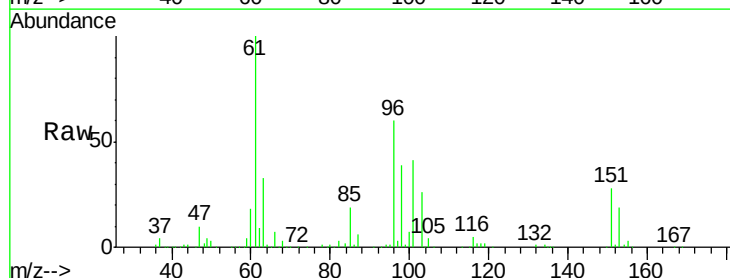
MMDadoda  
 9/27/2019 8:53:50 AM

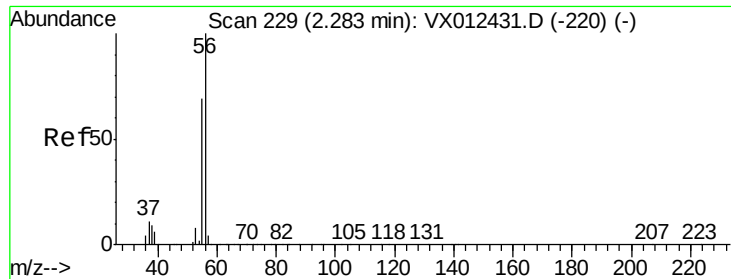


#12

1,1-Dichloroethene  
 Concen: 48.176 ug/l  
 RT: 2.36 min Scan# 242  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion   | 96    | Resp  | 108459 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 167.8 | 133.8 | 200.6  |
| 98        | 65.6  | 49.9  | 74.9   |





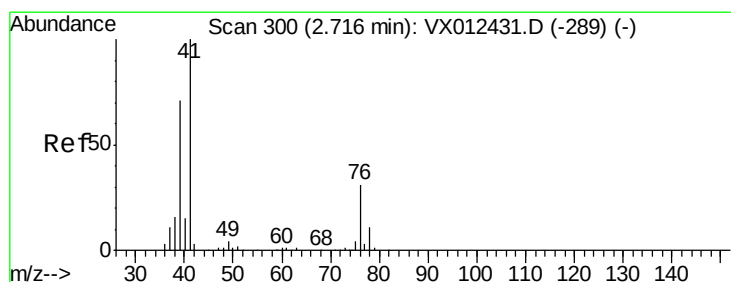
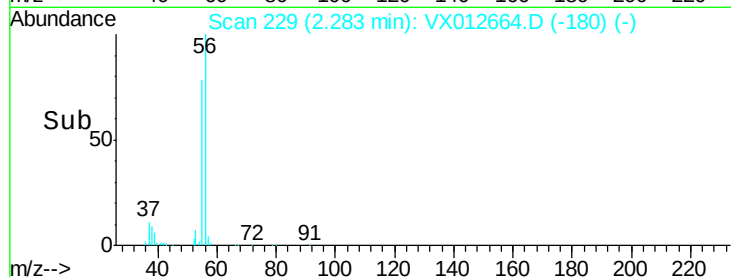
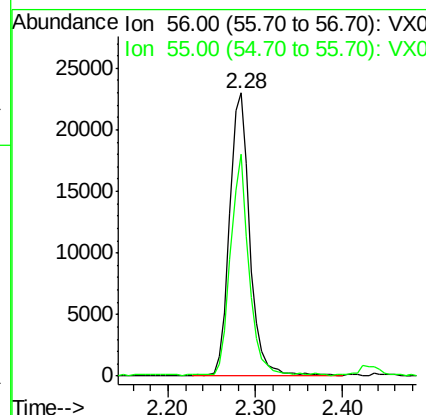
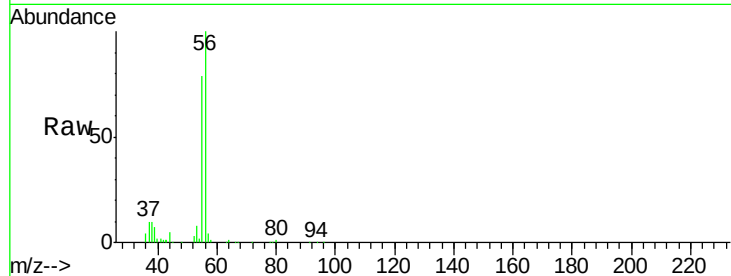
#13  
Acrolein  
Concen: 93.705 ug/l  
RT: 2.28 min Scan# 229  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56   | Resp  | 36929 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 70.6 | 55.8  | 83.8  |

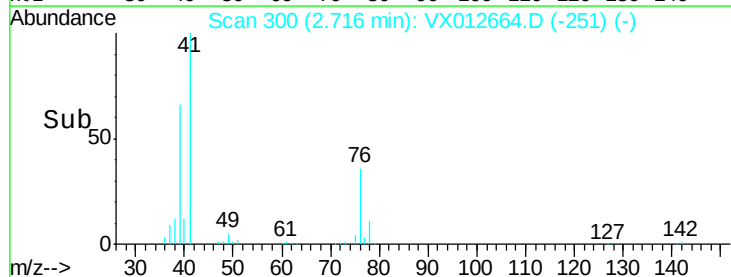
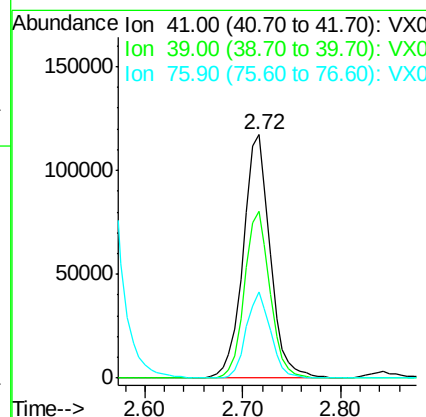
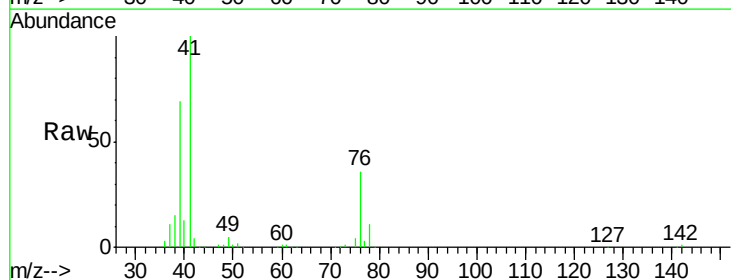
Manual Integrations  
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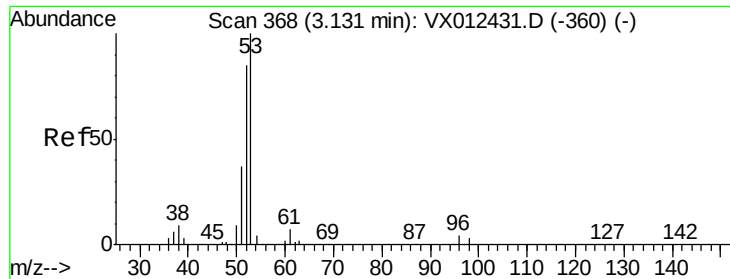
MMDadoda  
9/27/2019 8:53:50 AM



#14  
Allyl chloride  
Concen: 50.370 ug/l  
RT: 2.72 min Scan# 300  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion   | 41   | Resp  | 224981 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 64.9 | 51.3  | 76.9   |
| 76        | 32.0 | 22.6  | 33.8   |





#15

Acrylonitrile

Concen: 235.052 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

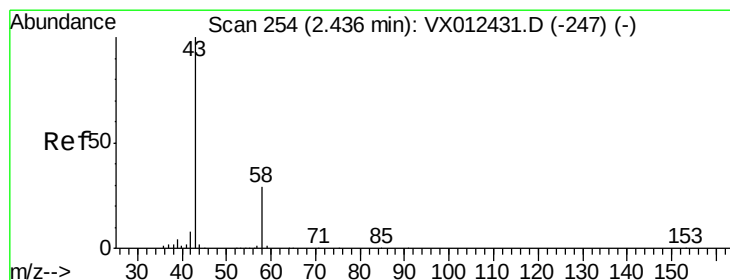
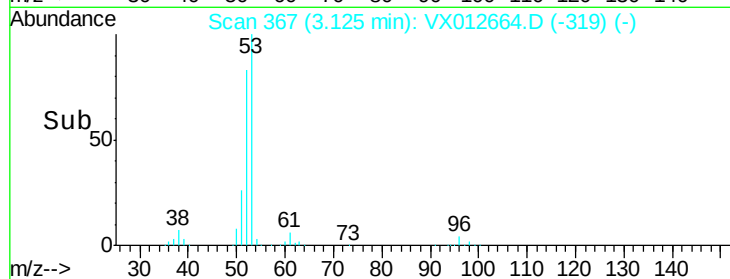
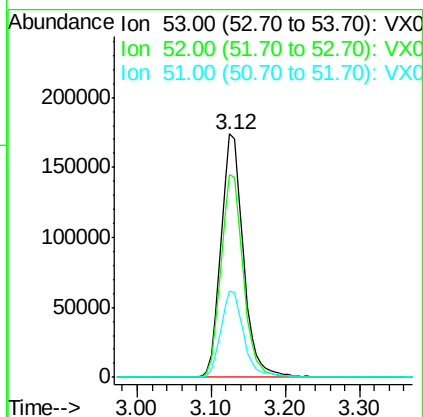
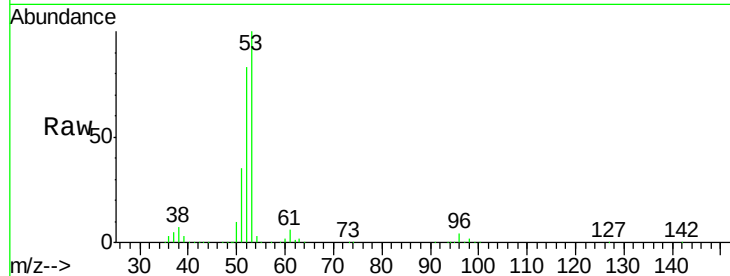
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 363225 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.0  | 67.0  | 100.4  |
| 51        | 36.4  | 29.6  | 44.4   |

Manual Integrations  
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#16

Acetone

Concen: 253.872 ug/l

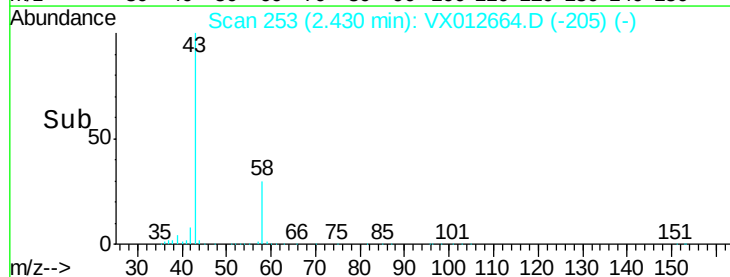
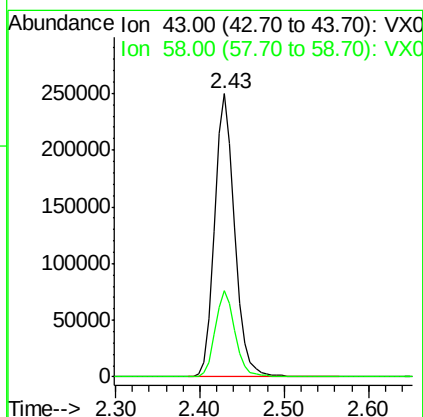
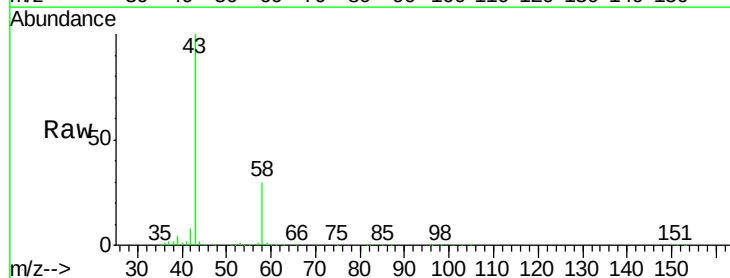
RT: 2.43 min Scan# 253

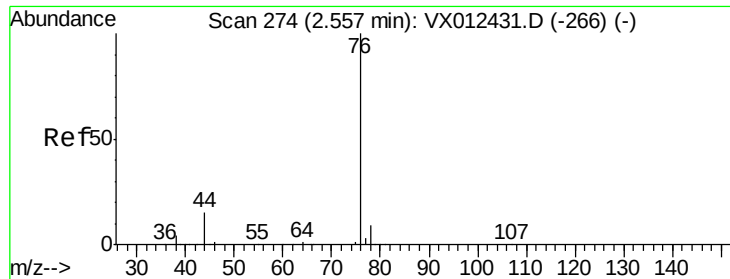
Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 410016 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.3  | 23.3  | 34.9   |





#17

Carbon Disulfide

Concen: 49.325 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 311307

Ion Ratio Lower Upper

76 100

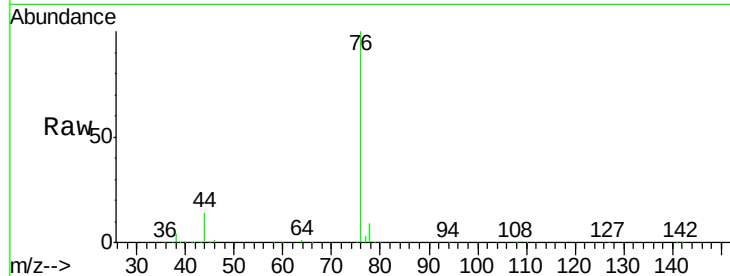
78 9.2 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

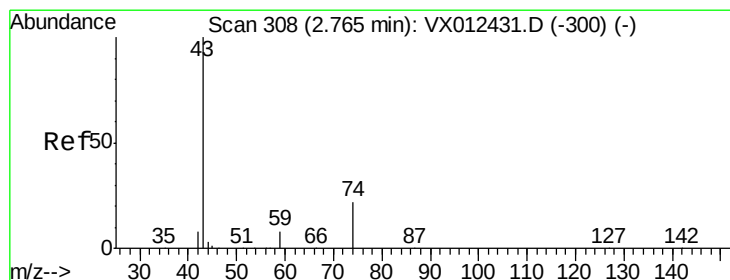
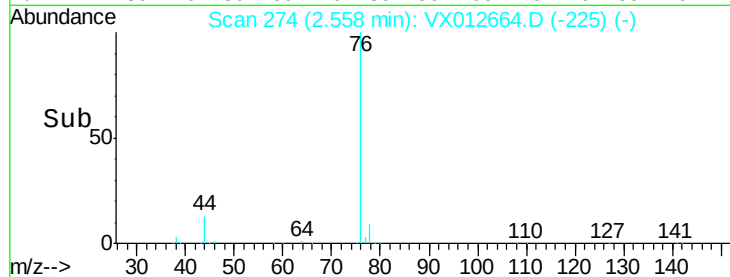
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 46.331 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012664.D

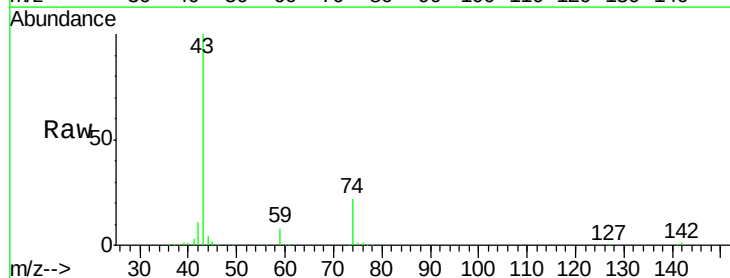
Acq: 26 Sep 2019 10:58

Tgt Ion: 43 Resp: 176190

Ion Ratio Lower Upper

43 100

74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

40000

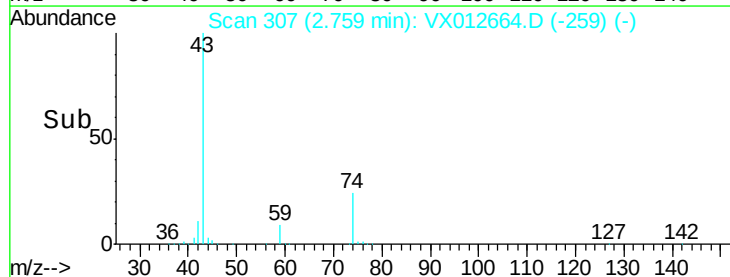
20000

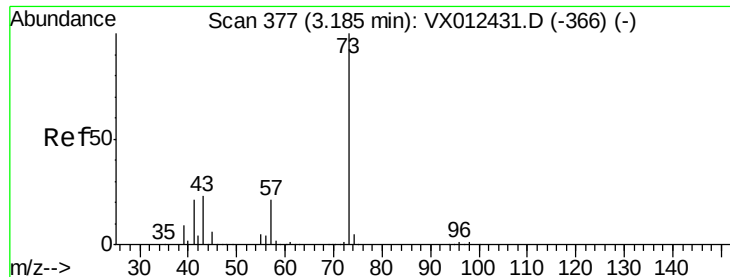
0

Time-->

2.70

2.80





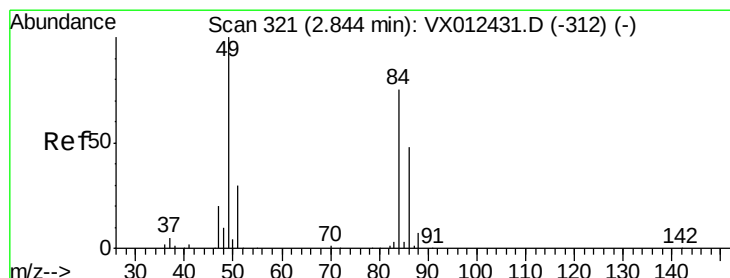
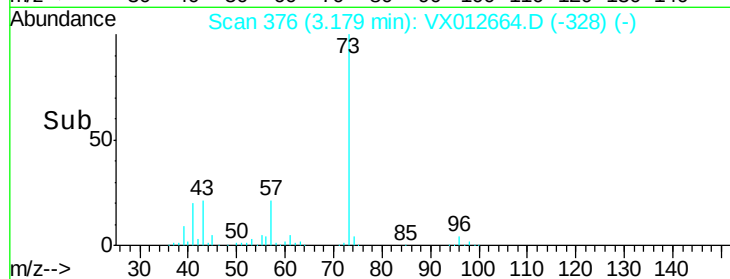
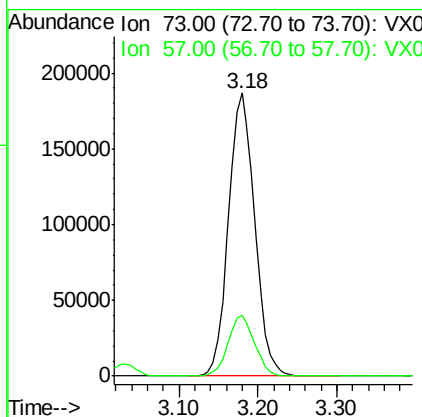
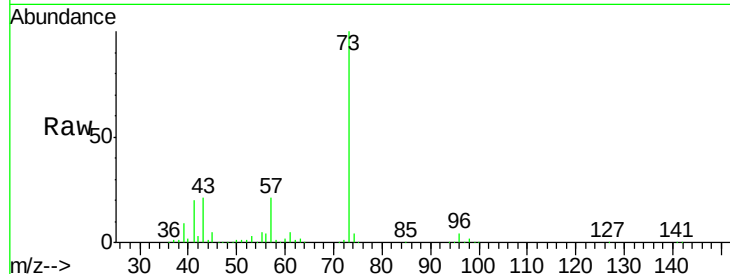
#19  
Methyl tert-butyl Ether  
Concen: 50.518 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 430479  
Ion Ratio Lower Upper  
73 100  
57 21.4 16.8 25.2

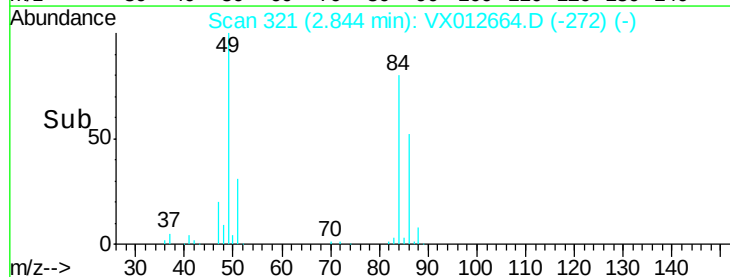
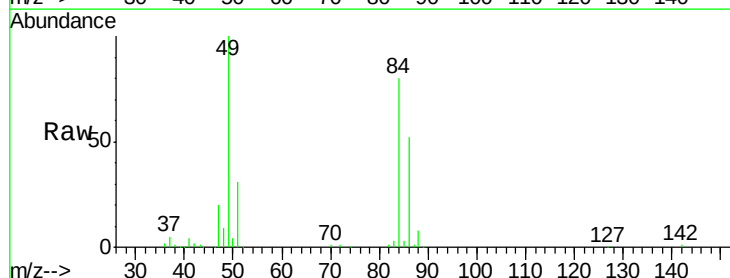
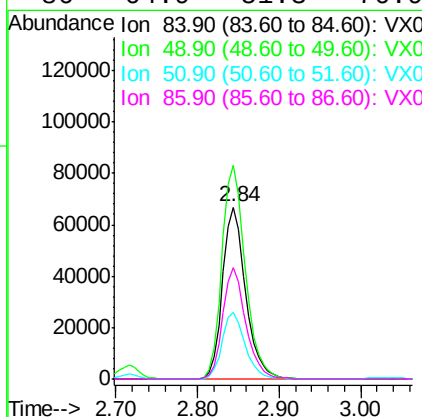
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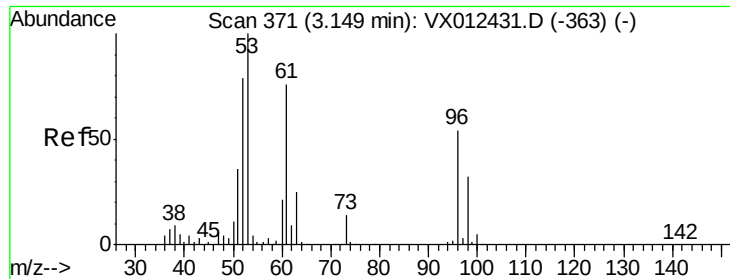
MMDadoda  
9/27/2019 8:53:50 AM



#20  
Methylene Chloride  
Concen: 48.065 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Tgt Ion: 84 Resp: 131297  
Ion Ratio Lower Upper  
84 100  
49 124.5 106.8 160.2  
51 39.0 32.3 48.5  
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.816 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 124248

Ion Ratio Lower Upper

96 100

61 150.9 112.0 168.0

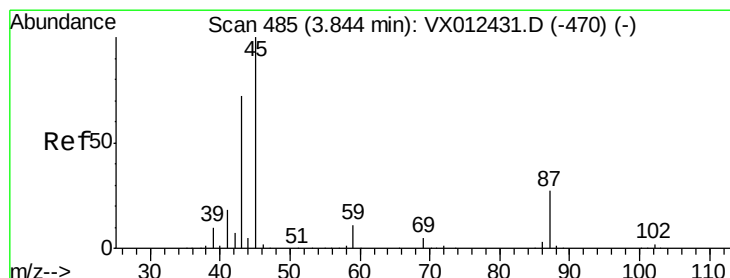
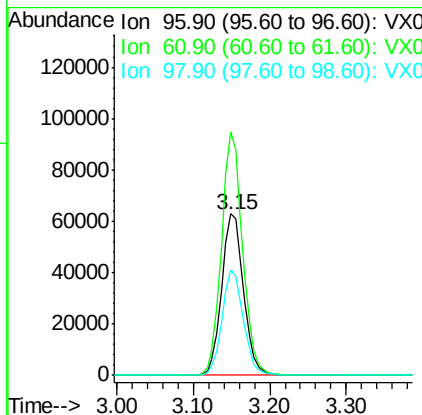
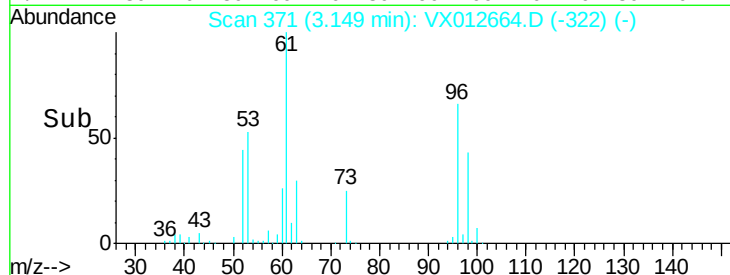
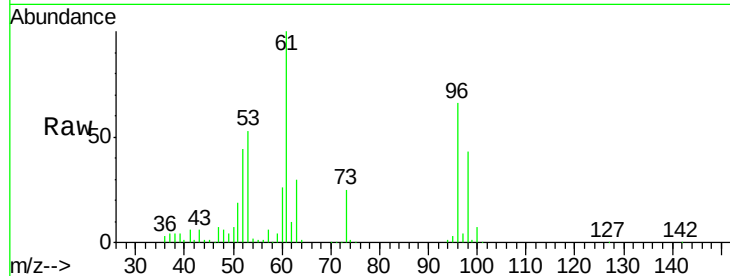
98 64.9 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.898 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Tgt Ion: 45 Resp: 430652

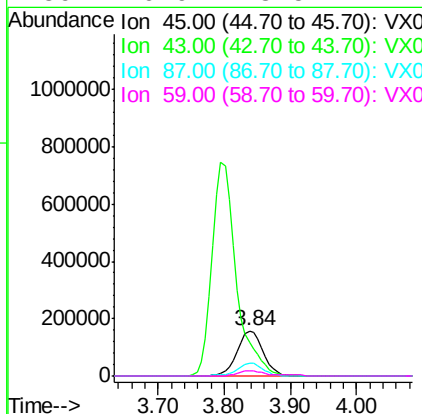
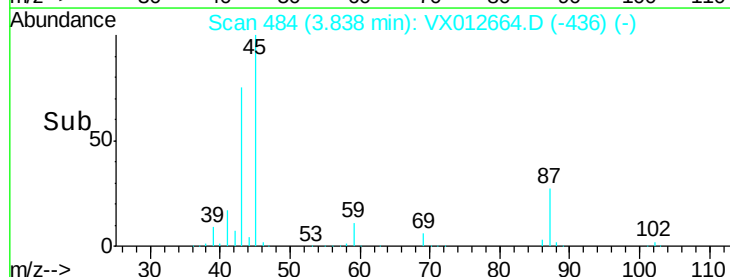
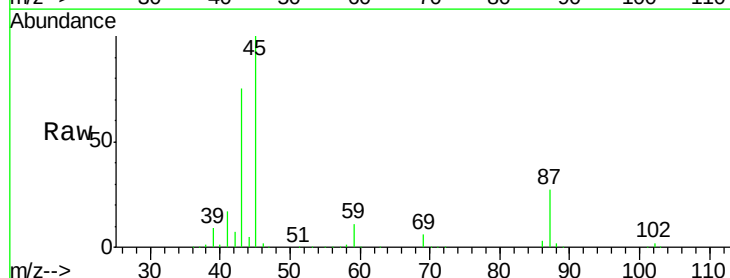
Ion Ratio Lower Upper

45 100

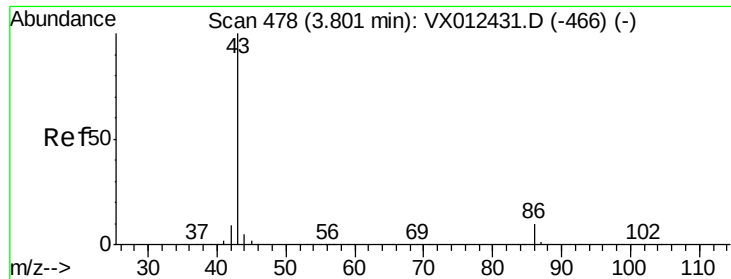
43 74.5 57.8 86.8

87 27.5 21.3 31.9

59 10.9 8.5 12.7







#23

Vinyl Acetate

Concen: 252.836 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1913627

Ion Ratio Lower Upper

43 100

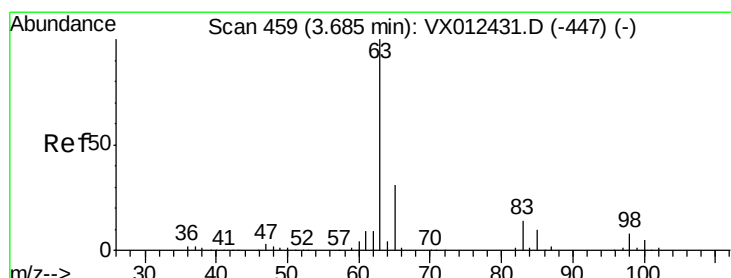
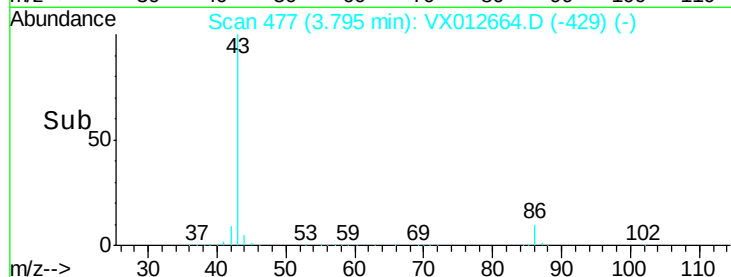
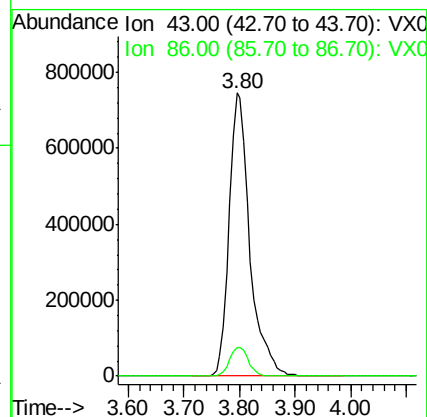
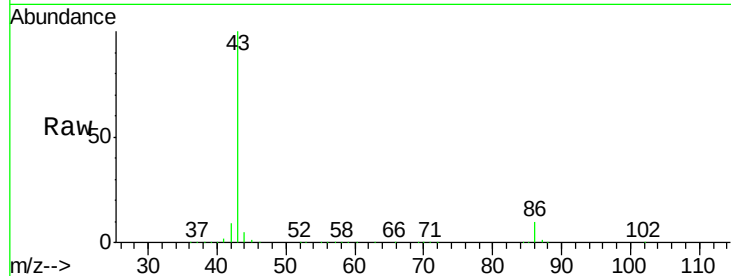
86 10.1 7.8 11.8

Manual Integrations

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MMDadoda

9/27/2019 8:53:50 AM



#24

1,1-Dichloroethane

Concen: 49.659 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

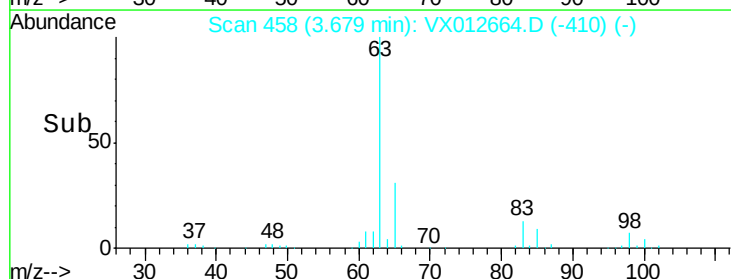
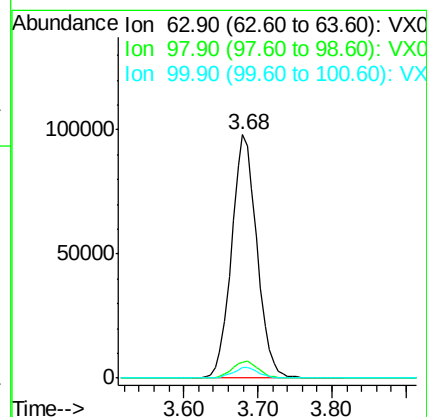
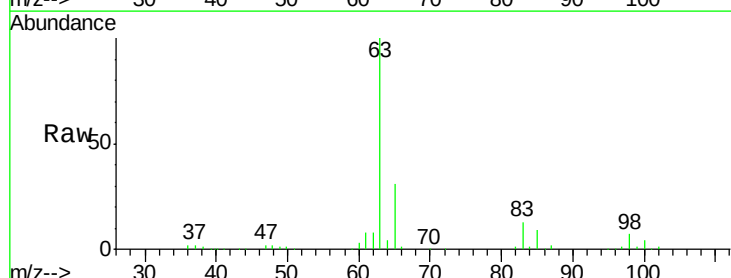
Tgt Ion: 63 Resp: 232970

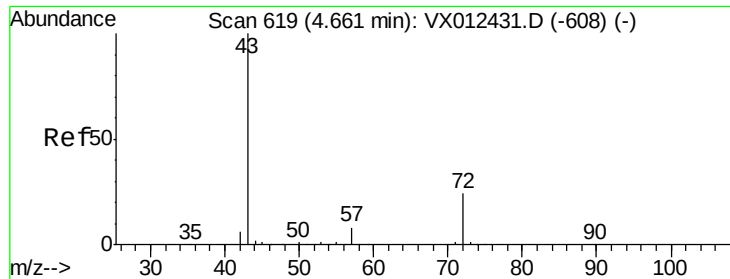
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 239.360 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 554296

Ion Ratio Lower Upper

43 100

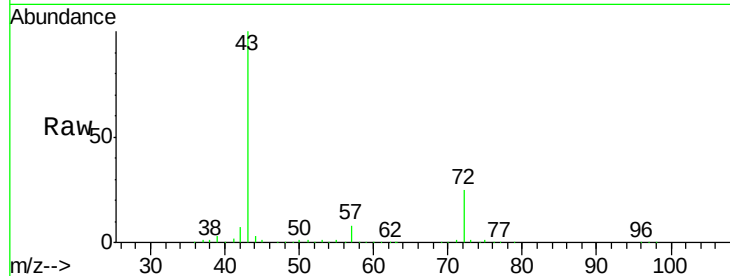
72 25.1 19.2 28.8

Manual Integrations

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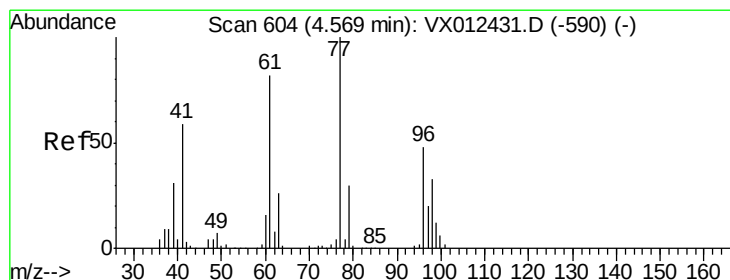
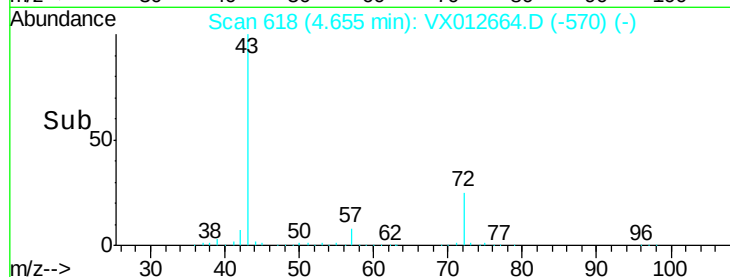
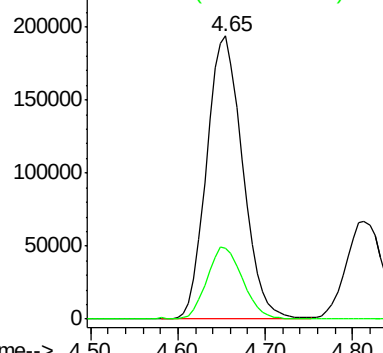
MMDadoda

9/27/2019 8:53:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.899 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012664.D

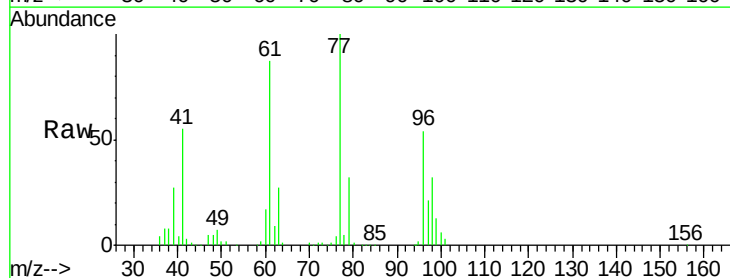
Acq: 26 Sep 2019 10:58

Tgt Ion: 77 Resp: 216549

Ion Ratio Lower Upper

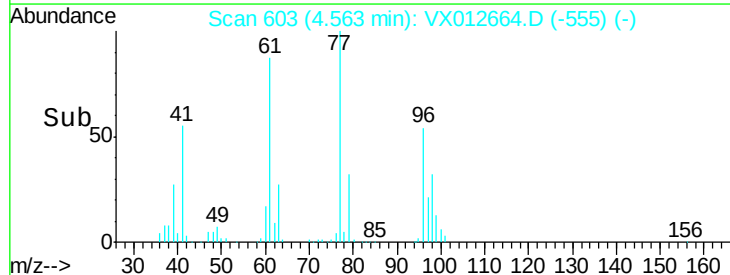
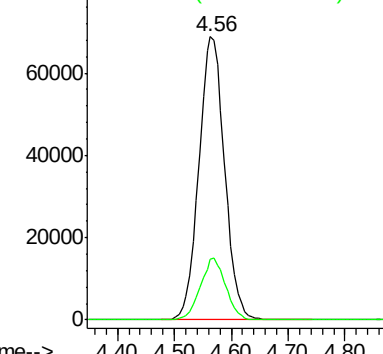
77 100

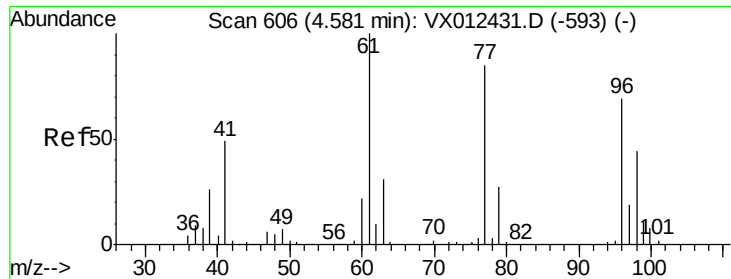
97 21.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

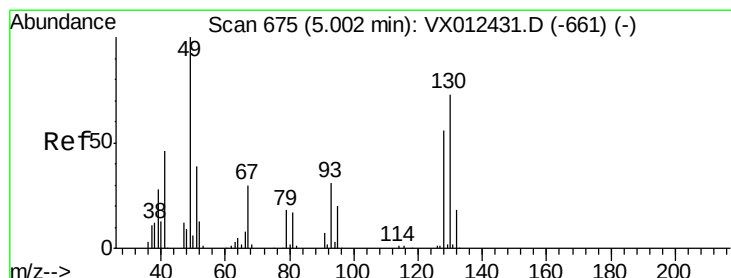
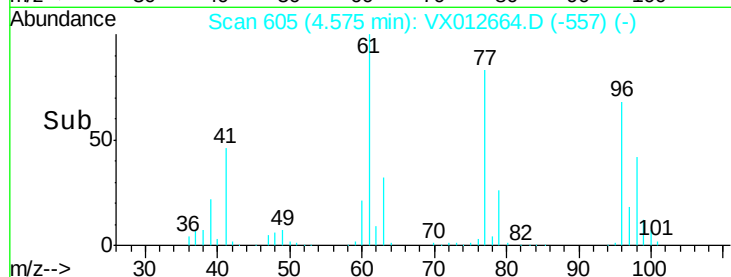
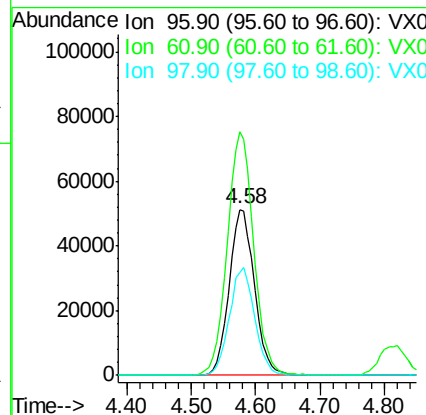
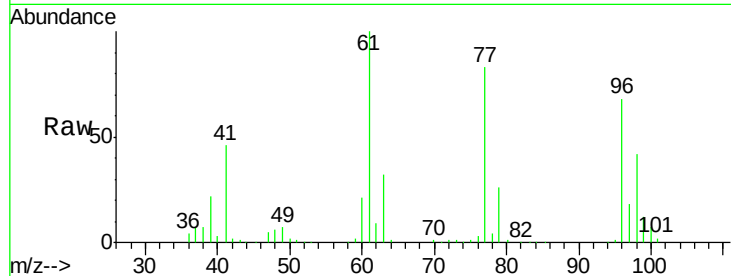
cis-1,2-Dichloroethene  
Concen: 48.964 ug/l  
RT: 4.58 min Scan# 605  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 141700 |       |       |
| 61      | 153.8 | 0.0    | 319.4 |       |
| 98      | 64.9  | 0.0    | 130.6 |       |

Manual Integrations  
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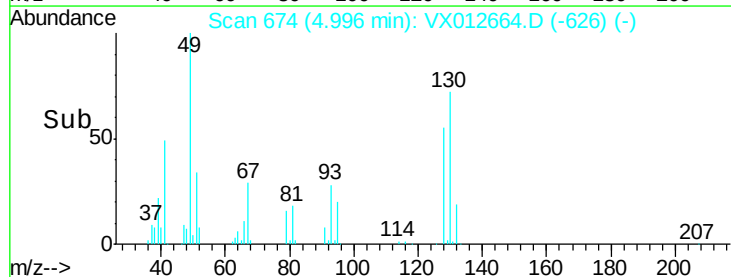
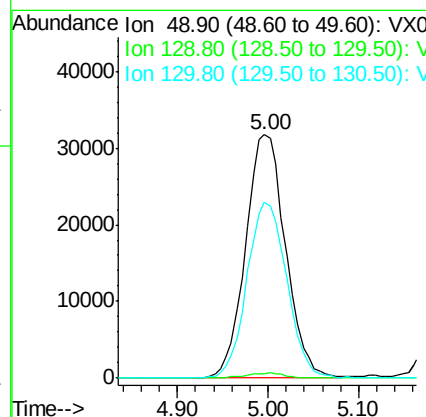
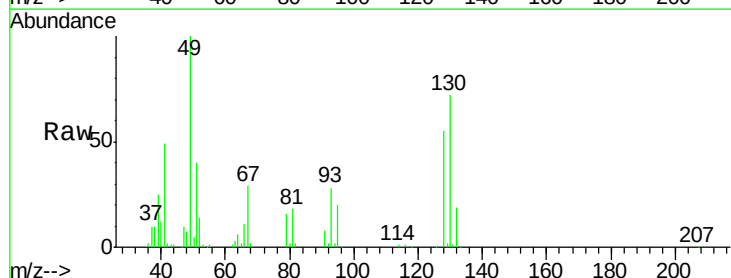
MMDadoda  
9/27/2019 8:53:50 AM

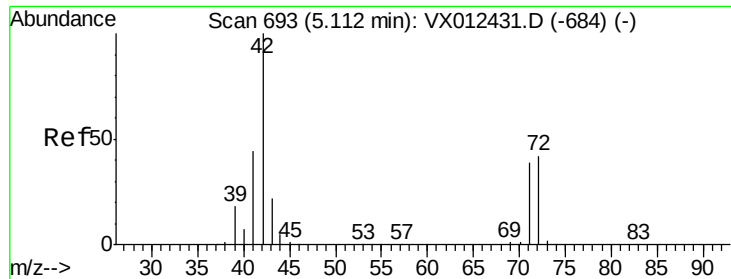


#28

Bromochloromethane  
Concen: 56.911 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 96945 |       |       |
| 129     | 2.1   | 0.0   | 3.8   |       |
| 130     | 72.1  | 58.2  | 87.4  |       |





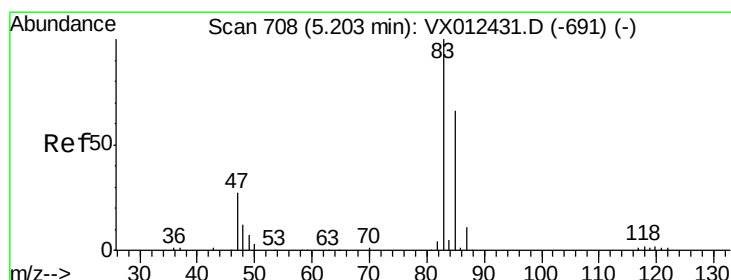
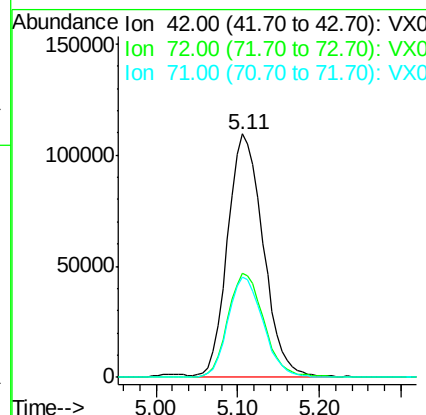
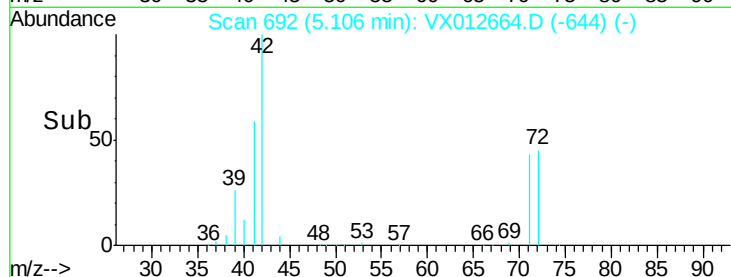
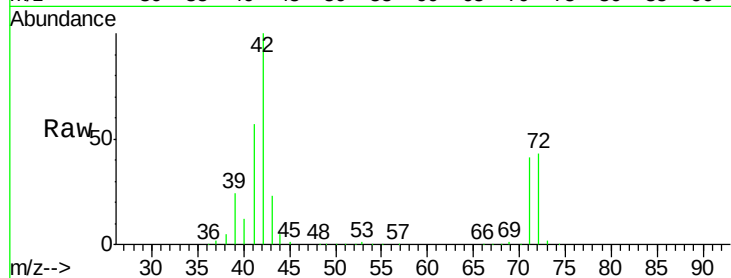
#29  
Tetrahydrofuran  
Concen: 233.322 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.7  | 34.0  | 51.0  |
| 71      | 41.0  | 31.5  | 47.3  |

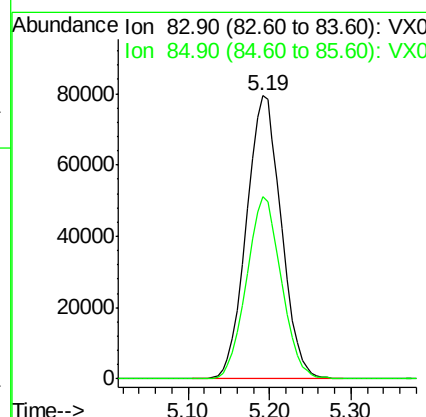
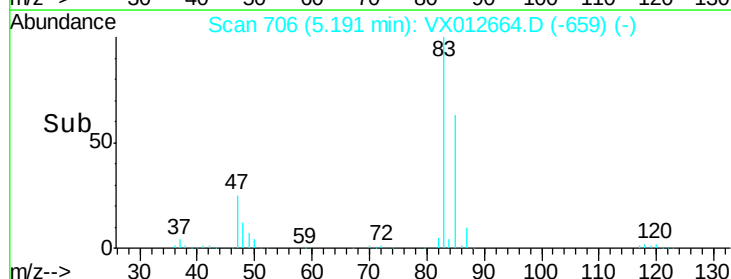
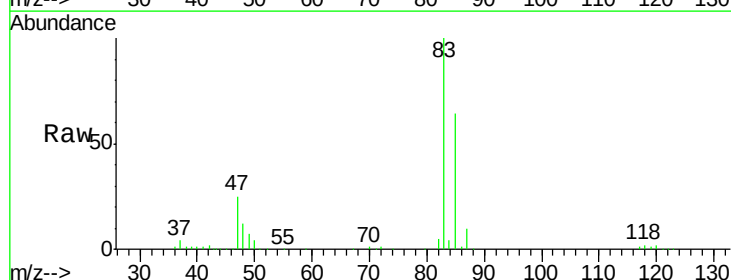
Manual Integrations  
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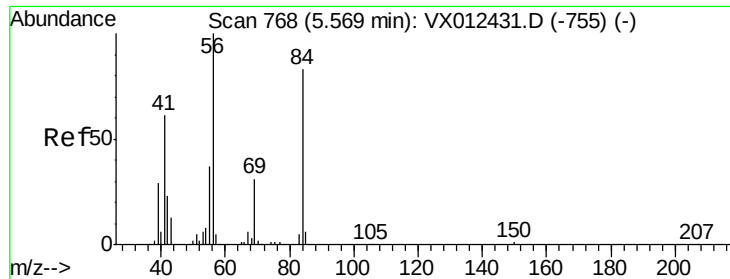
MMDadoda  
9/27/2019 8:53:50 AM



#30  
Chloroform  
Concen: 49.189 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 53.0  | 79.4  |





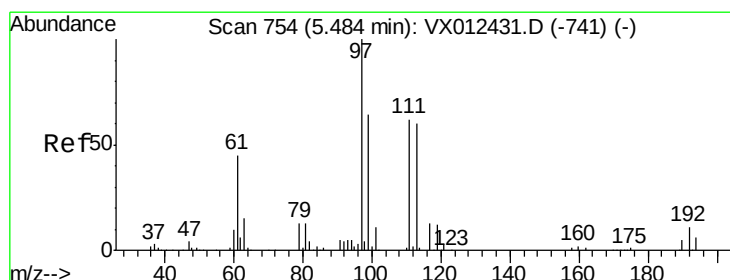
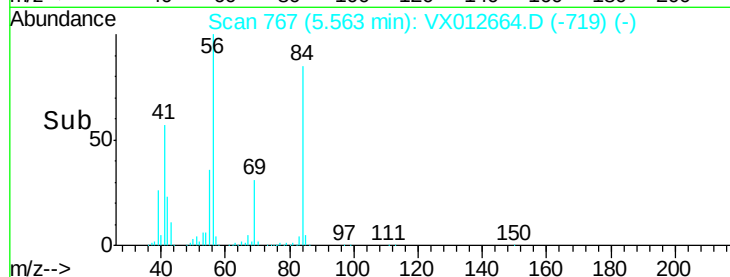
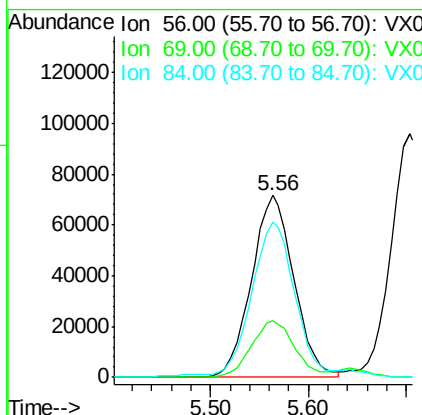
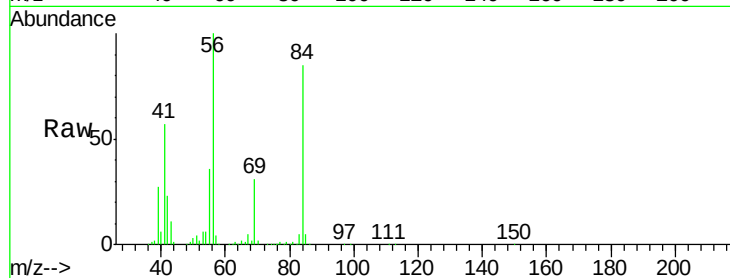
#31  
Cyclohexane  
Concen: 51.019 ug/l  
RT: 5.56 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.9  | 25.0  | 37.6  |
| 84      | 83.7  | 66.4  | 99.6  |

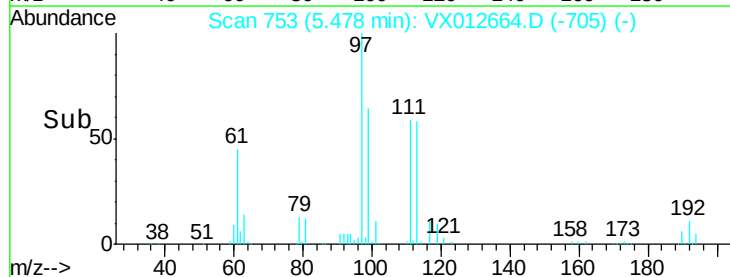
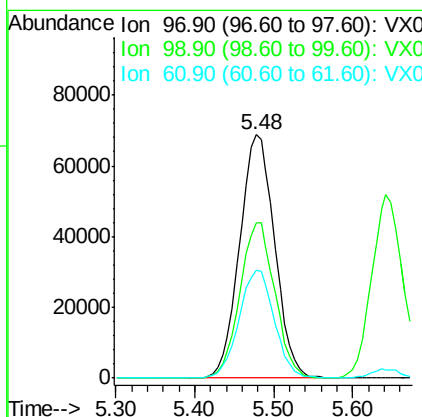
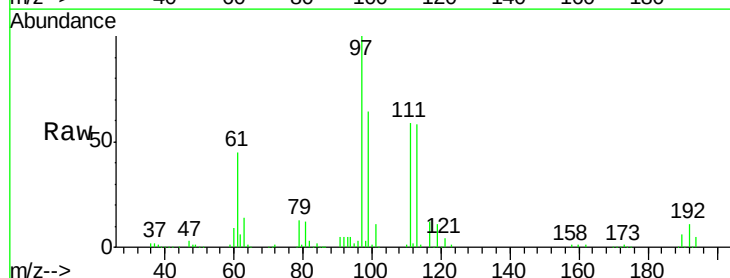
Manual Integrations  
APPROVED

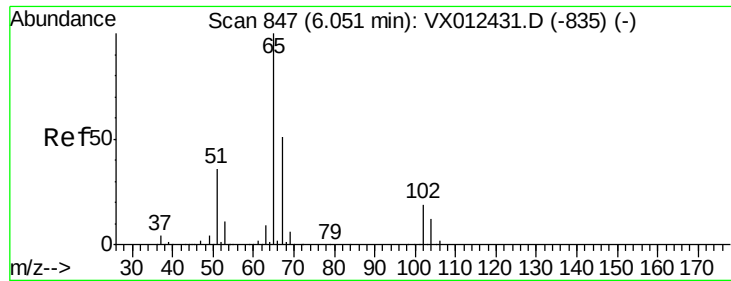
MMDadoda  
9/27/2019 8:53:50 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.966 ug/l  
RT: 5.48 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.5  | 51.3  | 76.9  |
| 61      | 44.7  | 36.1  | 54.1  |





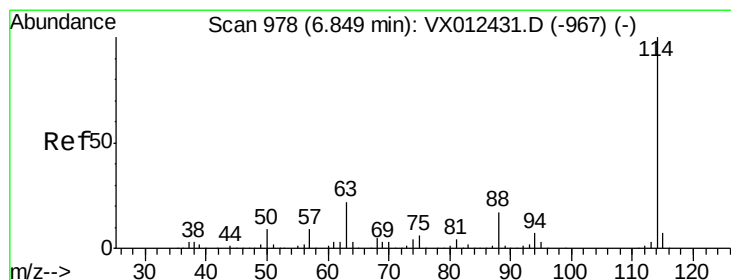
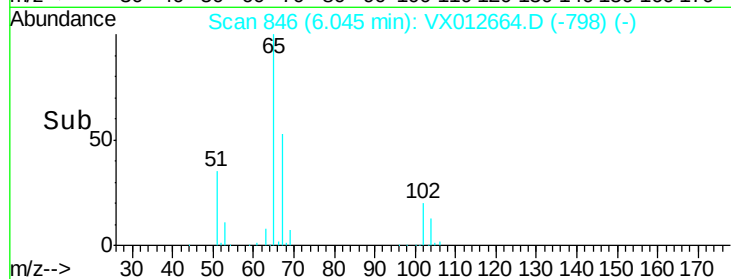
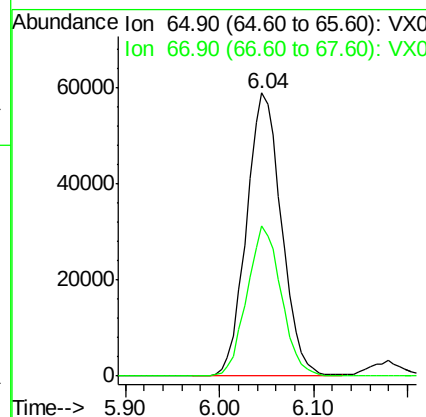
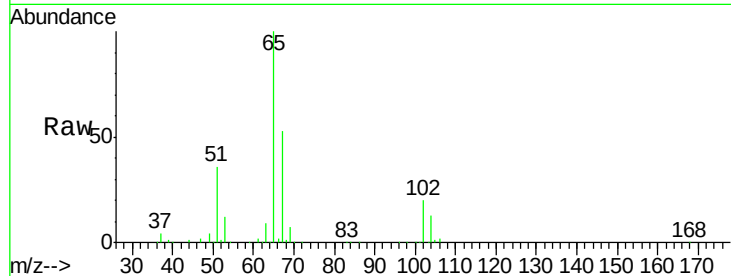
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.319 ug/l  
 RT: 6.04 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.8  | 0.0   | 101.2 |

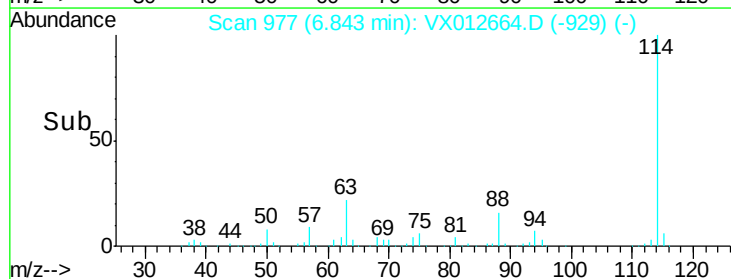
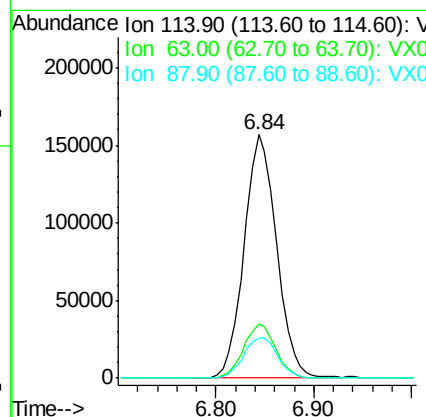
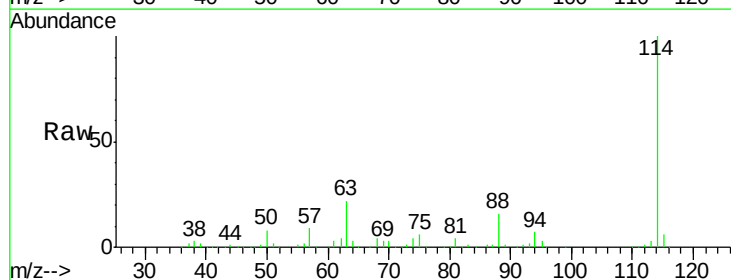
Manual Integrations  
 APPROVED

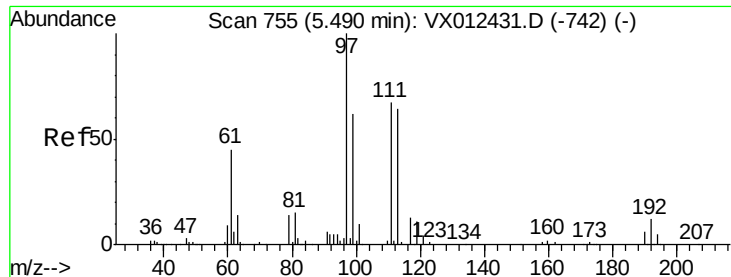
MMDadoda  
 9/27/2019 8:53:50 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 977  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.1  | 0.0   | 43.2  |
| 88      | 16.5  | 0.0   | 33.2  |





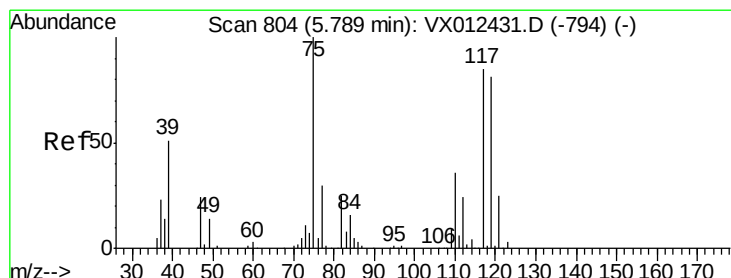
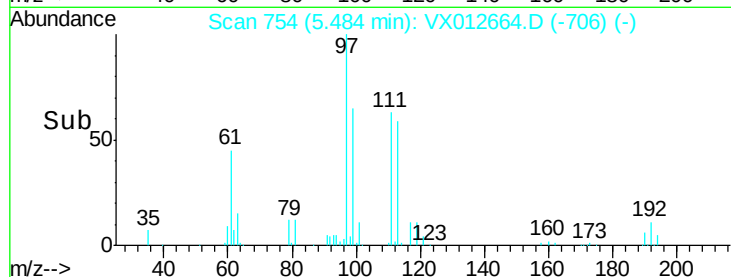
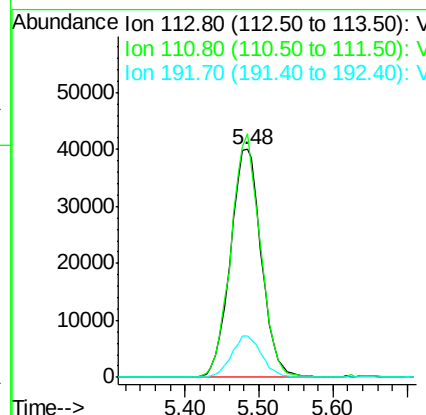
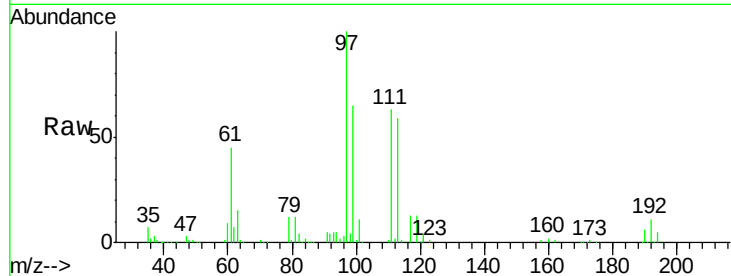
#35  
 Dibromofluoromethane  
 Concen: 54.062 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 116105 |       |       |
| 111     | 101.5 | 83.4   | 125.2 |       |
| 192     | 17.8  | 14.4   | 21.6  |       |

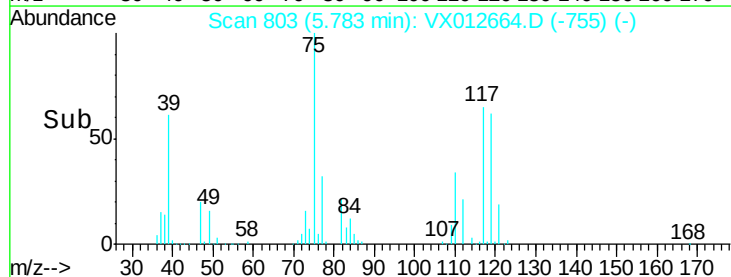
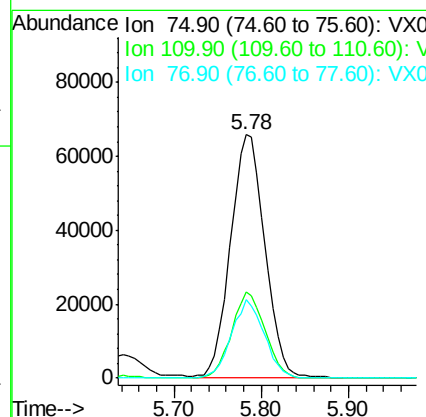
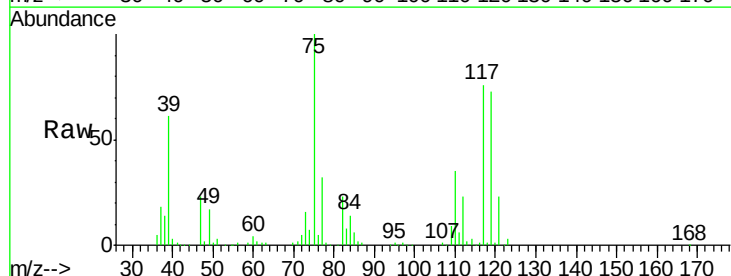
Manual Integrations  
 APPROVED

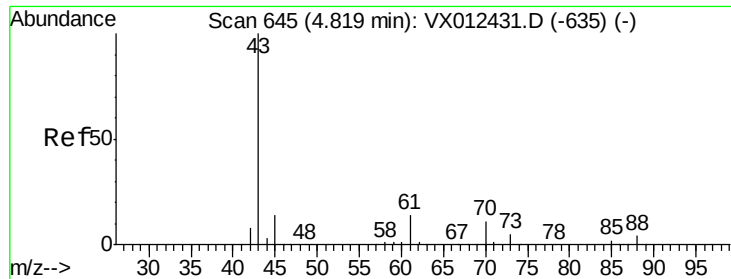
MMDadoda  
 9/27/2019 8:53:50 AM



#36  
 1,1-Dichloropropene  
 Concen: 51.432 ug/l  
 RT: 5.78 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 178777 |       |       |
| 110     | 34.5  | 16.7   | 50.0  |       |
| 77      | 31.5  | 24.2   | 36.2  |       |





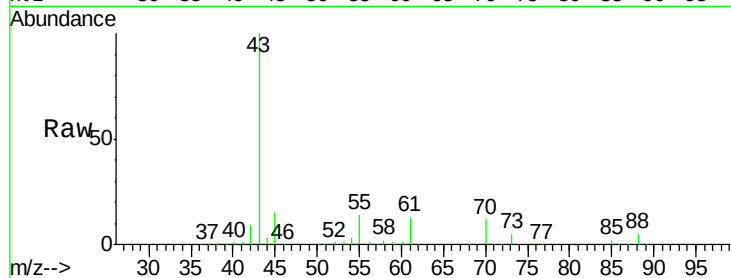
#37  
Ethyl Acetate  
Concen: 48.982 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

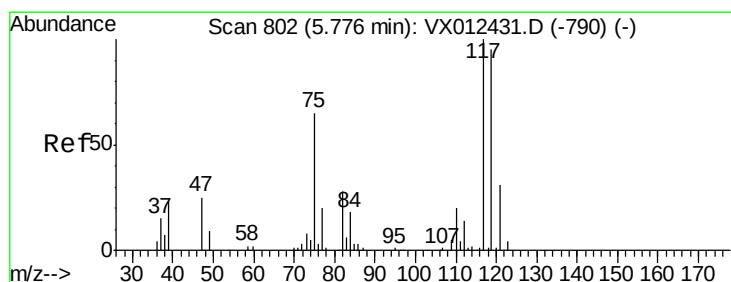
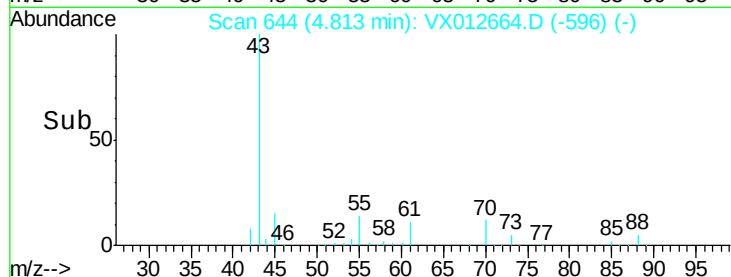
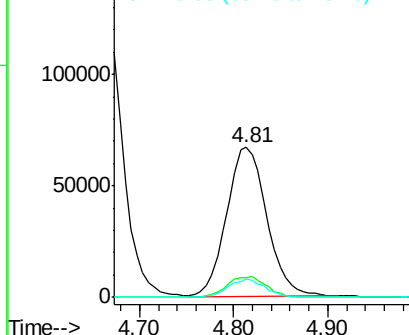
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 199051 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.9  | 10.2  | 15.4   |
| 70       | 11.5  | 8.7   | 13.1   |

Manual Integrations  
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9/27/2019 8:53:50 AM

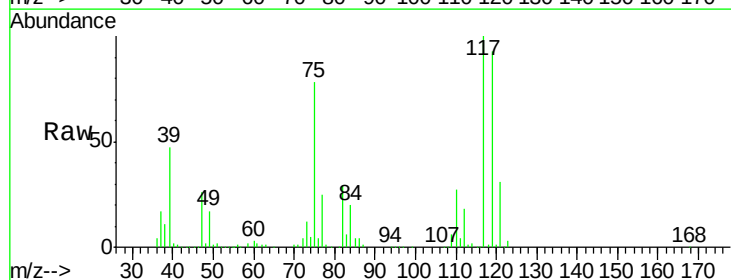


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

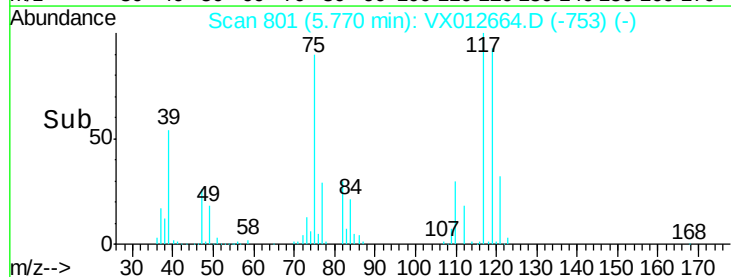
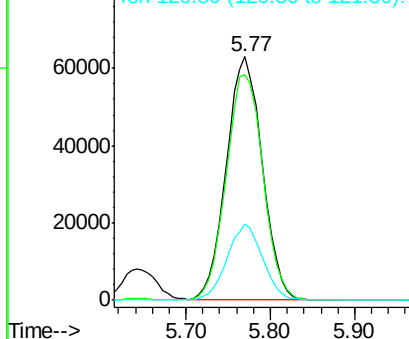


#38  
Carbon Tetrachloride  
Concen: 51.717 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

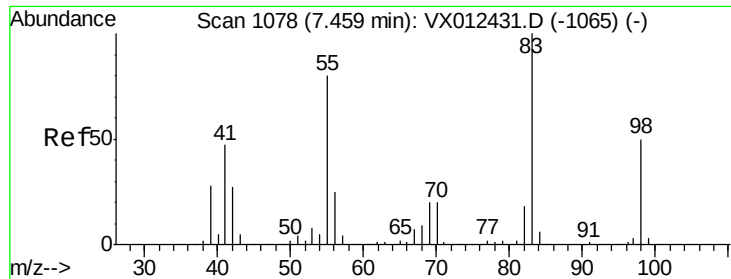
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 182611 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.8  | 75.7  | 113.5  |
| 121      | 31.4  | 24.2  | 36.4   |



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V







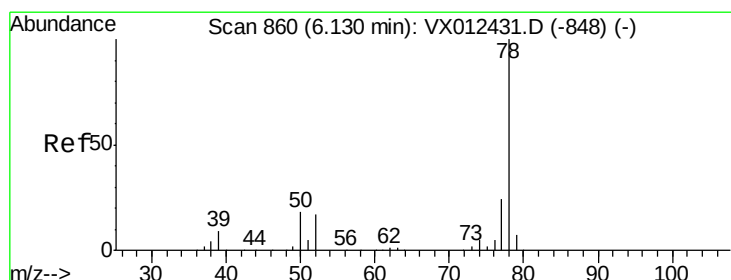
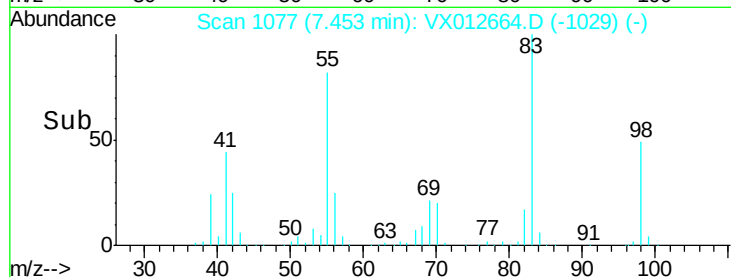
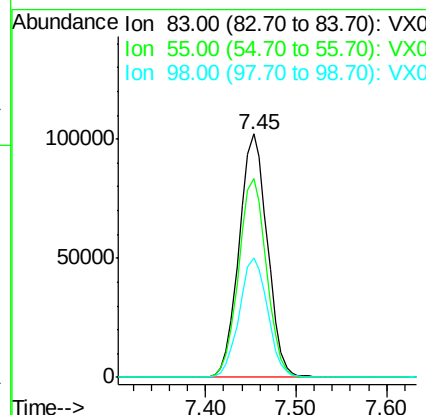
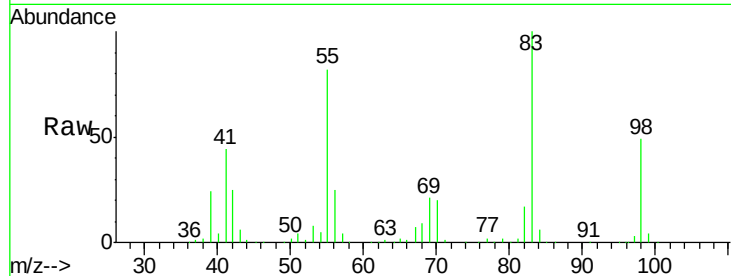
#39  
Methylvlcyclohexane  
Concen: 52.828 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 221064 |       |       |
| 55      | 81.5  | 64.4   | 96.6  |       |
| 98      | 48.9  | 40.1   | 60.1  |       |

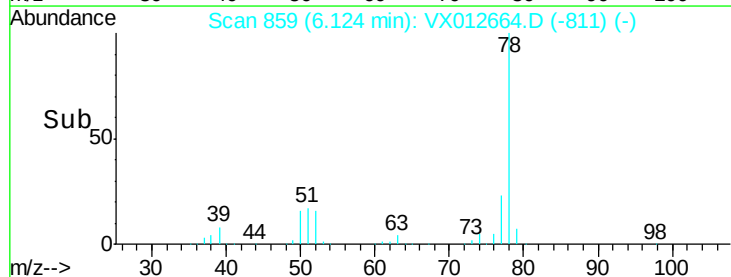
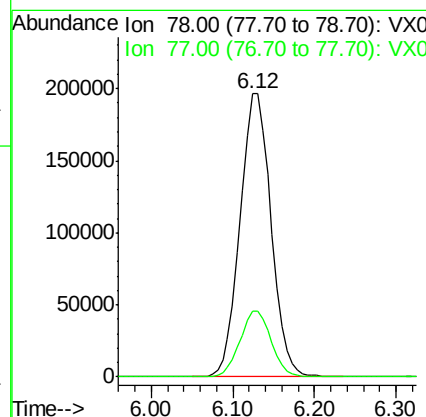
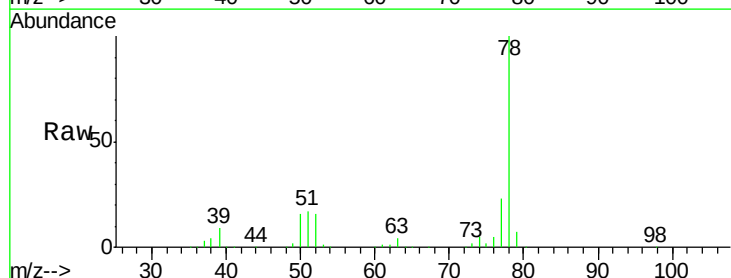
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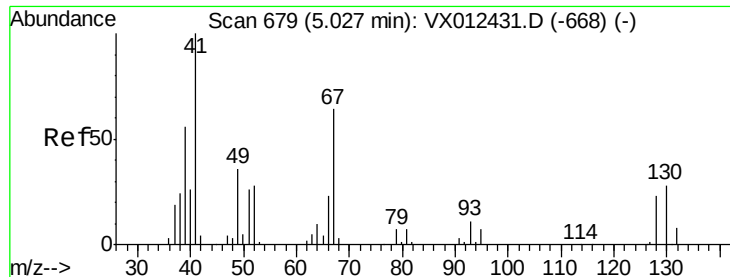
MMDadoda  
9/27/2019 8:53:50 AM



#40  
Benzene  
Concen: 50.712 ug/l  
RT: 6.12 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 518648 |       |       |
| 77      | 23.5  | 19.2   | 28.8  |       |





#41

Methacrylonitrile

Concen: 48.771 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 111200  
Ion Ratio Lower Upper

41 100

39 54.0 46.0 69.0

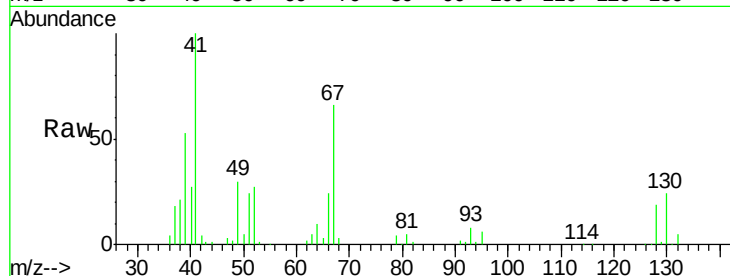
67 69.9 52.2 78.2

52 29.2 22.7 34.1

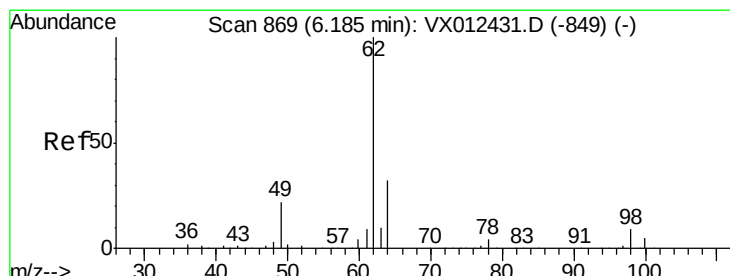
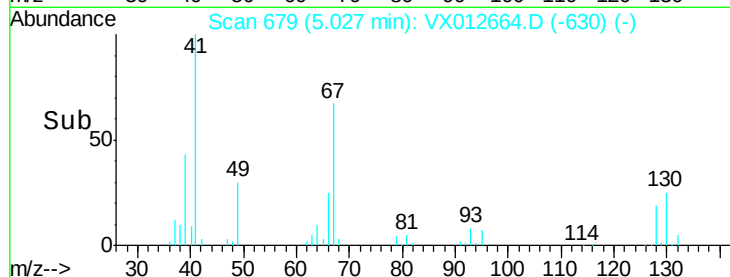
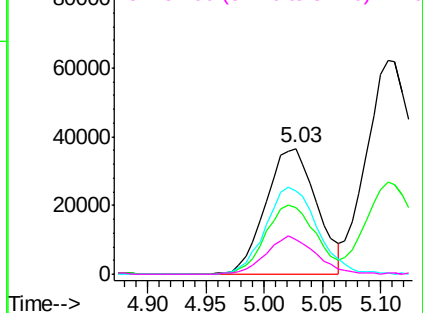
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Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.369 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

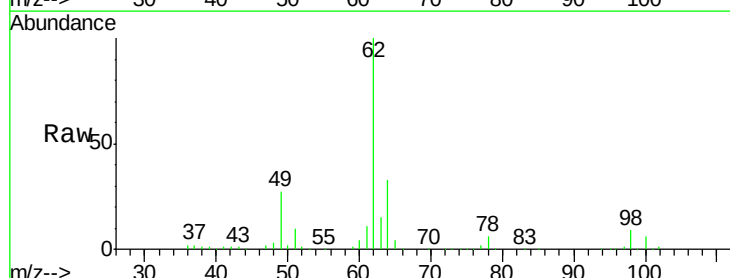
Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

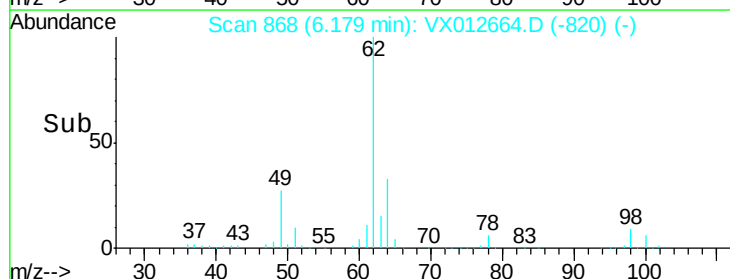
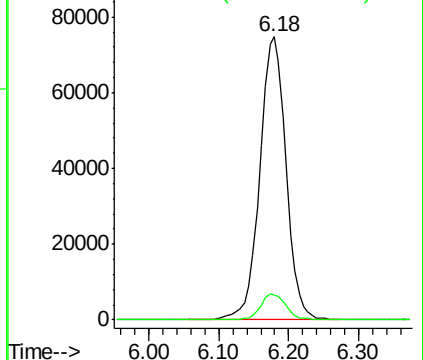
Tgt Ion: 62 Resp: 195619  
Ion Ratio Lower Upper

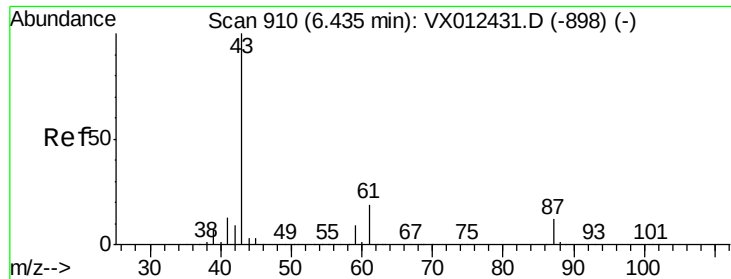
62 100

98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

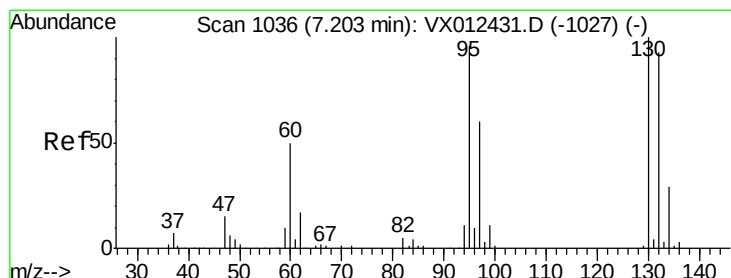
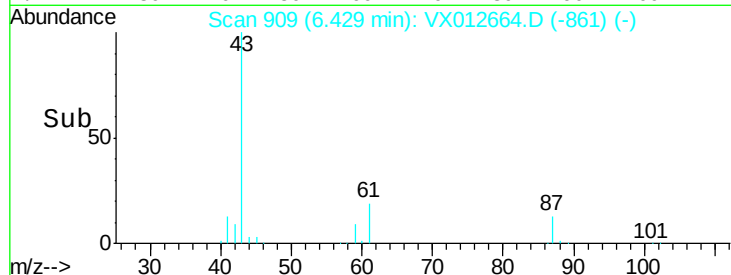
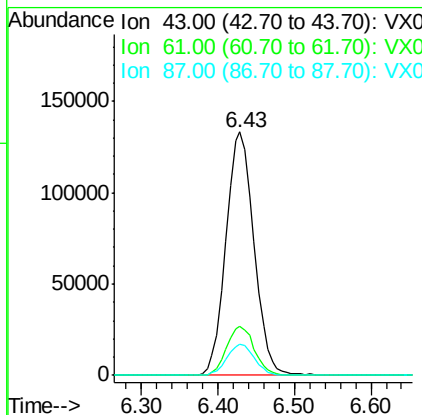
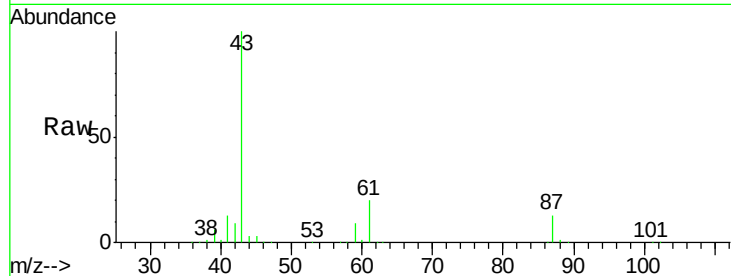
Isopropyl Acetate  
 Concen: 49.543 ug/l  
 RT: 6.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.1  | 15.4  | 23.0  |
| 87      | 12.9  | 9.8   | 14.8  |

Manual Integrations  
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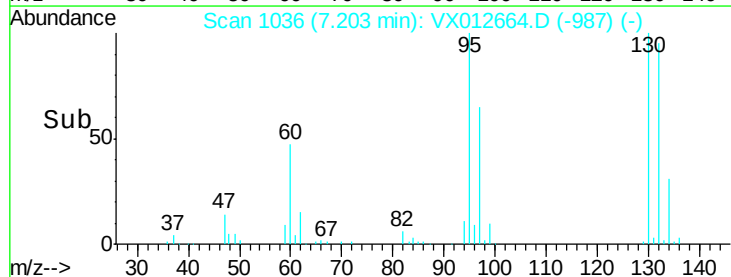
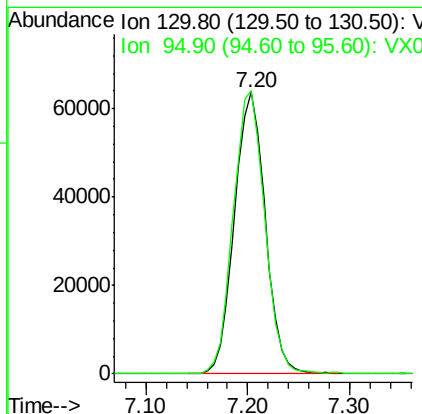
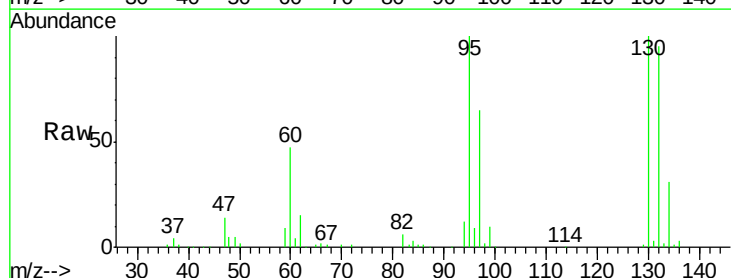
MMDadoda  
 9/27/2019 8:53:50 AM

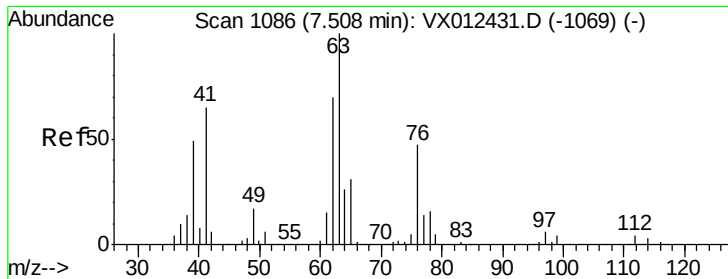


#44

Trichloroethene  
 Concen: 51.075 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.4 | 0.0   | 193.0 |





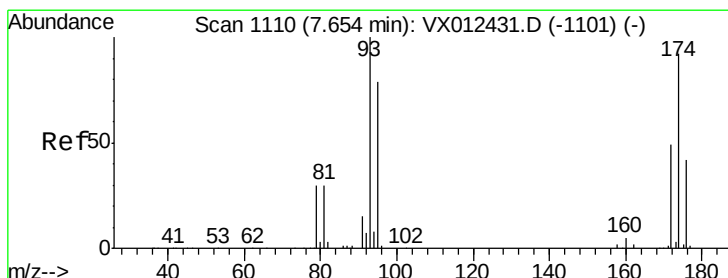
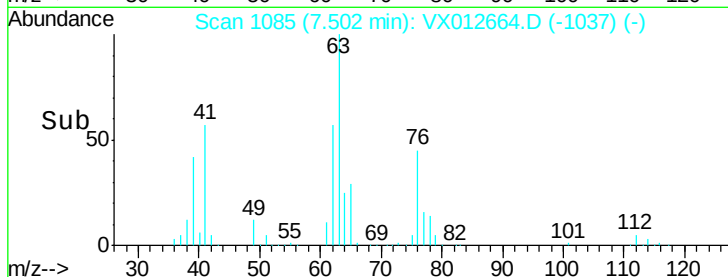
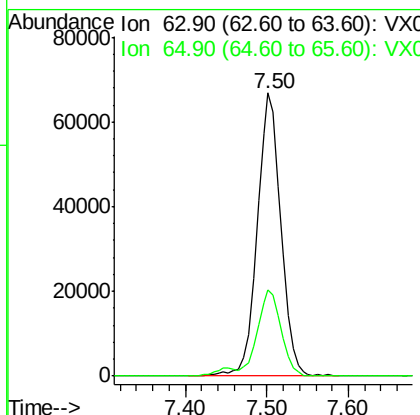
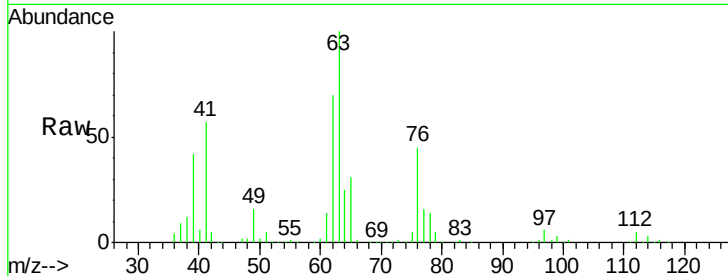
#45  
 1,2-Dichloropropane  
 Concen: 51.842 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 135743  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 25.0 37.6

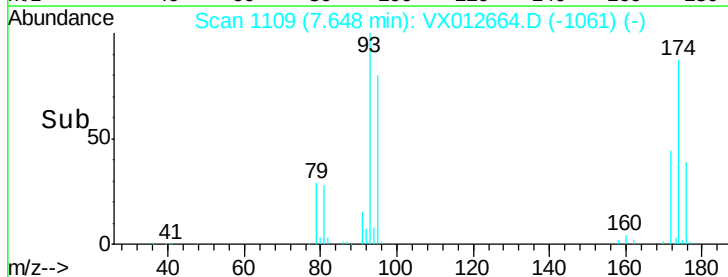
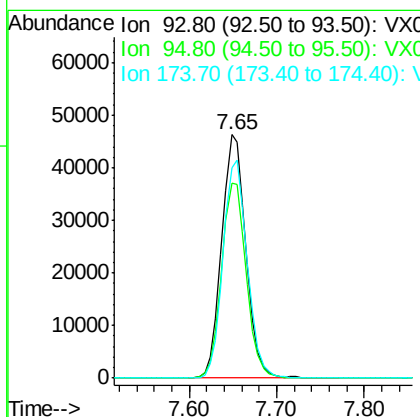
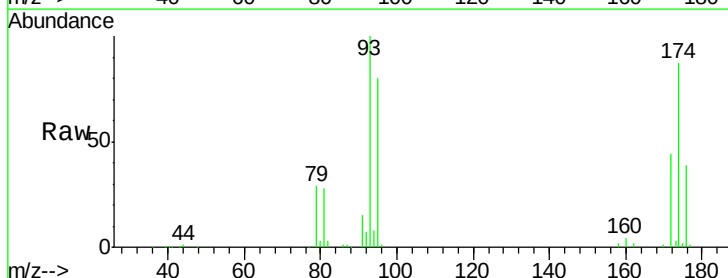
Manual Integrations  
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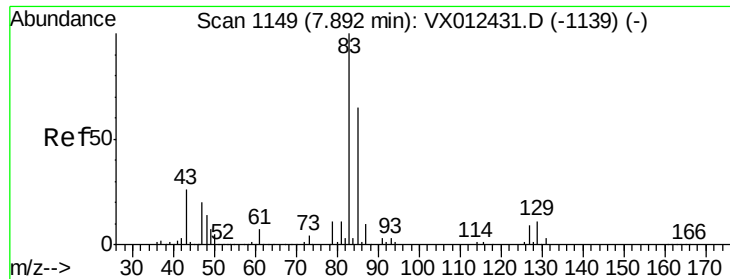
MMDadoda  
 9/27/2019 8:53:50 AM



#46  
 Dibromomethane  
 Concen: 49.778 ug/l  
 RT: 7.65 min Scan# 1109  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Tgt Ion: 93 Resp: 88742  
 Ion Ratio Lower Upper  
 93 100  
 95 81.9 66.6 100.0  
 174 89.7 77.4 116.0





#47

Bromodichloromethane

Concen: 52.534 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 187182

Ion Ratio Lower Upper

83 100

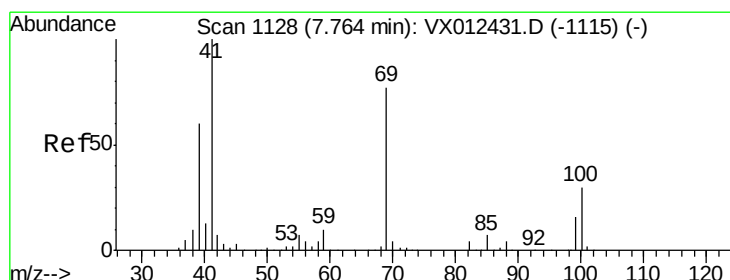
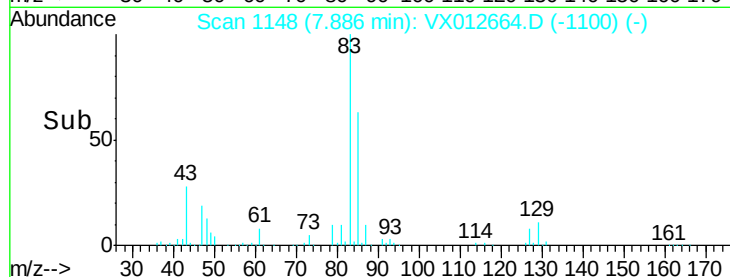
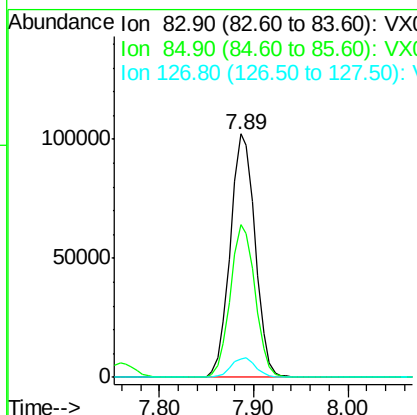
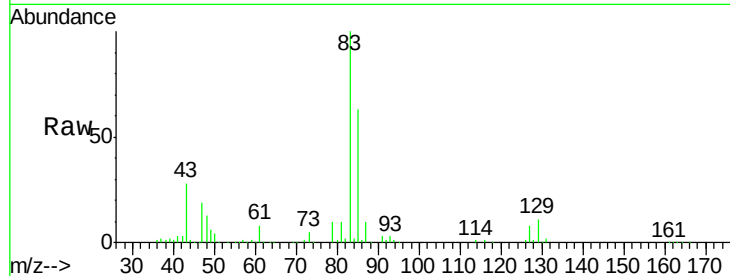
85 62.5 51.8 77.6

127 7.6 7.3 10.9

Manual Integrations  
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#48

Methyl methacrylate

Concen: 50.683 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

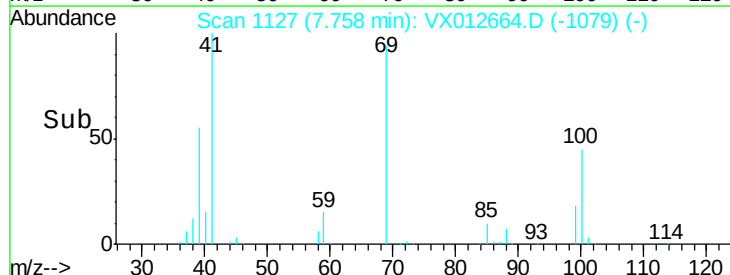
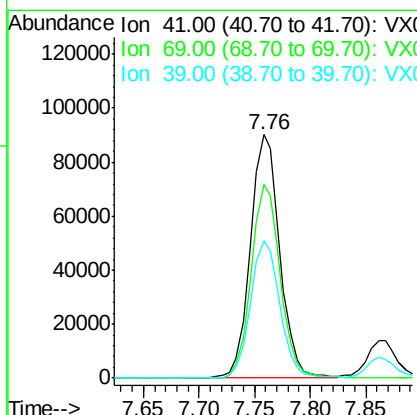
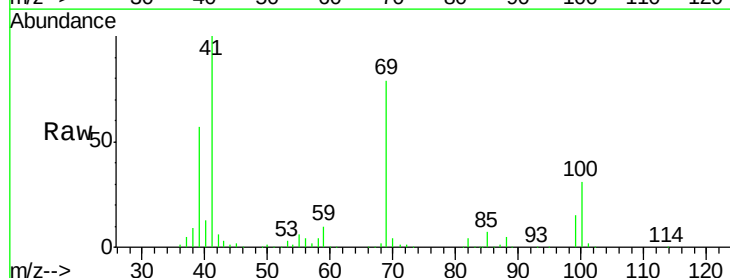
Tgt Ion: 41 Resp: 165154

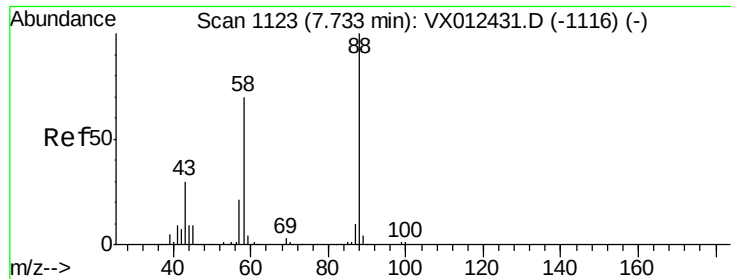
Ion Ratio Lower Upper

41 100

69 79.3 59.9 89.9

39 57.1 47.8 71.6





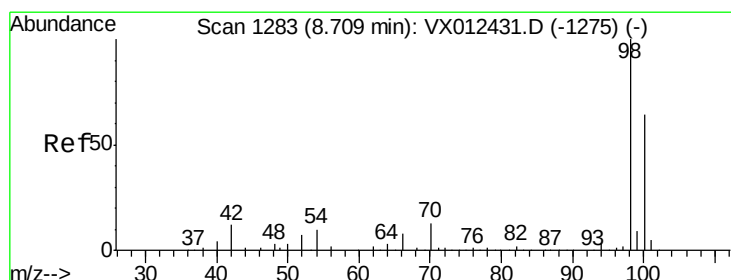
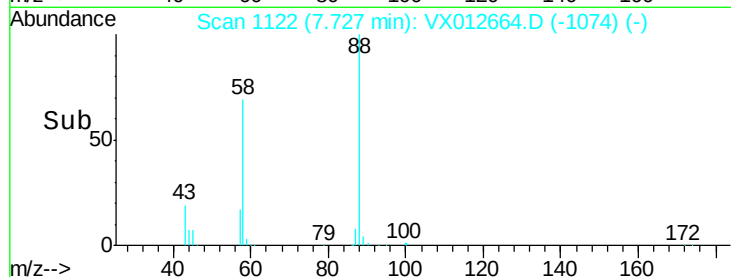
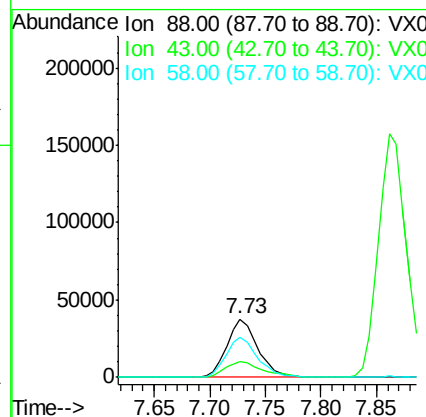
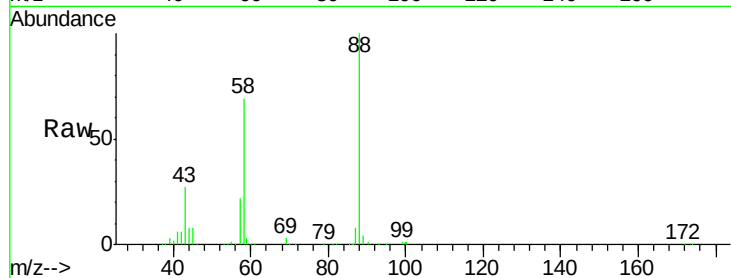
#49  
1,4-Dioxane  
Concen: 972.405 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.5  | 29.4  | 44.0  |
| 58      | 71.1  | 57.5  | 86.3  |

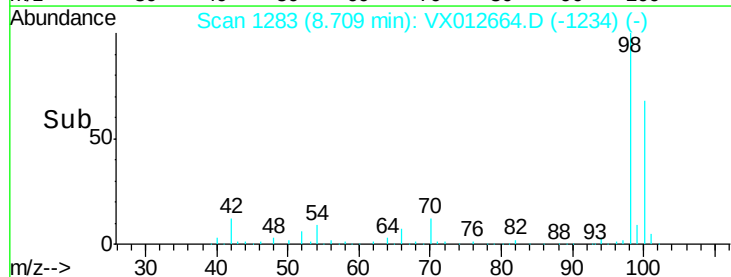
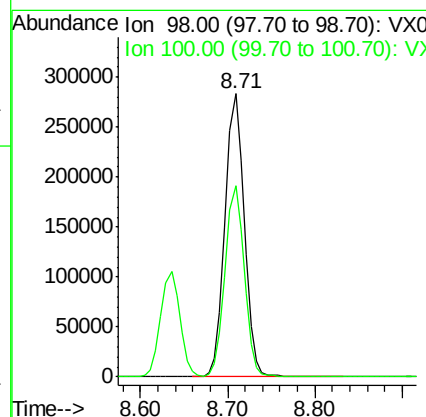
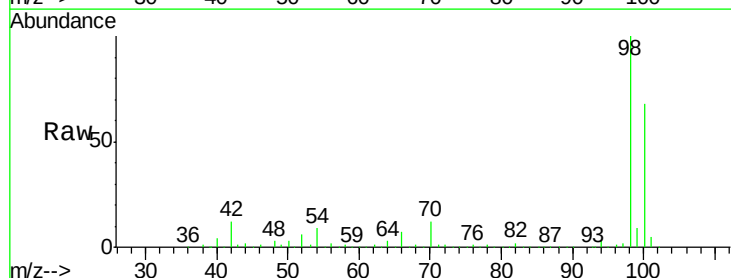
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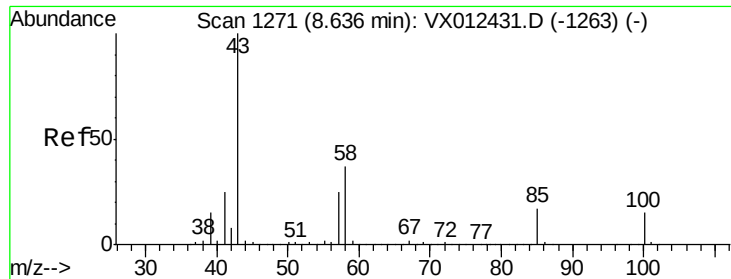
MMDadoda  
9/27/2019 8:53:50 AM



#50  
Toluene-d8  
Concen: 52.641 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.5  | 53.4  | 80.2  |





#51

4-Methyl-2-Pentanone

Concen: 241.436 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1012820

Ion Ratio Lower Upper

43 100

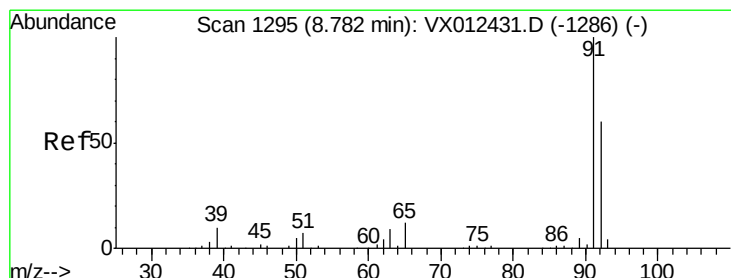
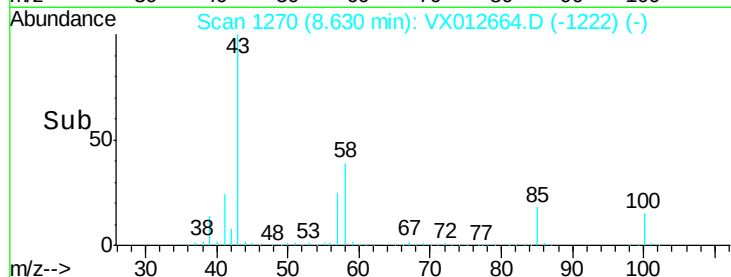
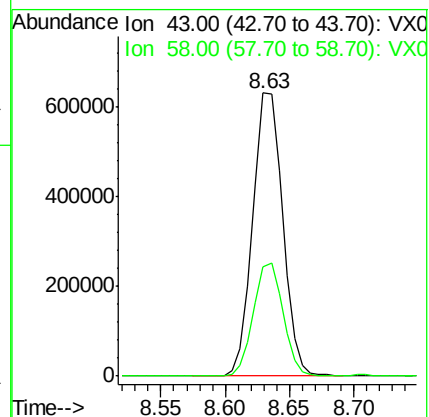
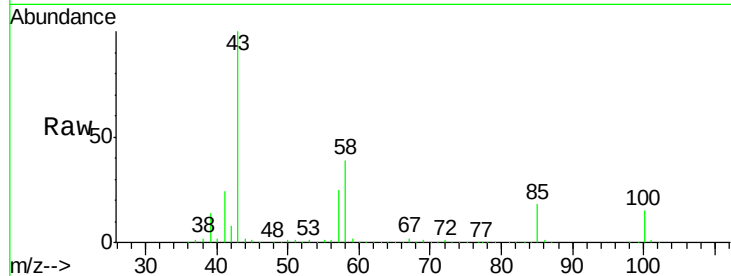
58 39.6 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 51.658 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012664.D

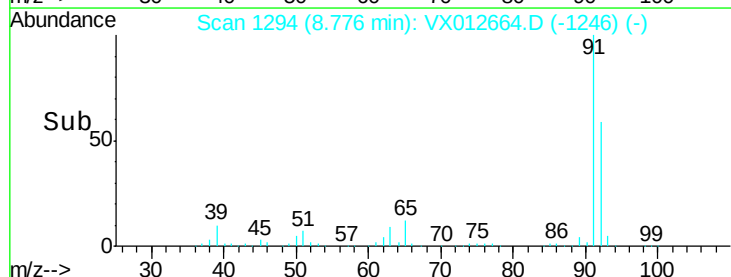
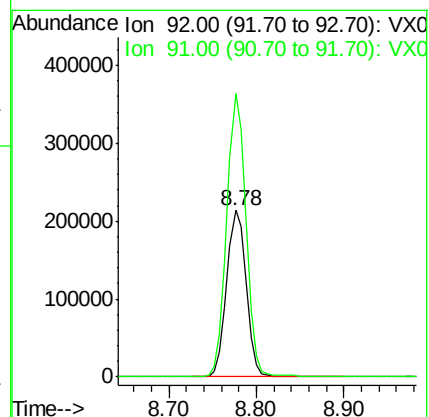
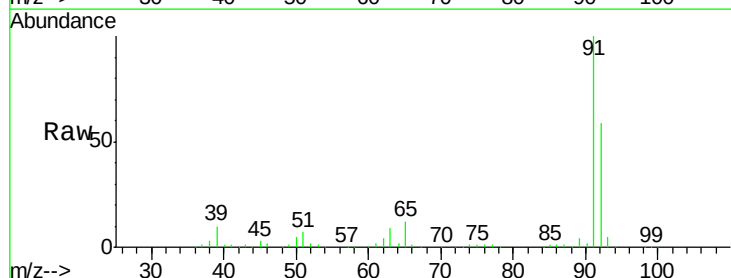
Acq: 26 Sep 2019 10:58

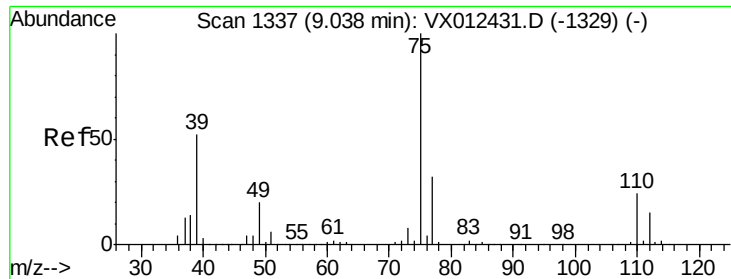
Tgt Ion: 92 Resp: 332051

Ion Ratio Lower Upper

92 100

91 167.2 135.4 203.0





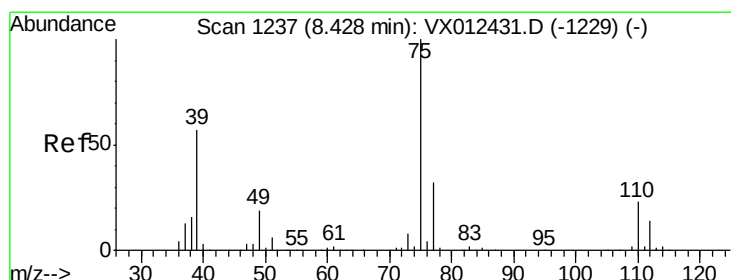
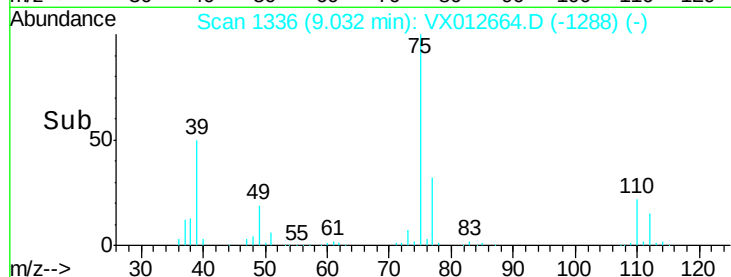
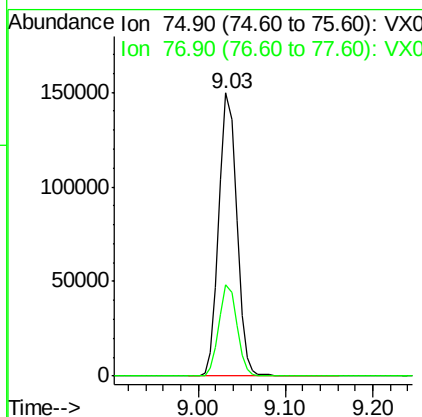
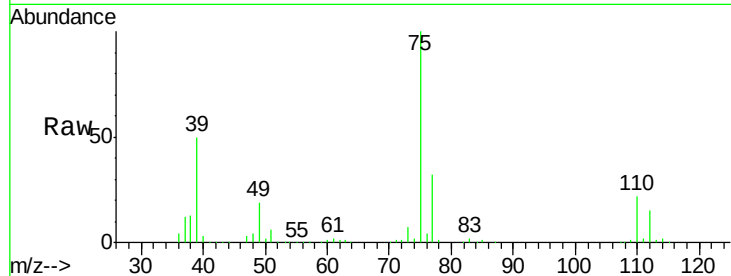
#53  
t-1,3-Dichloropropene  
Concen: 54.145 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 213451  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.2 37.8

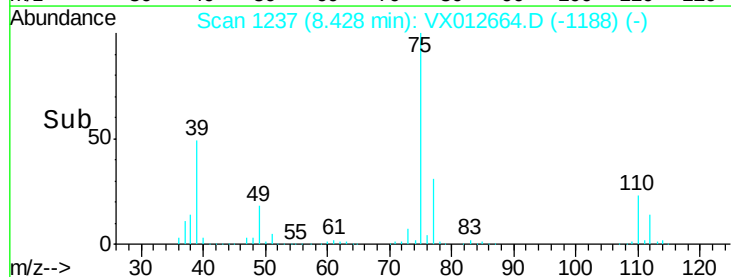
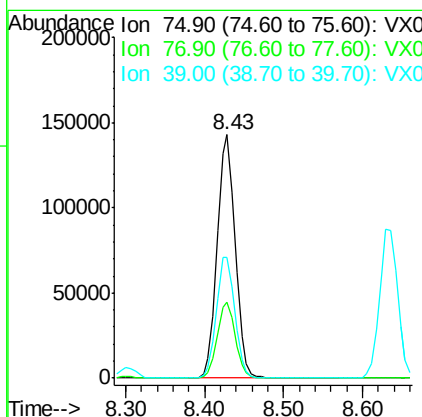
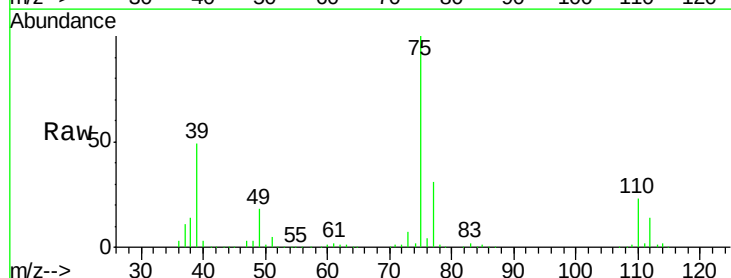
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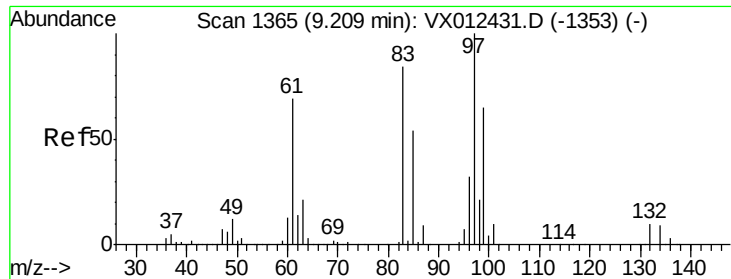


#54  
cis-1,3-Dichloropropene  
Concen: 52.919 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Tgt Ion: 75 Resp: 227778  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.8 38.8  
39 49.3 45.5 68.3







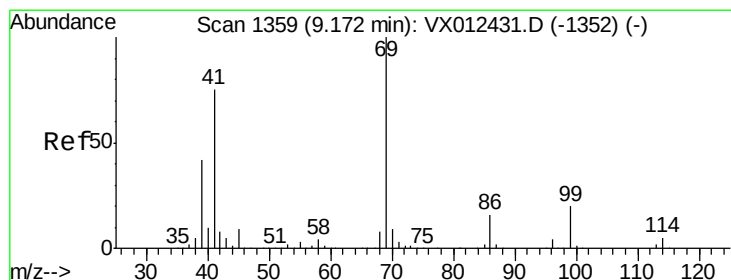
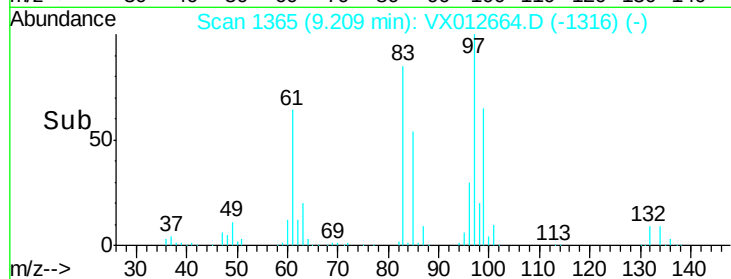
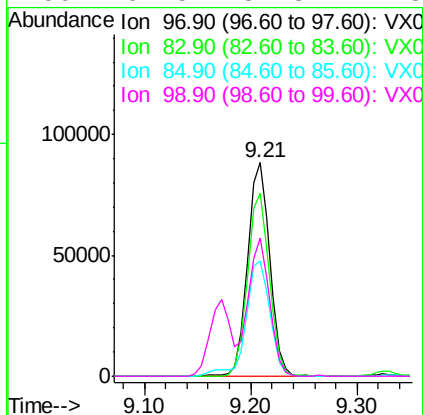
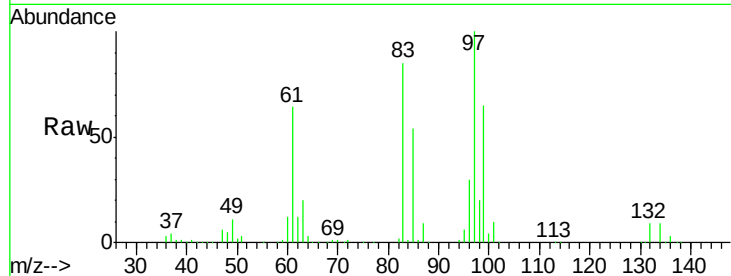
#55  
 1,1,2-Trichloroethane  
 Concen: 50.729 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 129641 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 85.4  | 67.4  | 101.2  |
| 85        | 53.7  | 43.5  | 65.3   |
| 99        | 64.5  | 51.8  | 77.8   |

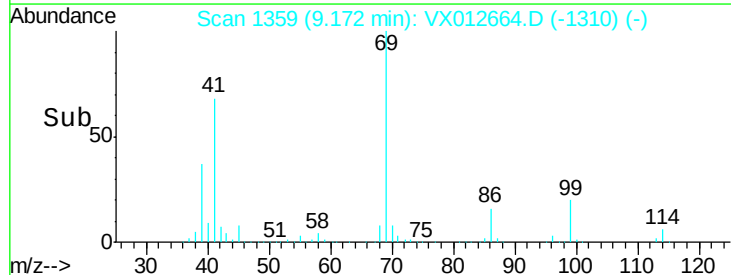
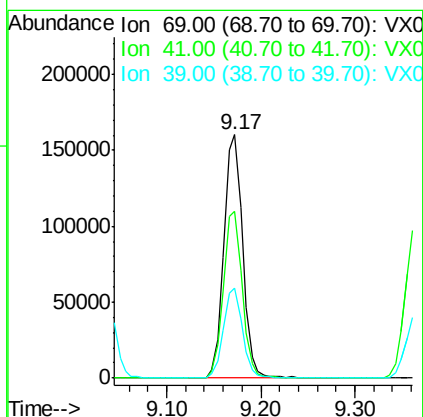
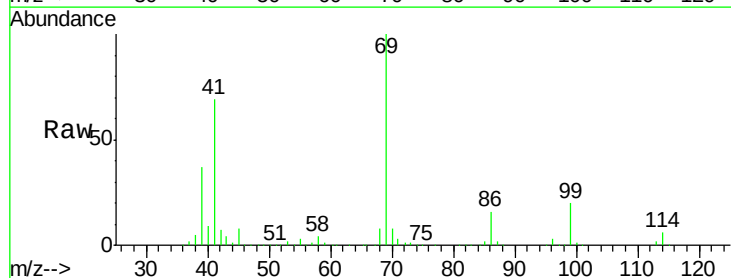
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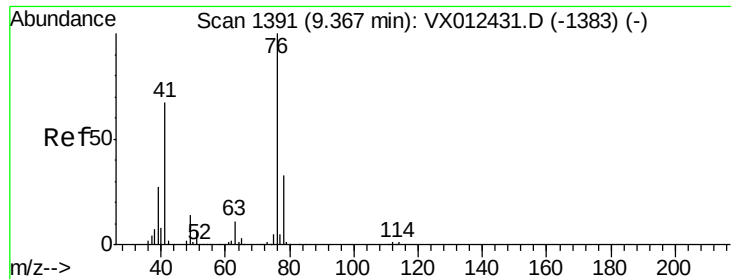
MMDadoda  
 9/27/2019 8:53:50 AM



#56  
 Ethyl methacrylate  
 Concen: 51.793 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 222366 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 68.5  | 58.4  | 87.6   |
| 39        | 37.3  | 33.4  | 50.0   |





#57

1,3-Dichloropropane

Concen: 50.822 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 227309

Ion Ratio Lower Upper

76 100

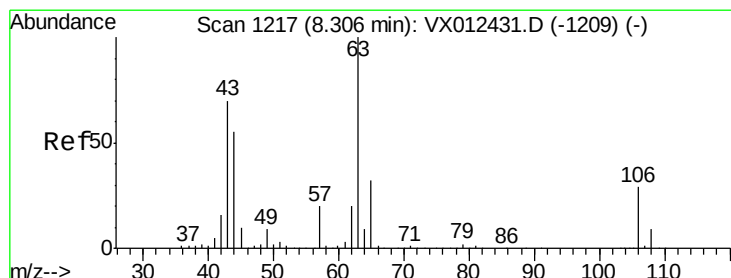
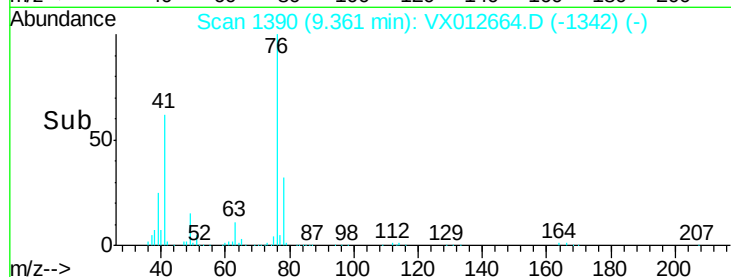
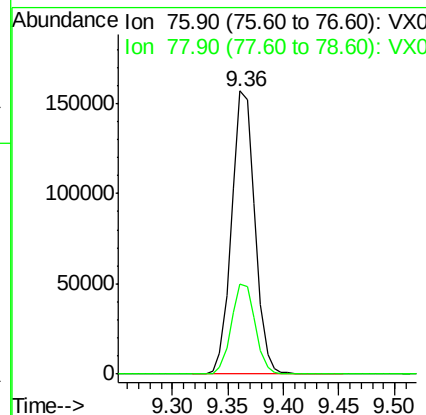
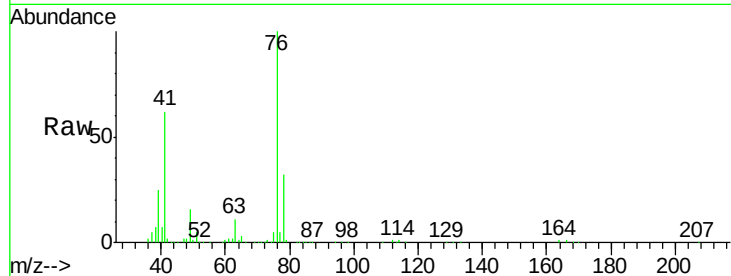
78 32.4 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 247.606 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012664.D

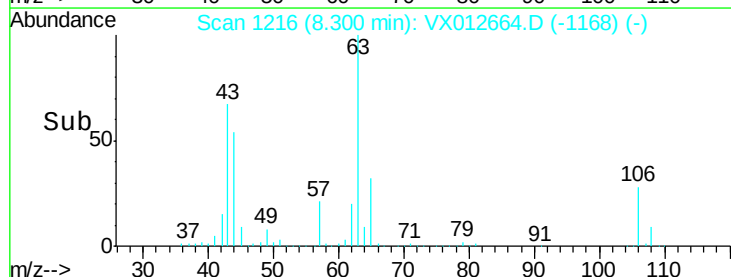
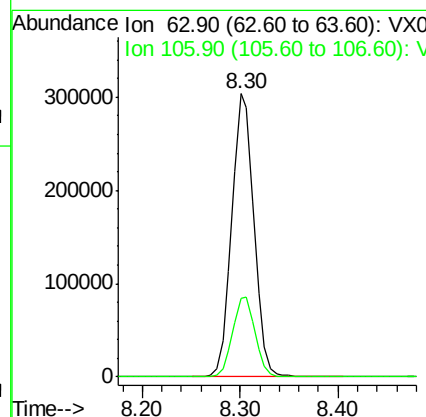
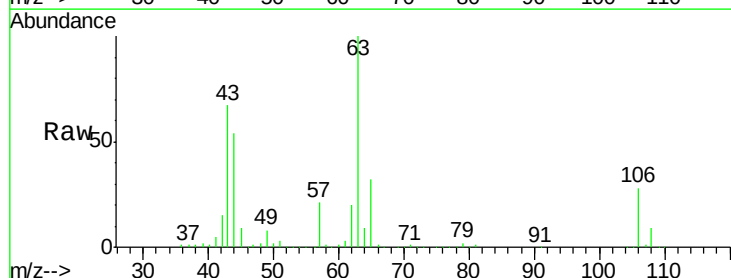
Acq: 26 Sep 2019 10:58

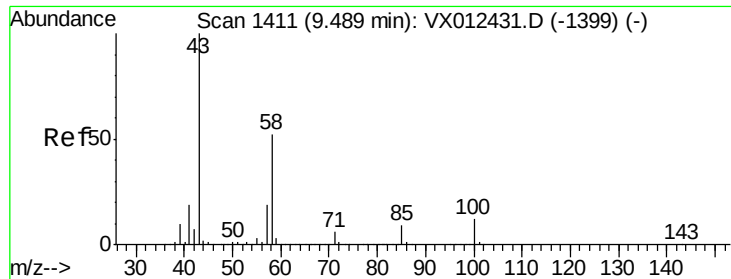
Tgt Ion: 63 Resp: 477179

Ion Ratio Lower Upper

63 100

106 28.8 23.8 35.6





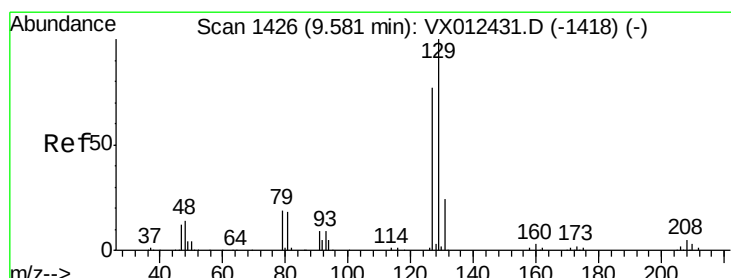
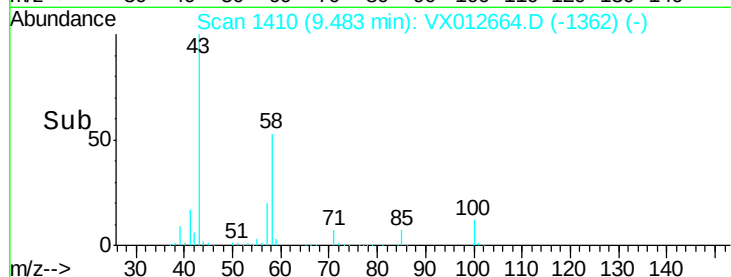
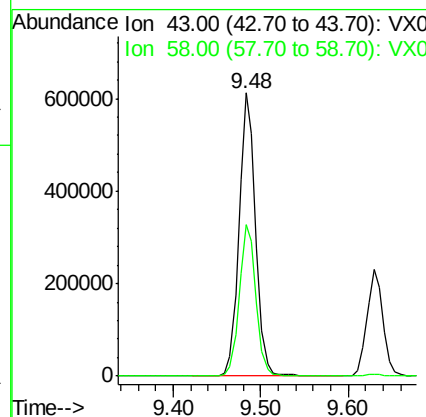
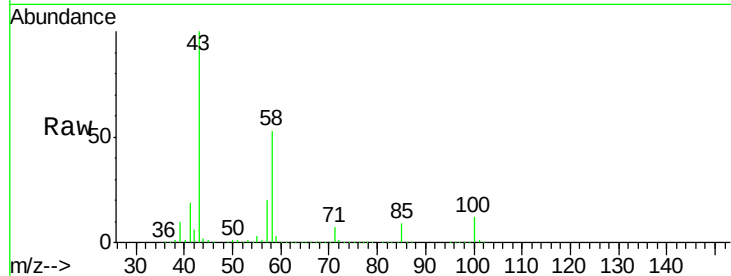
#59  
2-Hexanone  
Concen: 252.137 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 809611  
Ion Ratio Lower Upper  
43 100  
58 54.1 25.7 77.1

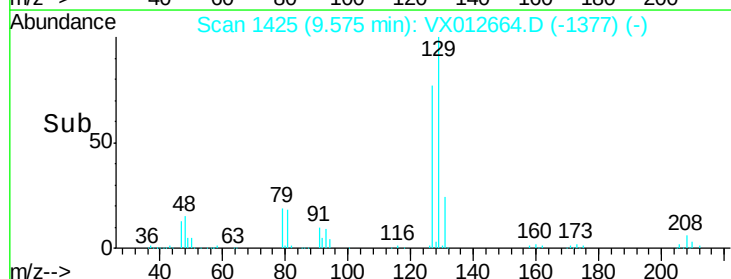
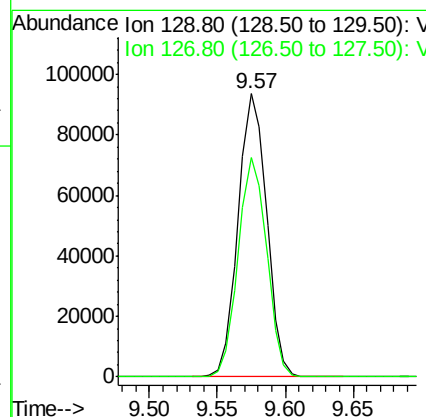
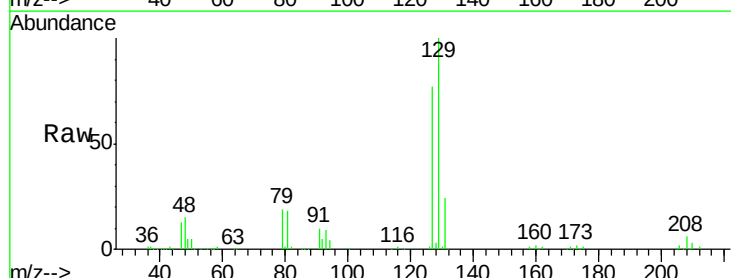
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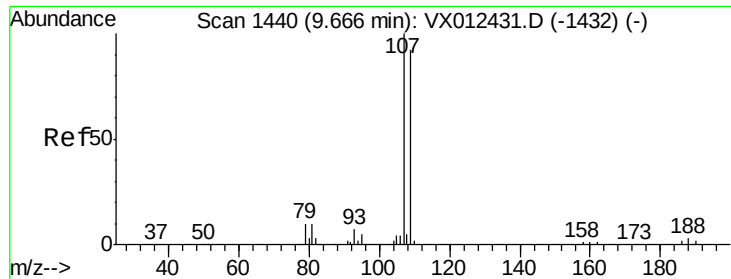
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 53.145 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Tgt Ion: 129 Resp: 137483  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.597 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 134570

Ion Ratio Lower Upper

107 100

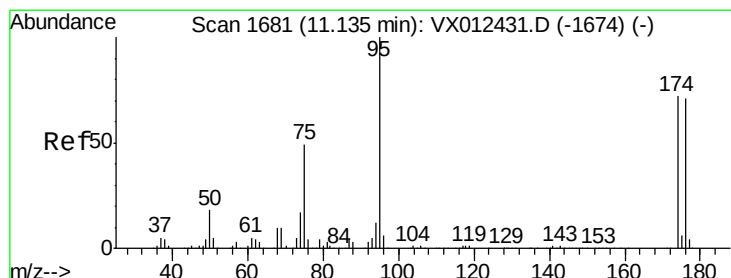
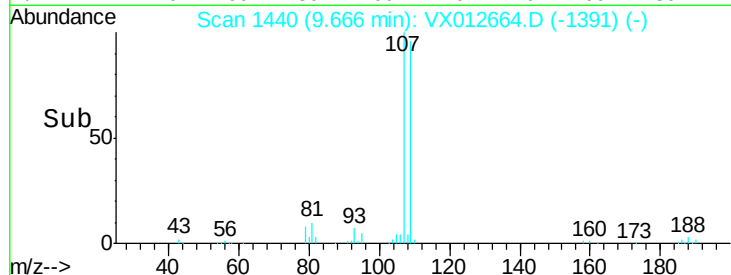
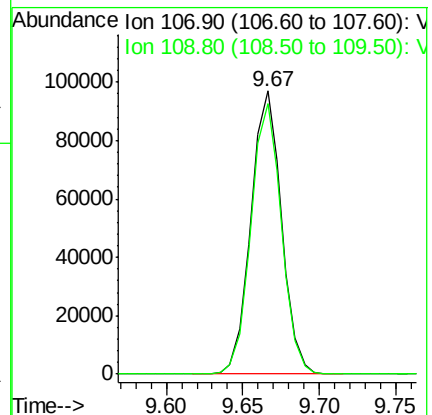
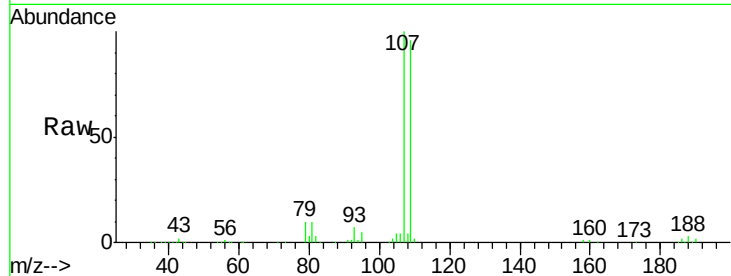
109 95.6 74.7 112.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 54.483 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

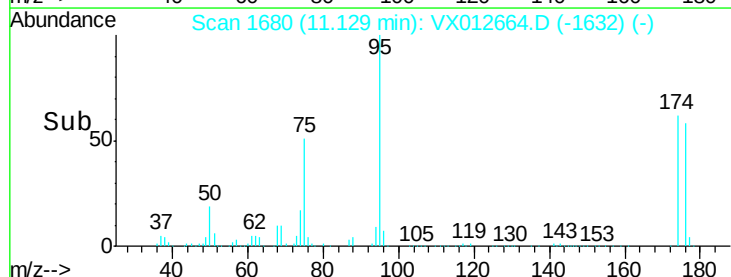
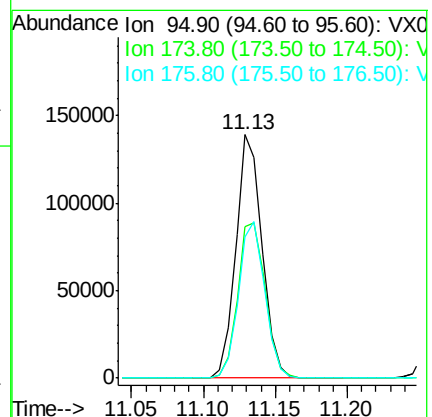
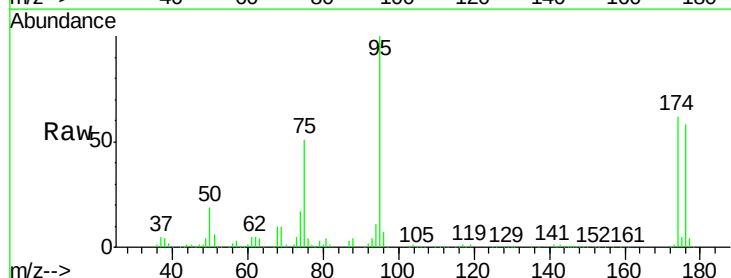
Tgt Ion: 95 Resp: 177183

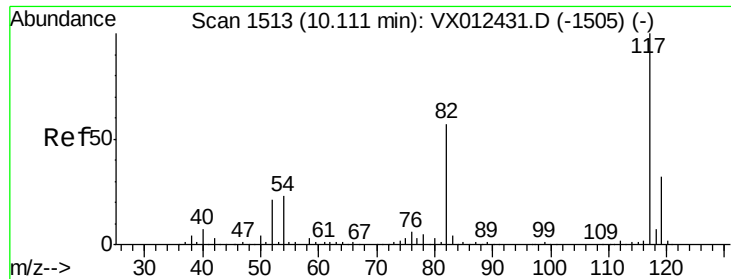
Ion Ratio Lower Upper

95 100

174 67.1 0.0 140.0

176 64.5 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

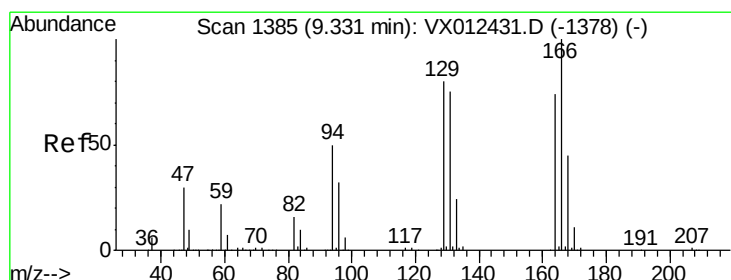
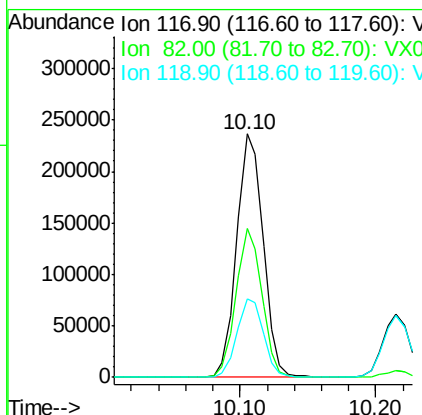
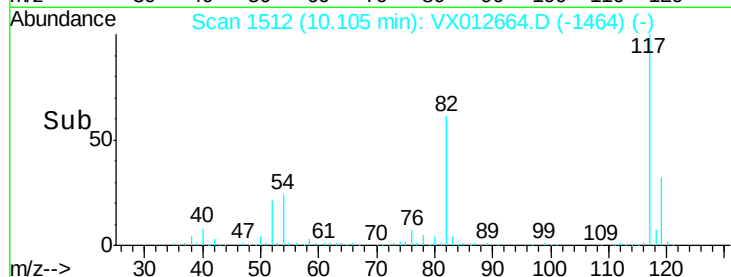
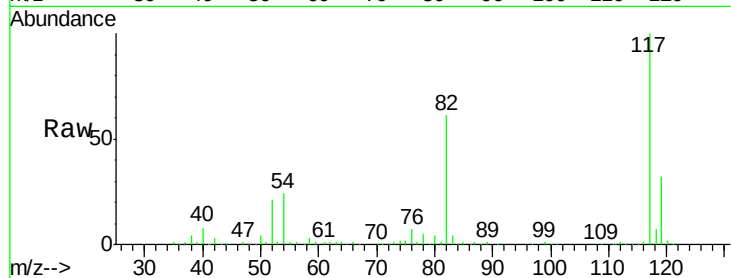
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 321367 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 61.2  | 45.9  | 68.9   |
| 119       | 32.1  | 25.3  | 37.9   |

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#64

Tetrachloroethene

Concen: 51.661 ug/l

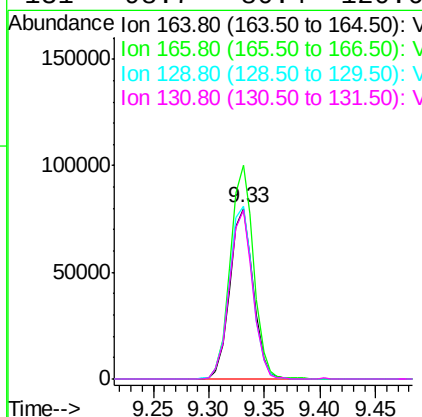
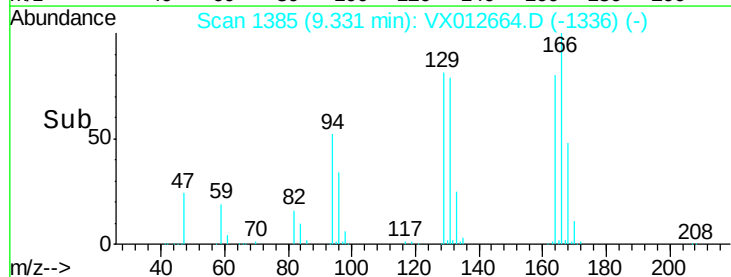
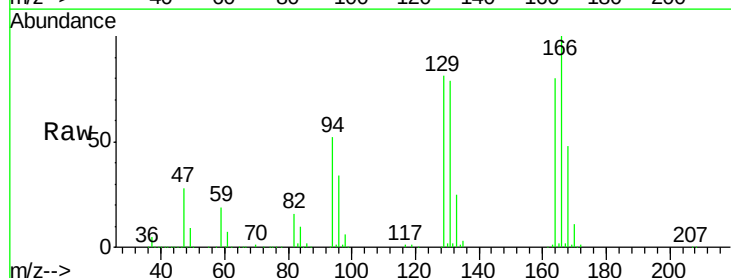
RT: 9.33 min Scan# 1385

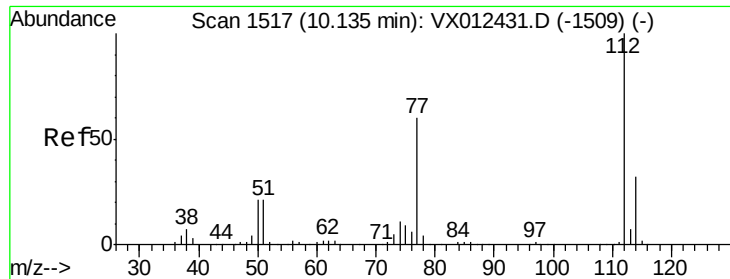
Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 115753 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 166       | 125.1 | 107.8 | 161.6  |
| 129       | 101.6 | 86.2  | 129.2  |
| 131       | 98.7  | 80.4  | 120.6  |





#65

Chlorobenzene

Concen: 50.773 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 343596

Ion Ratio Lower Upper

112 100

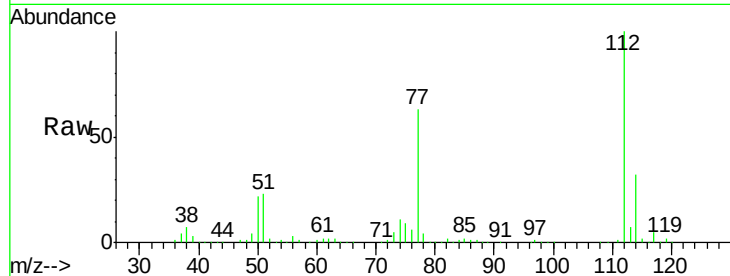
114 32.5 25.4 38.0

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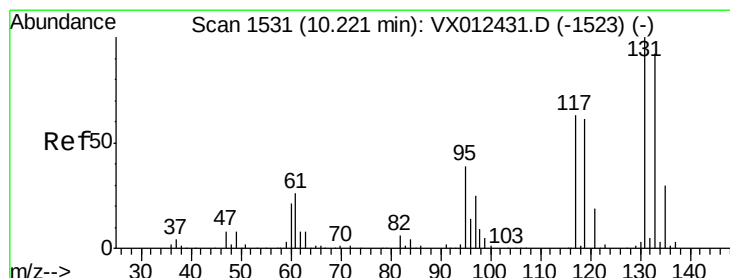
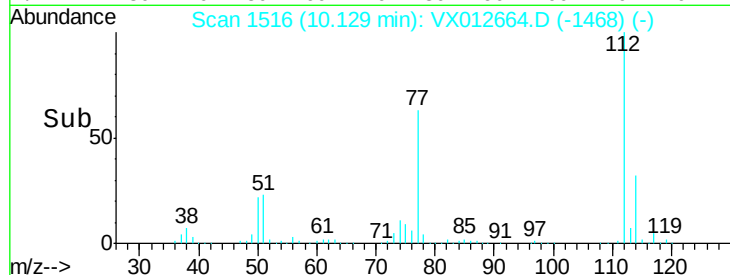
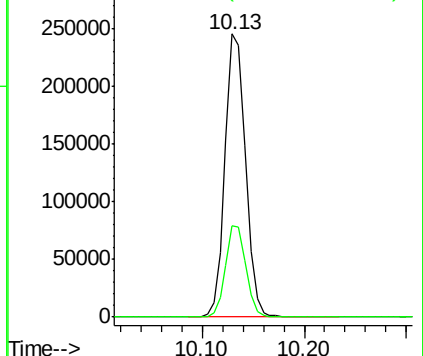
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.719 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

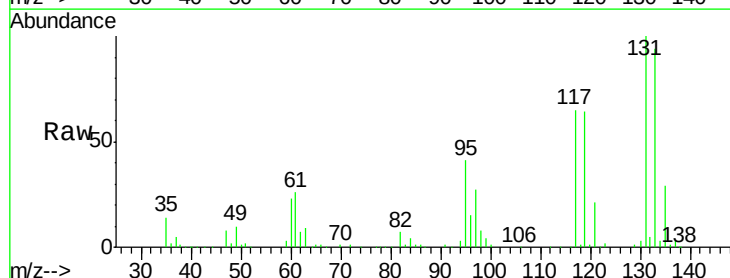
Tgt Ion:131 Resp: 126812

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.9

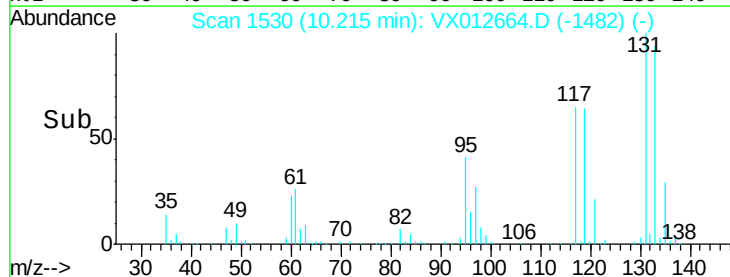
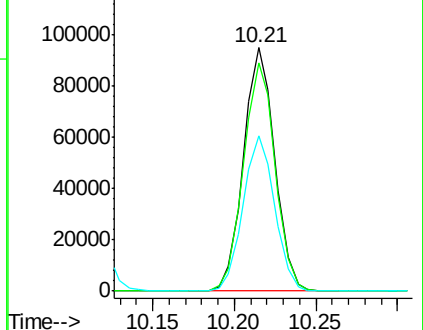
119 64.8 31.3 93.8

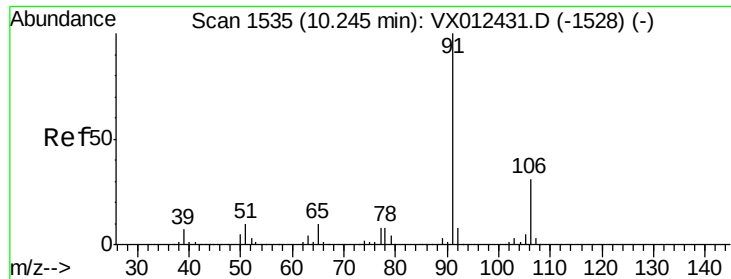


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





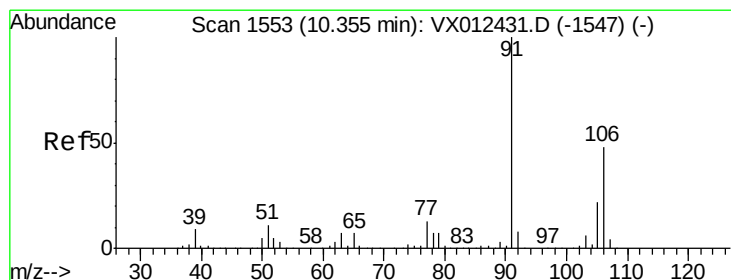
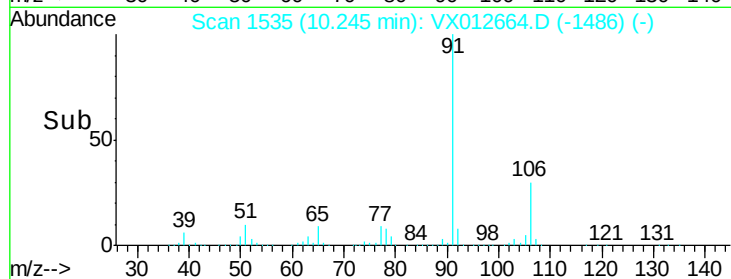
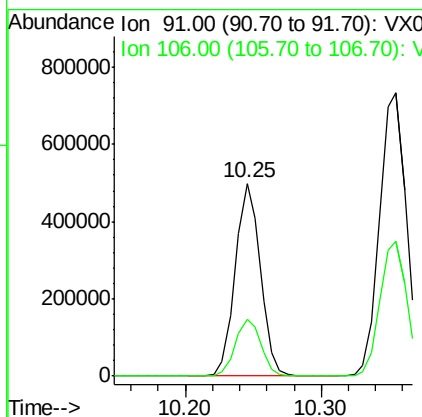
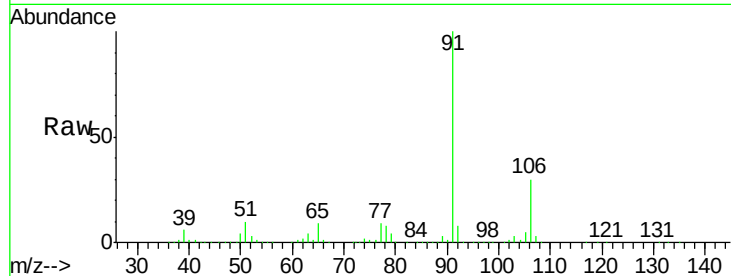
#67  
Ethyl Benzene  
Concen: 52.404 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 643211  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 37.0

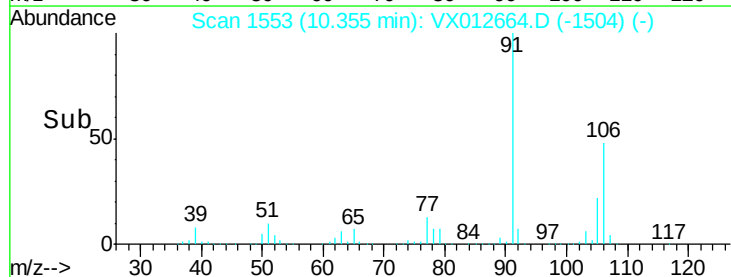
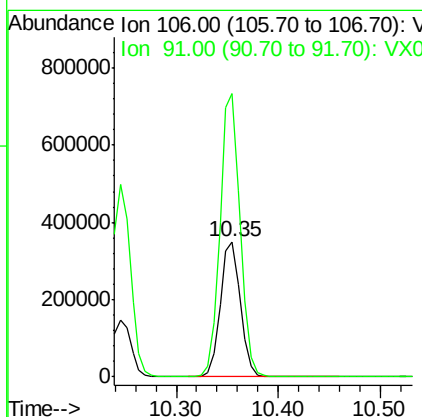
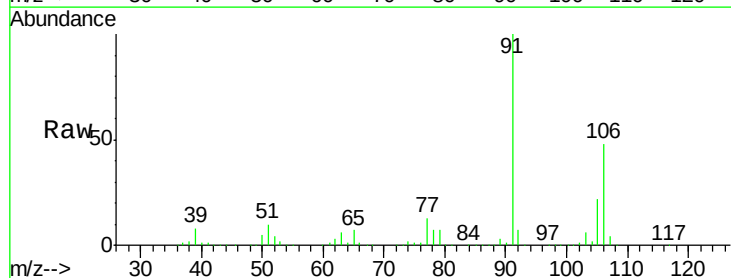
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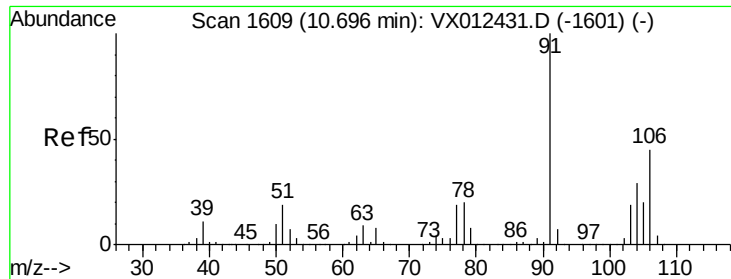
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#68  
m/p-Xylenes  
Concen: 104.480 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Tgt Ion: 106 Resp: 480389  
Ion Ratio Lower Upper  
106 100  
91 209.5 166.6 250.0





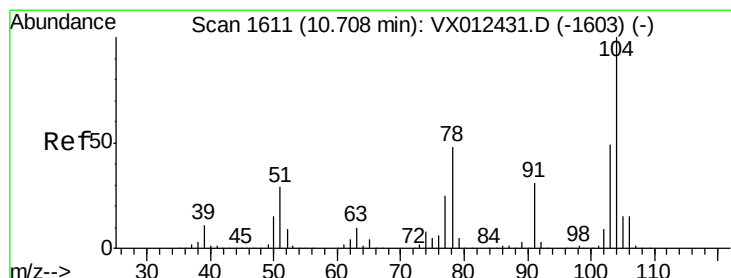
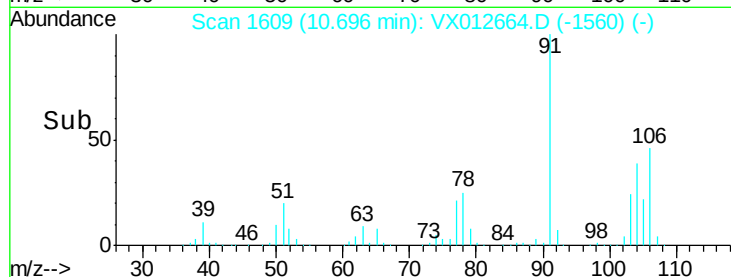
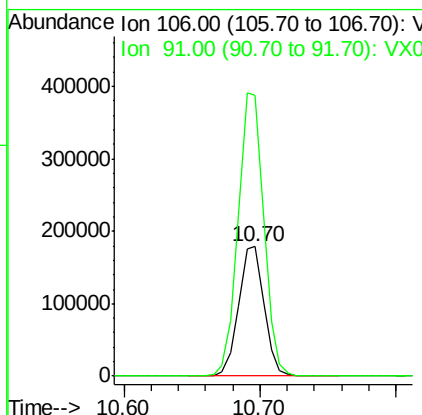
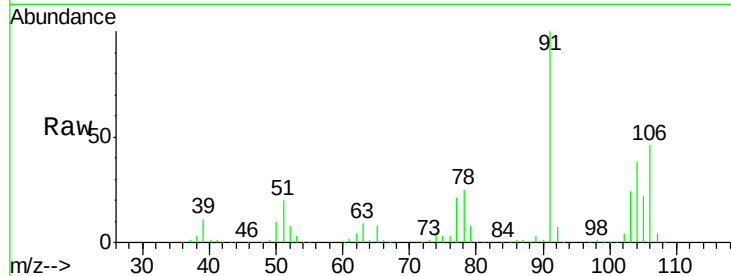
#69  
o-Xylene  
Concen: 52.198 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 232230 |       |       |
| 91      | 221.4 | 109.4 | 328.2  |       |       |

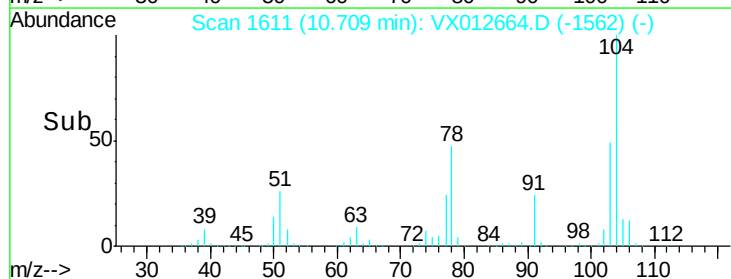
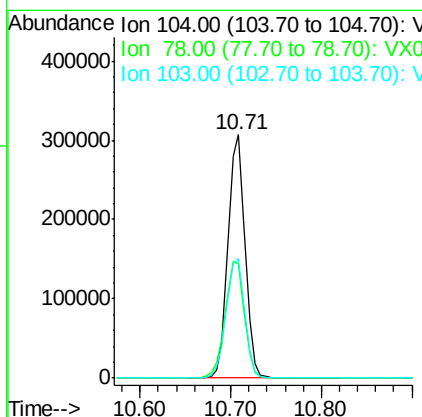
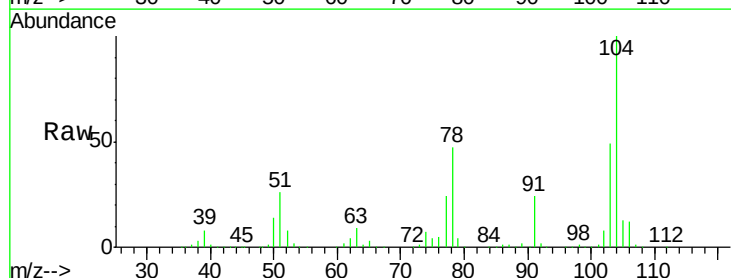
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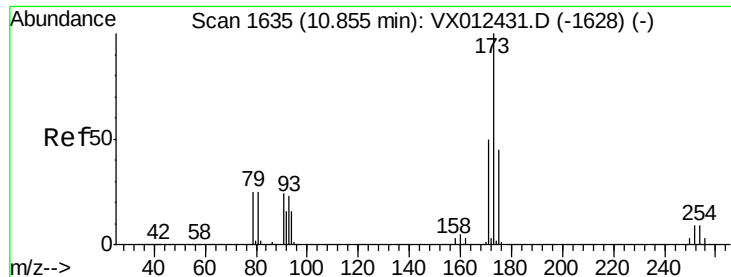


#70  
Styrene  
Concen: 53.791 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 401200 |       |       |
| 78      | 54.3 | 43.4  | 65.2   |       |       |
| 103     | 54.1 | 43.3  | 64.9   |       |       |







#71

Bromoform

Concen: 53.397 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 91165

Ion Ratio Lower Upper

173 100

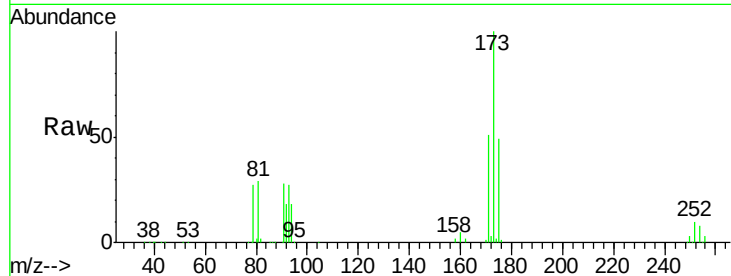
175 49.4 23.7 71.1

254 0.0 0.1 0.1#

Manual Integrations  
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MMDadoda

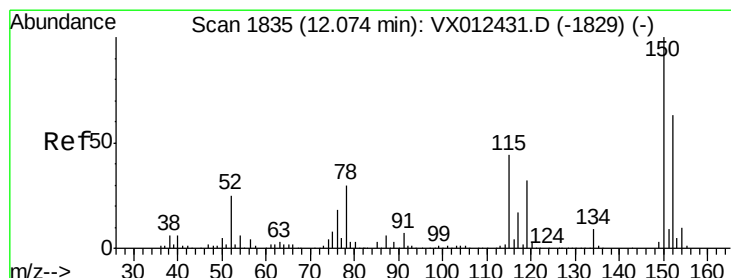
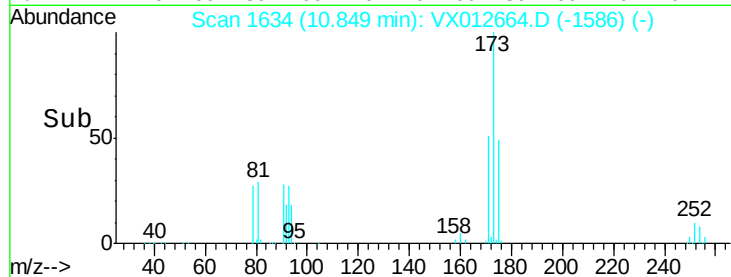
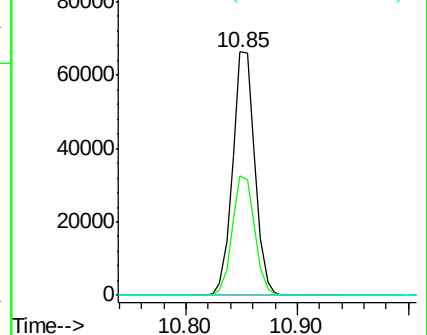
9/27/2019 8:53:50 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

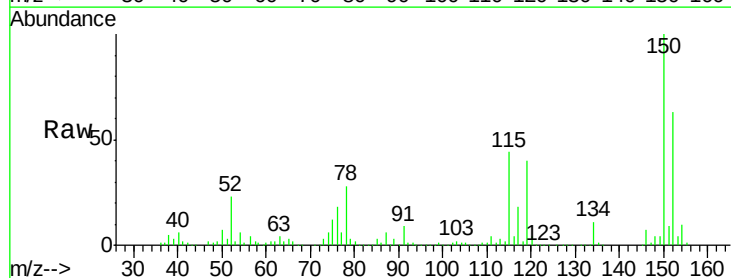
Tgt Ion:152 Resp: 152100

Ion Ratio Lower Upper

152 100

115 94.3 44.1 132.3

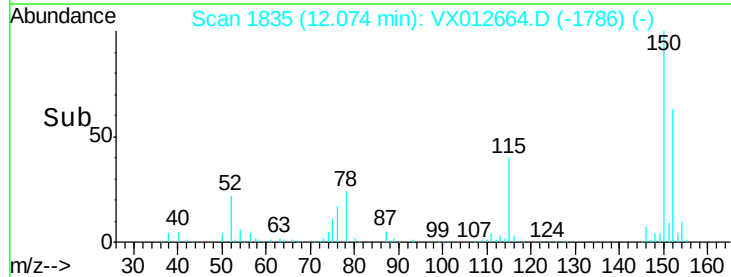
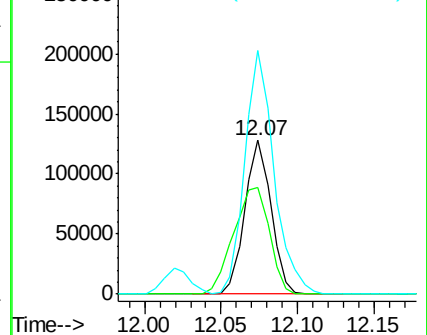
150 176.5 0.0 343.8

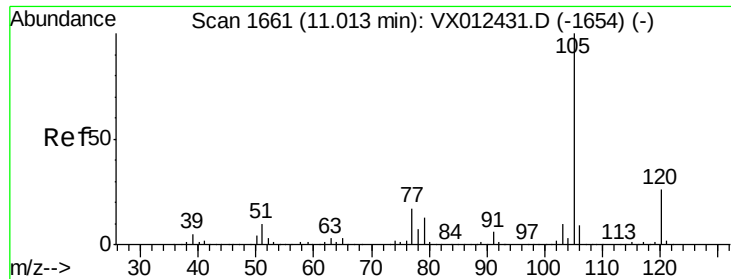


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.726 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 628398

Ion Ratio Lower Upper

105 100

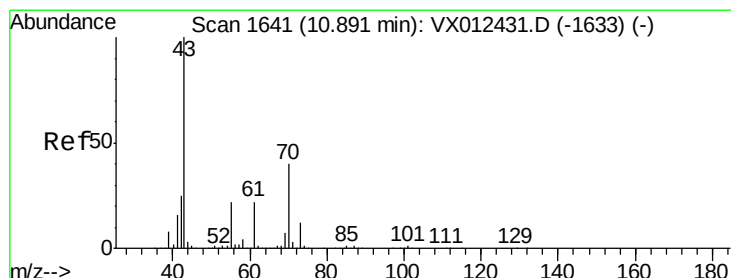
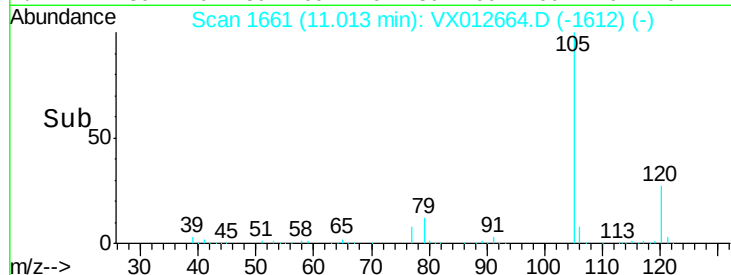
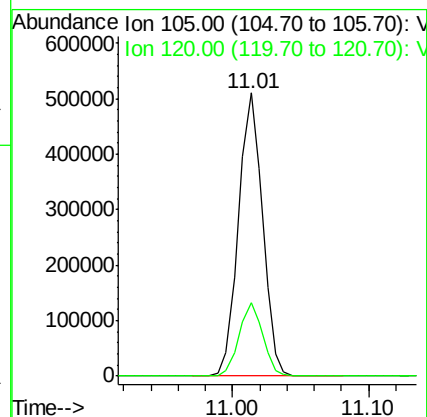
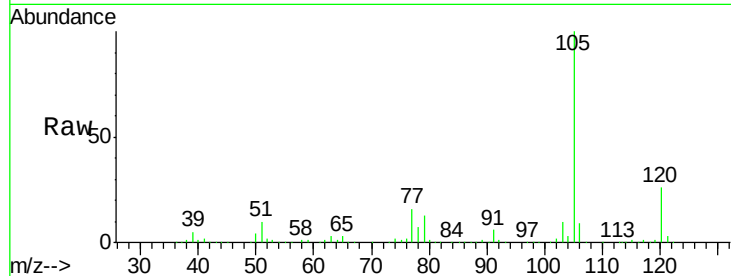
120 25.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 51.099 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Tgt Ion: 43 Resp: 301993

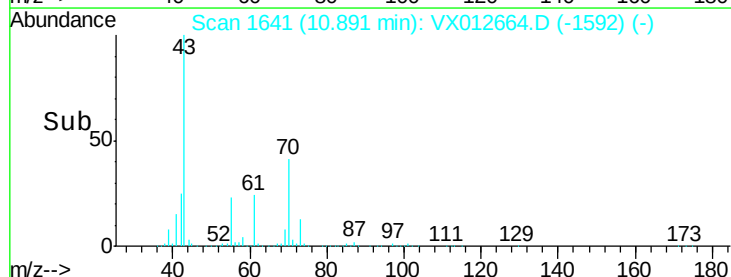
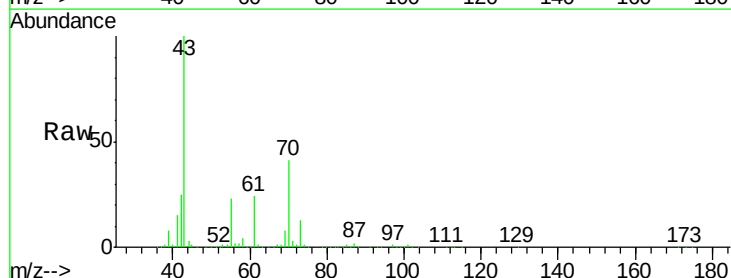
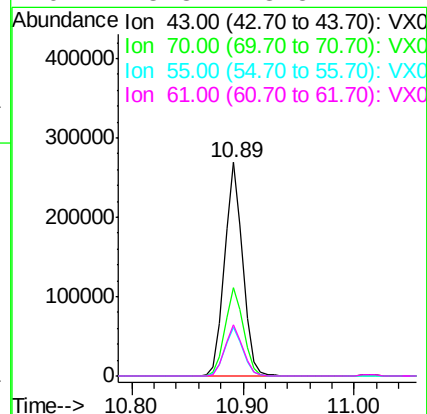
Ion Ratio Lower Upper

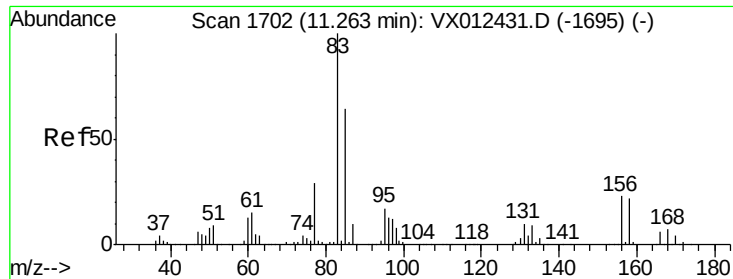
43 100

70 42.3 32.4 48.6

55 22.9 18.2 27.4

61 23.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.605 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

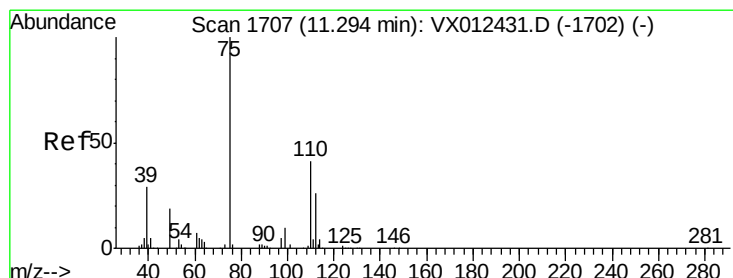
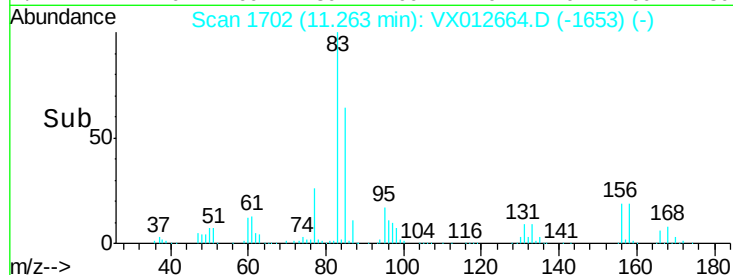
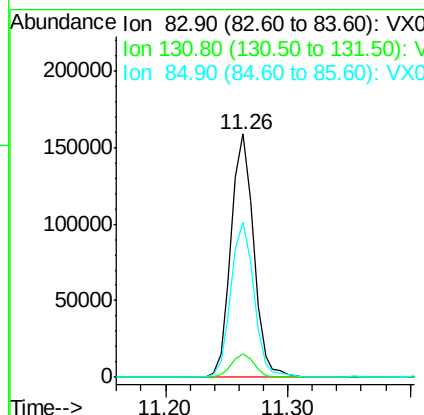
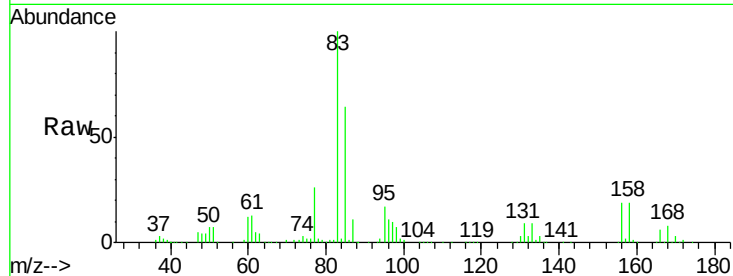
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 203515 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.8   | 5.2   | 15.6   |
| 85        | 64.8  | 32.0  | 96.0   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 50.376 ug/l m

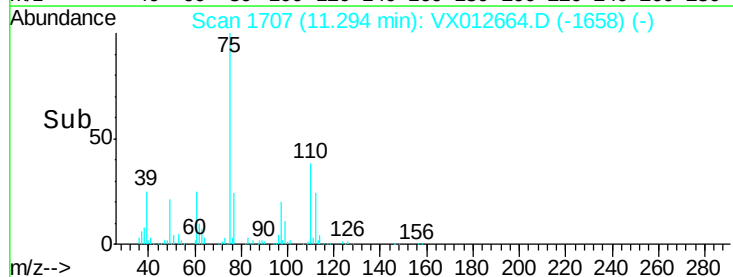
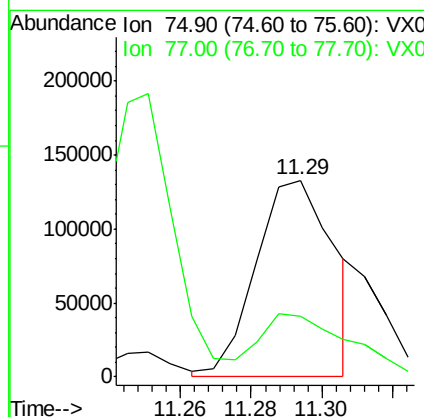
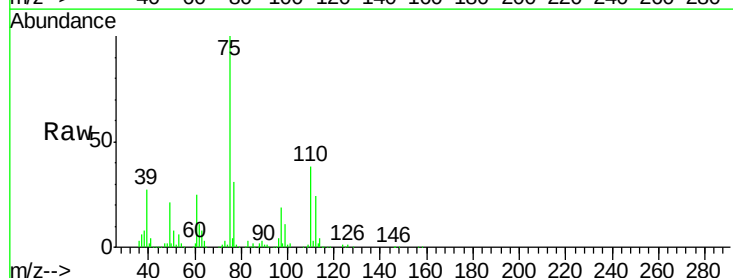
RT: 11.29 min Scan# 1707

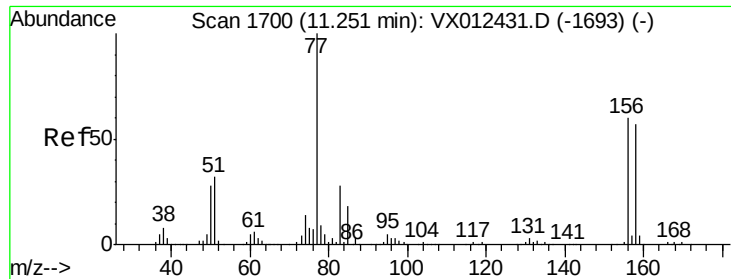
Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 202683 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 36.9  | 19.7  | 59.0   |





#77

Bromobenzene

Concen: 50.008 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

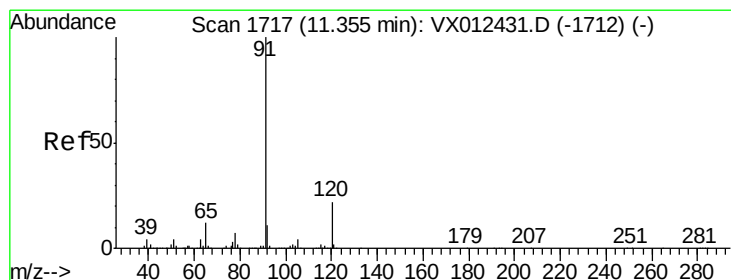
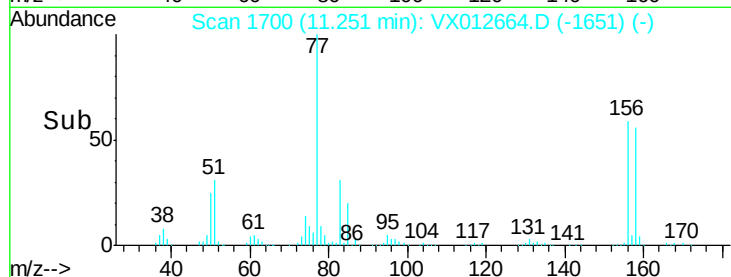
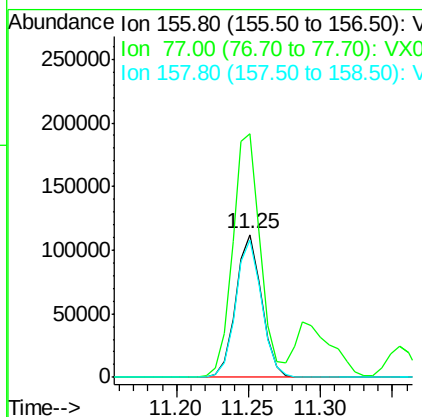
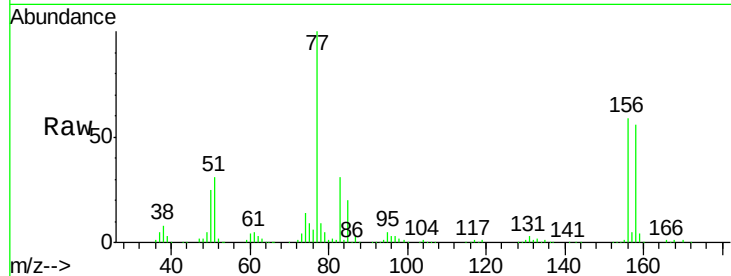
ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 184.2 | 87.3  | 261.8 |
| 158     | 96.9  | 48.5  | 145.6 |

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#78

n-propylbenzene

Concen: 52.290 ug/l

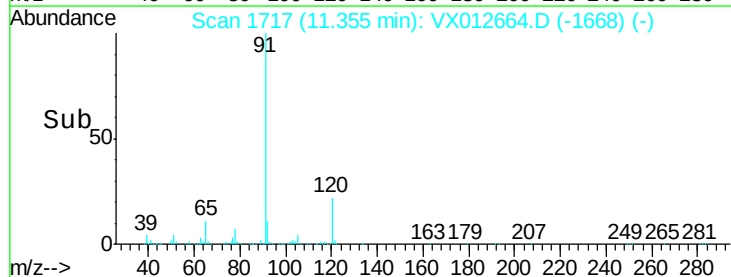
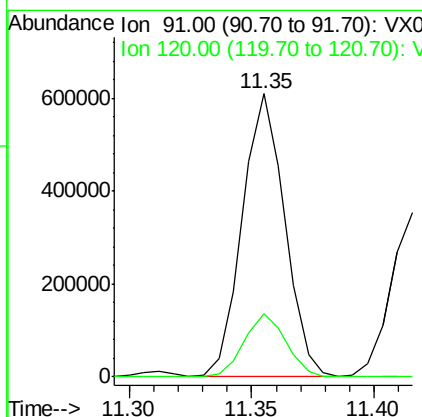
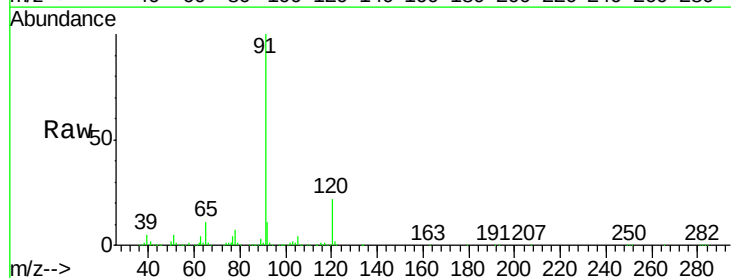
RT: 11.35 min Scan# 1717

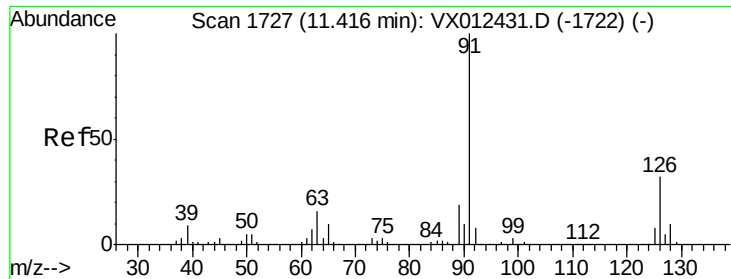
Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.3  | 11.3  | 33.8  |





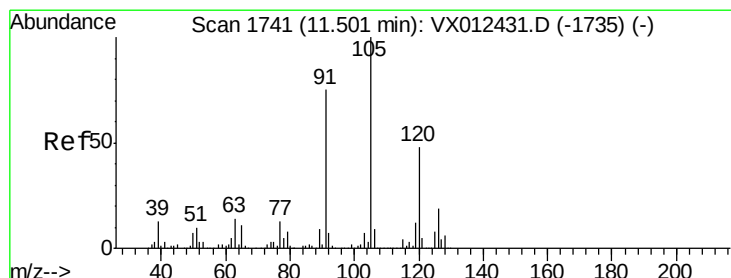
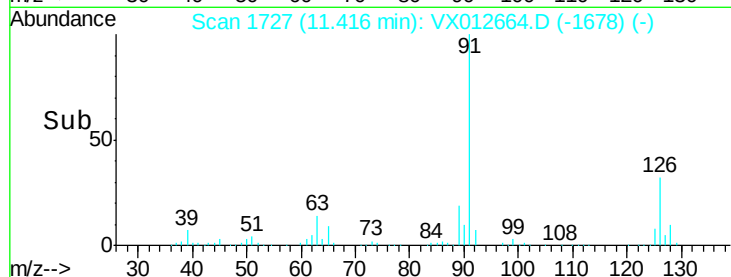
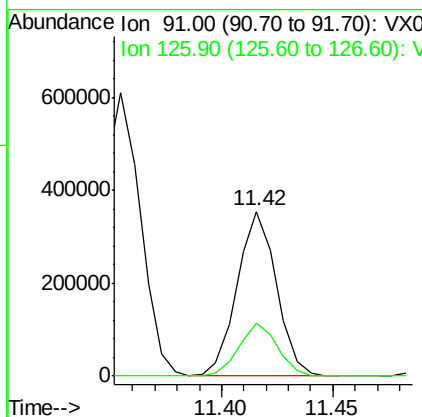
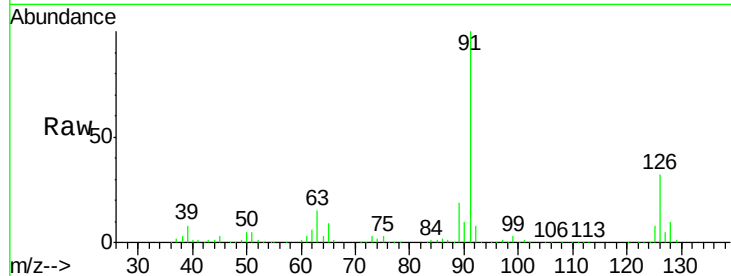
#79  
 2-Chlorotoluene  
 Concen: 50.180 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 436578  
 Ion Ratio Lower Upper  
 91 100  
 126 31.4 16.4 49.4

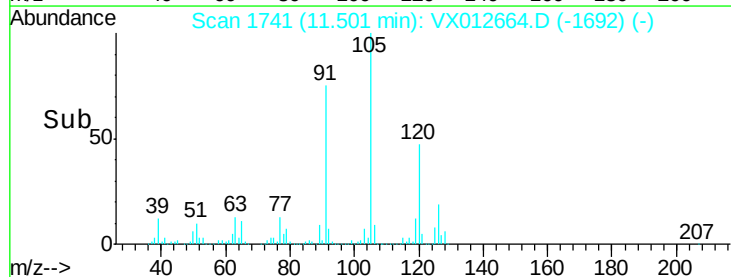
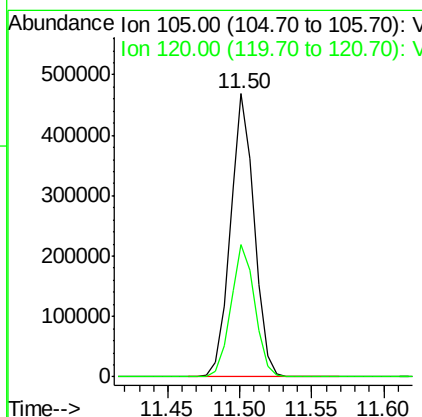
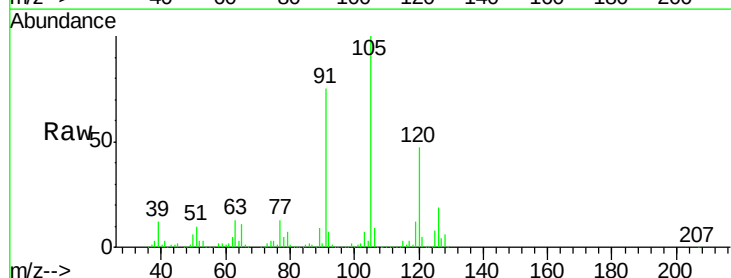
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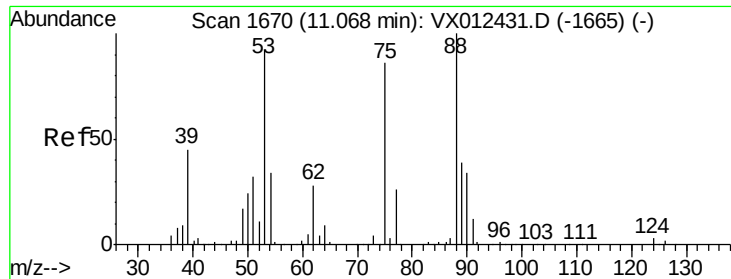
MMDadoda  
 9/27/2019 8:53:50 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.336 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Tgt Ion: 105 Resp: 543683  
 Ion Ratio Lower Upper  
 105 100  
 120 47.2 24.3 72.8





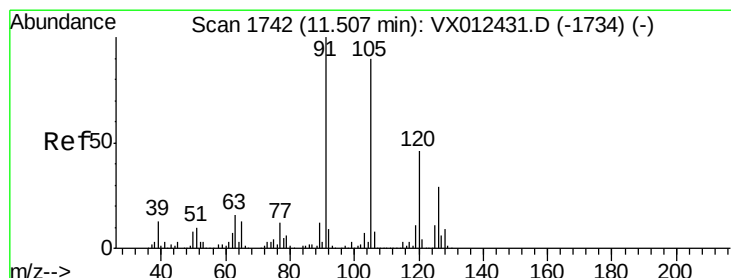
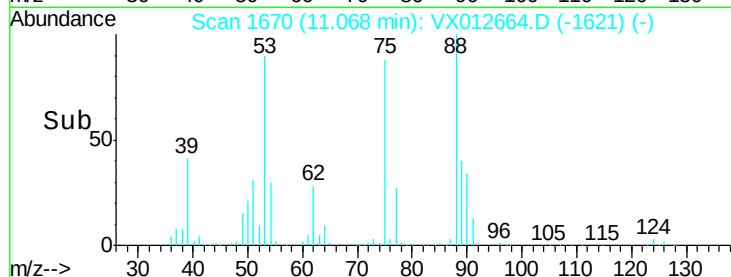
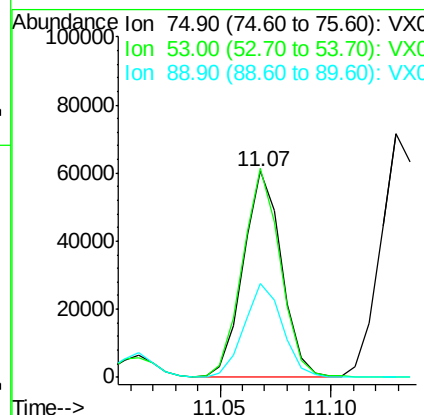
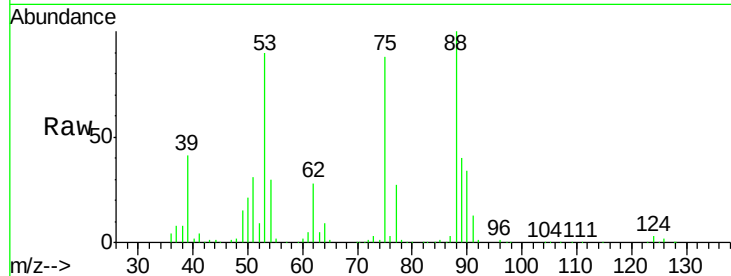
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.326 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.0 | 83.6  | 125.4 |
| 89      | 46.3  | 36.3  | 54.5  |

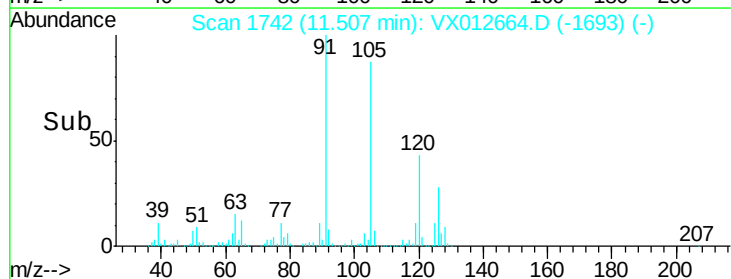
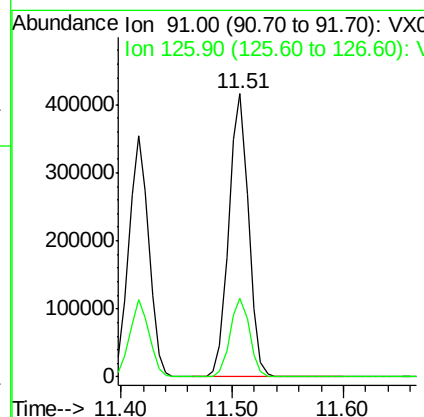
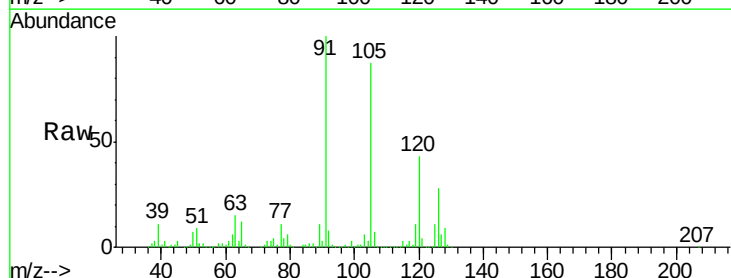
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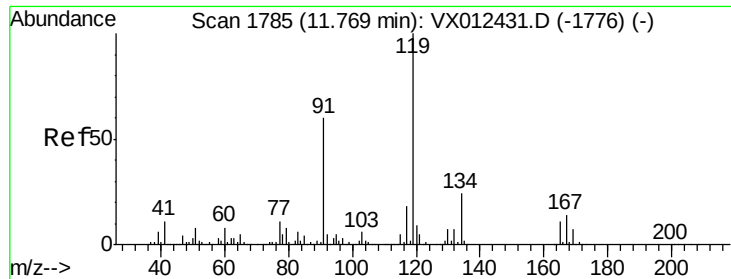
MMDadoda  
9/27/2019 8:53:50 AM



#82  
4-Chlorotoluene  
Concen: 51.423 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 27.7  | 14.4  | 43.0  |





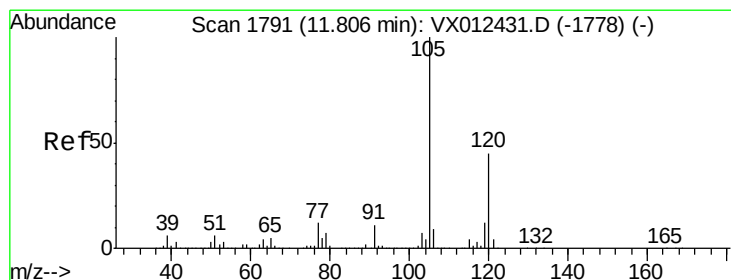
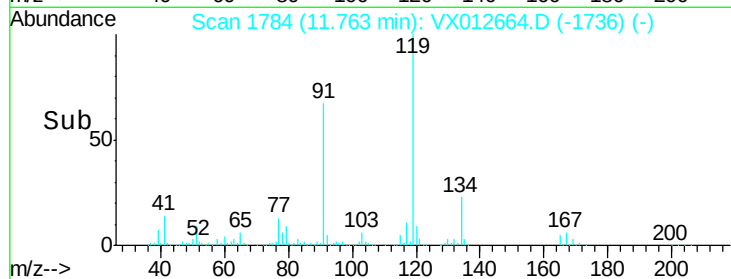
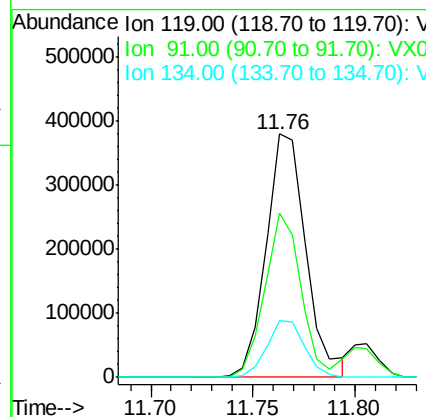
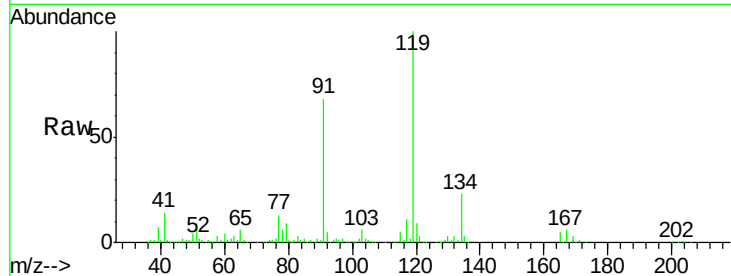
#83  
 tert-Butylbenzene  
 Concen: 51.745 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 518532 |       |       |
| 91      | 61.0  |        | 30.0  | 90.0  |
| 134     | 22.2  |        | 11.3  | 33.9  |

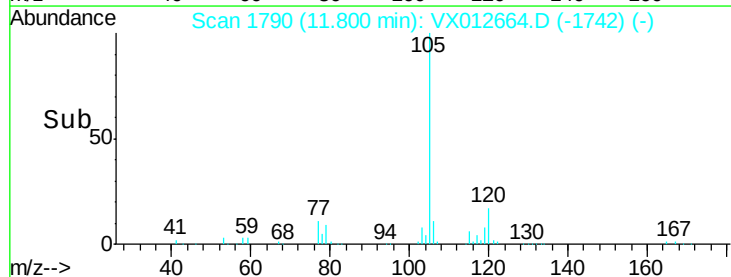
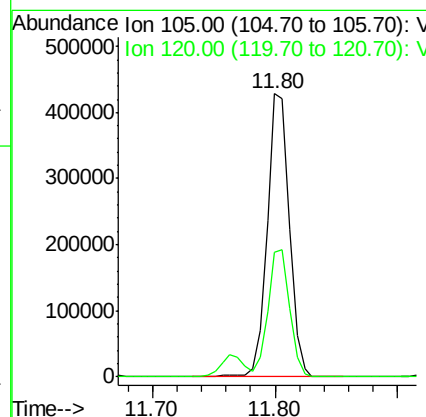
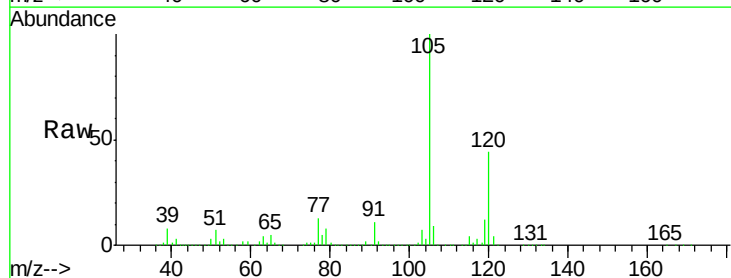
Manual Integrations  
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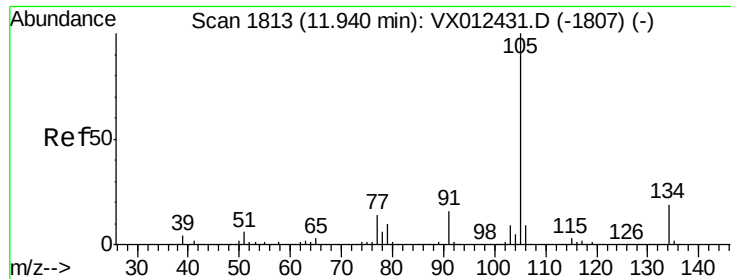
MMDadoda  
 9/27/2019 8:53:50 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.675 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 541533 |       |       |
| 120     | 44.0  |        | 22.2  | 66.6  |





#85

sec-Butylbenzene

Concen: 52.780 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 615178

Ion Ratio Lower Upper

105 100

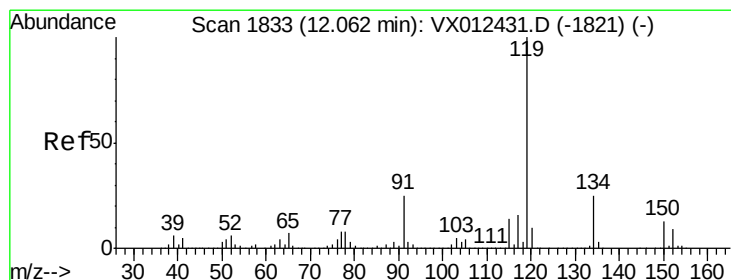
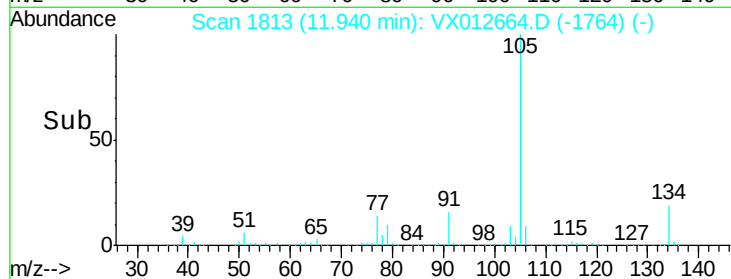
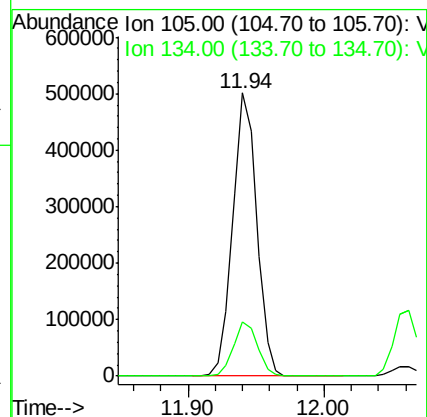
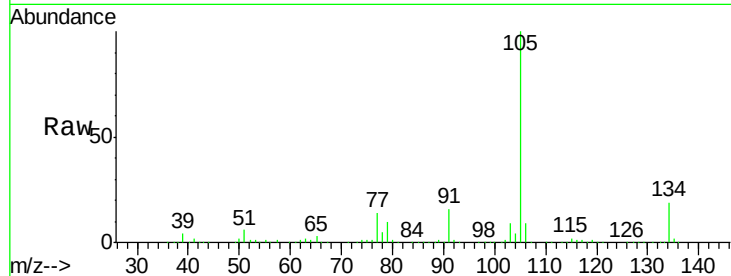
134 19.3 9.8 29.4

Manual Integrations

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9/27/2019 8:53:50 AM



#86

p-Isopropyltoluene

Concen: 54.092 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

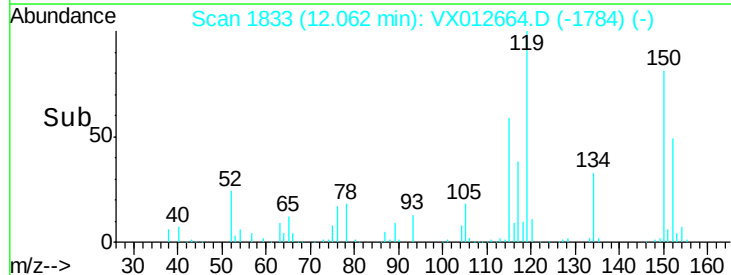
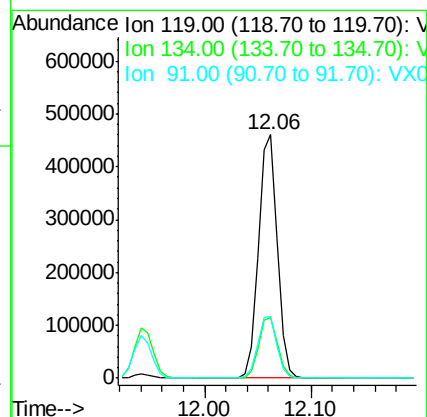
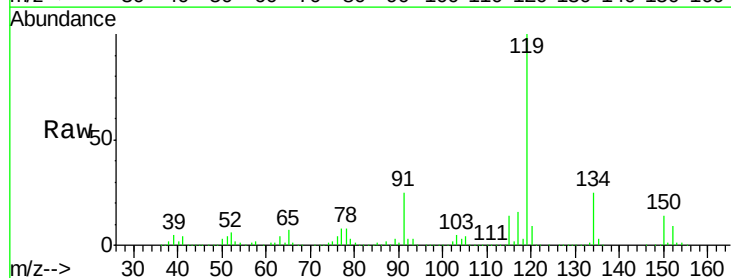
Tgt Ion:119 Resp: 568889

Ion Ratio Lower Upper

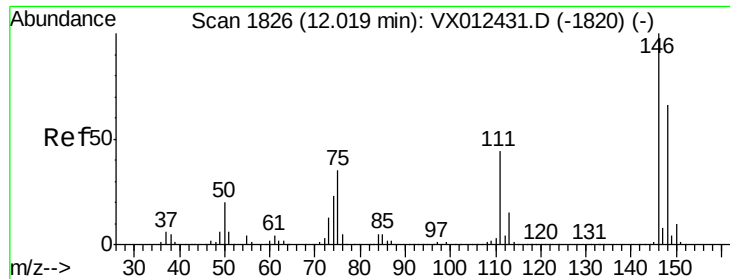
119 100

134 25.2 12.7 38.1

91 26.0 12.8 38.4







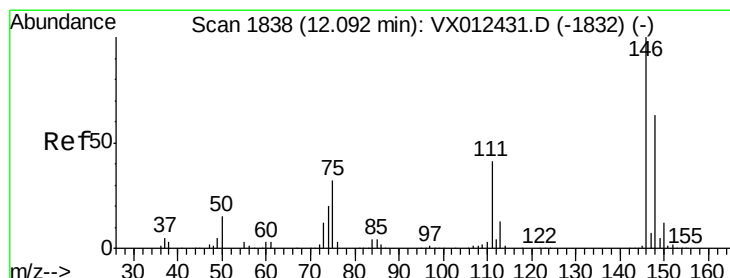
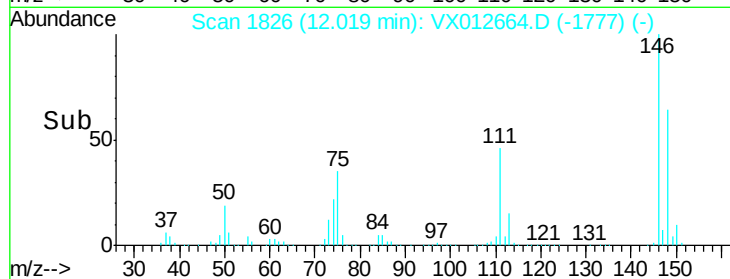
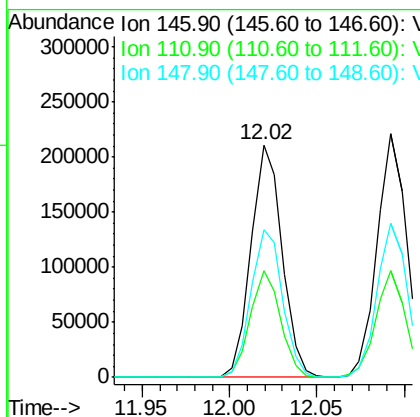
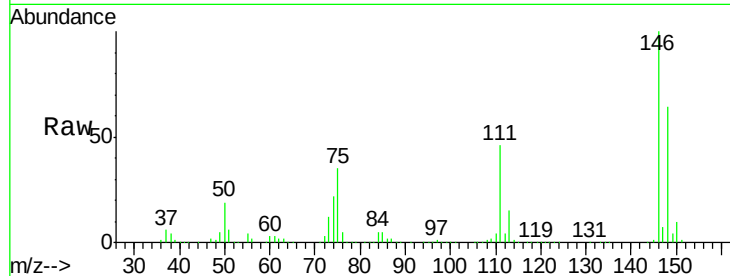
#87  
 1,3-Dichlorobenzene  
 Concen: 51.670 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.1  | 21.3  | 64.0  |
| 148     | 64.7  | 32.4  | 97.2  |

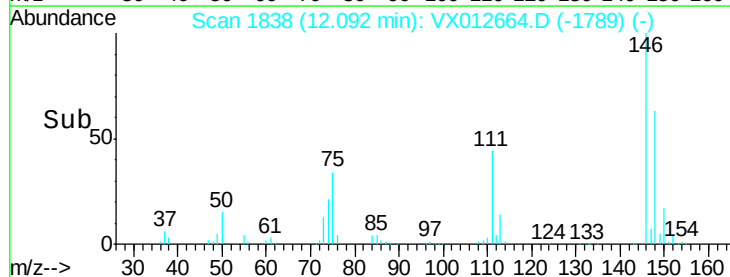
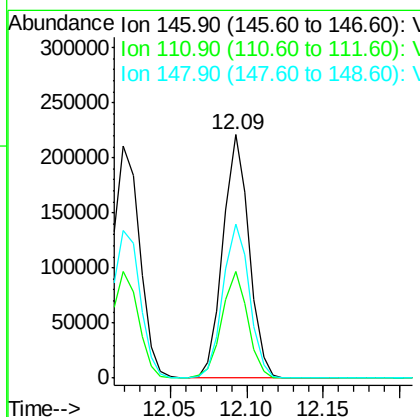
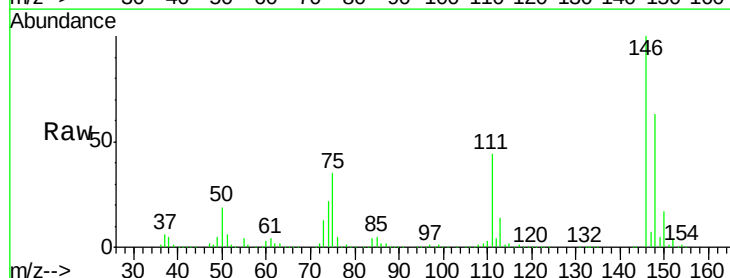
Manual Integrations  
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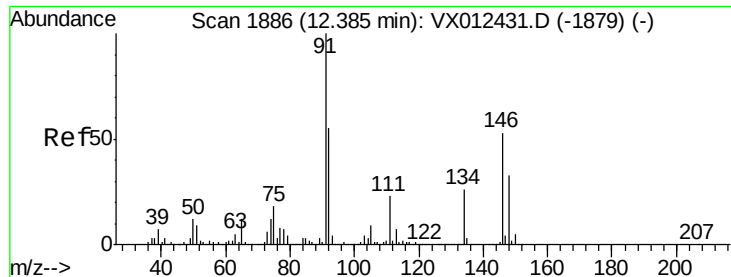
MMDadoda  
 9/27/2019 8:53:50 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 51.267 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.1  | 63.3  |
| 148     | 64.4  | 32.1  | 96.5  |





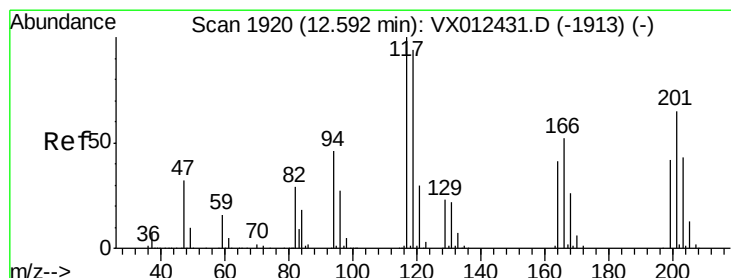
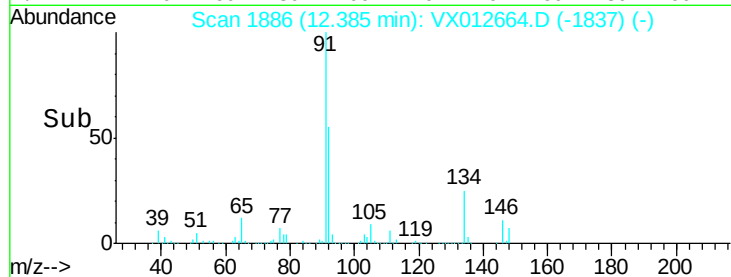
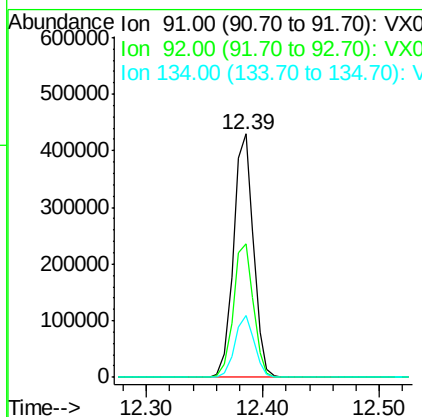
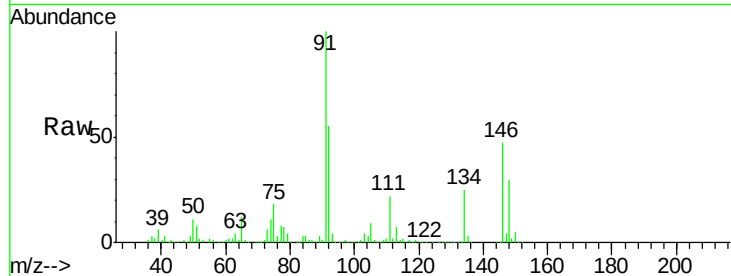
#89  
n-Butylbenzene  
Concen: 55.136 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.3  | 27.7  | 83.0  |
| 134     | 24.8  | 12.9  | 38.6  |

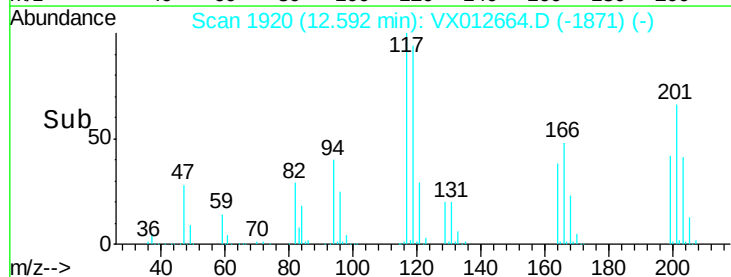
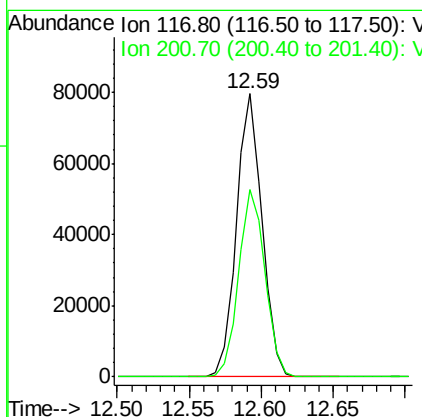
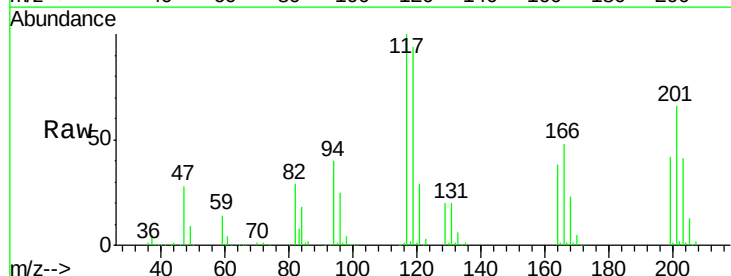
Manual Integrations  
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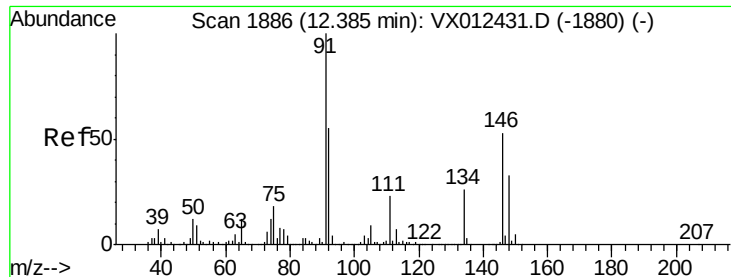
MMDadoda  
9/27/2019 8:53:50 AM



#90  
Hexachloroethane  
Concen: 52.548 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX012664.D  
Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 67.9  | 33.3  | 99.8  |





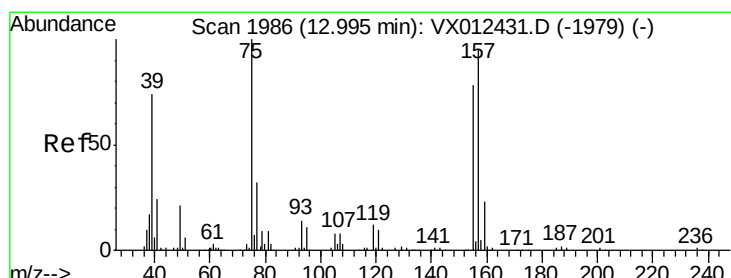
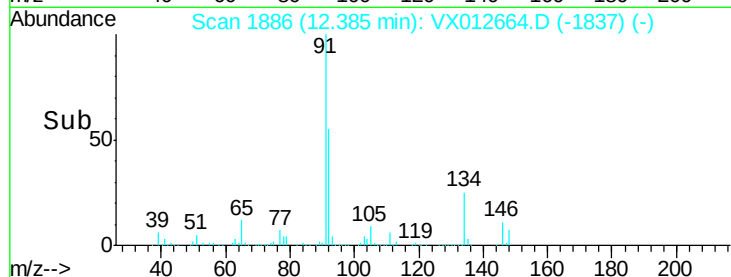
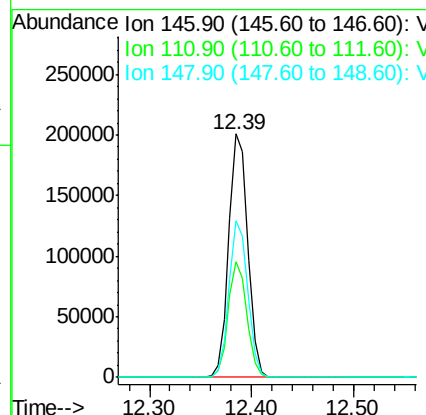
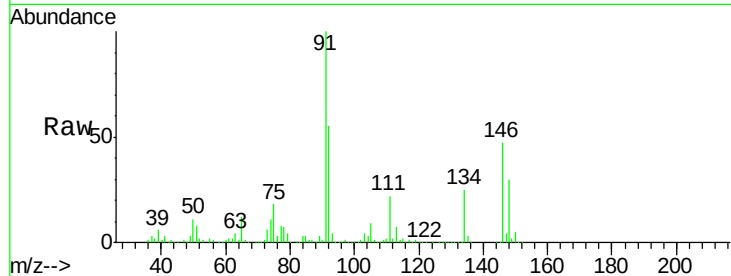
#91  
 1,2-Dichlorobenzene  
 Concen: 51.460 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 259949 |       |       |
| 111     | 46.5  | 22.1   | 66.1  |       |
| 148     | 63.5  | 31.3   | 93.9  |       |

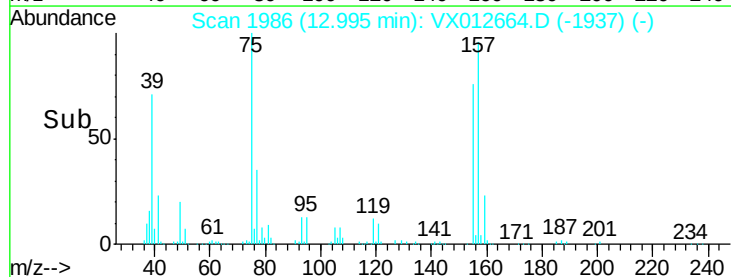
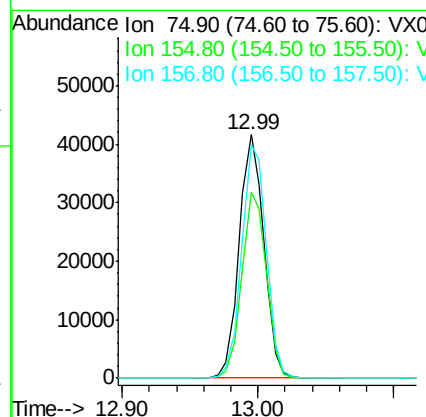
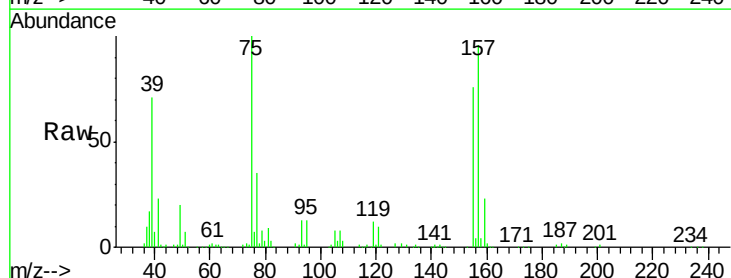
Manual Integrations  
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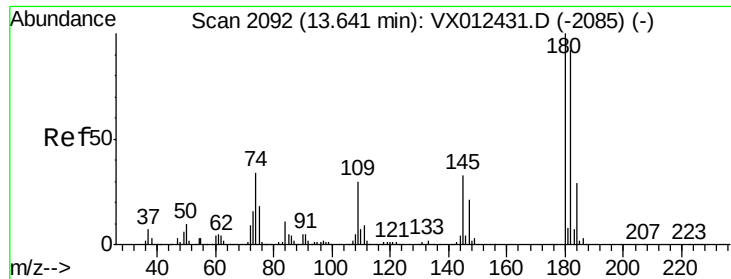
MMDadoda  
 9/27/2019 8:53:50 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.971 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 52311 |       |       |
| 155     | 76.1  | 38.6  | 115.8 |       |
| 157     | 95.8  | 50.6  | 151.9 |       |





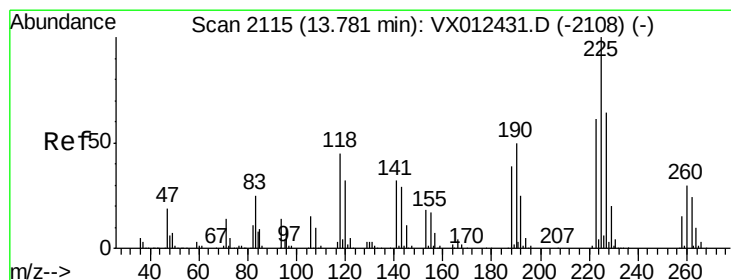
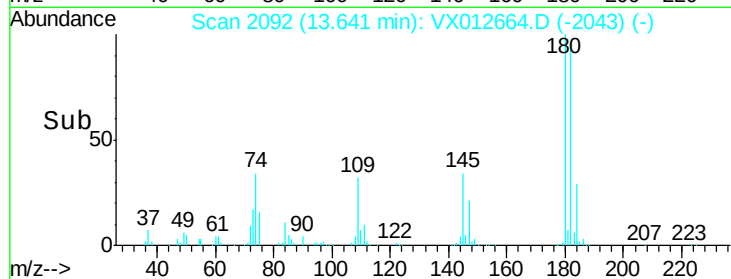
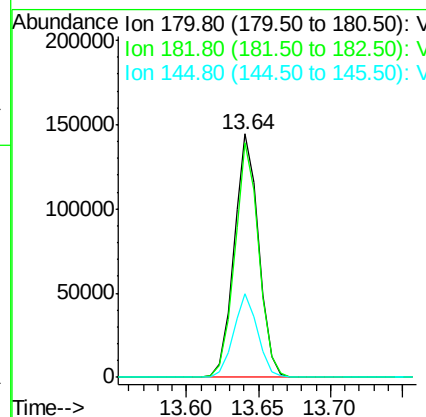
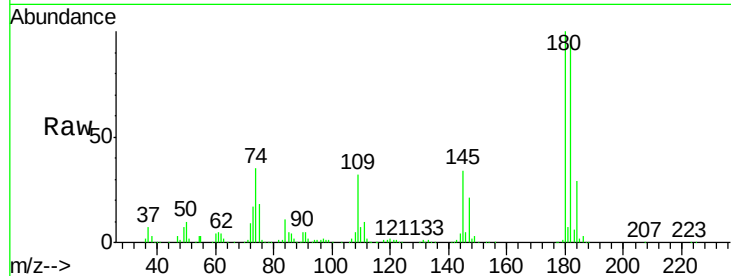
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.947 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 172353 |       |       |
| 182     | 94.6  | 47.0   | 141.0 |       |
| 145     | 33.9  | 16.8   | 50.4  |       |

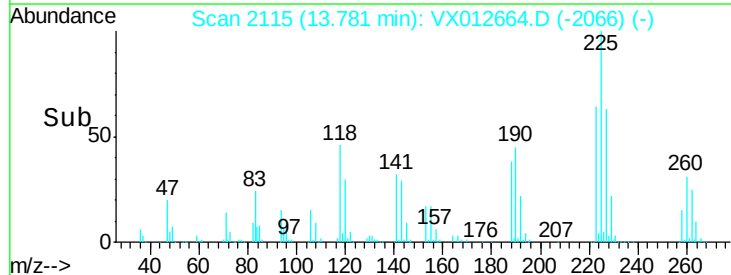
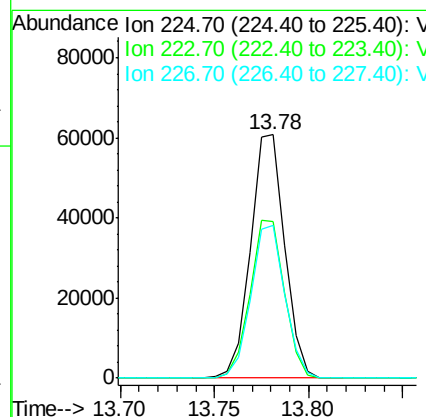
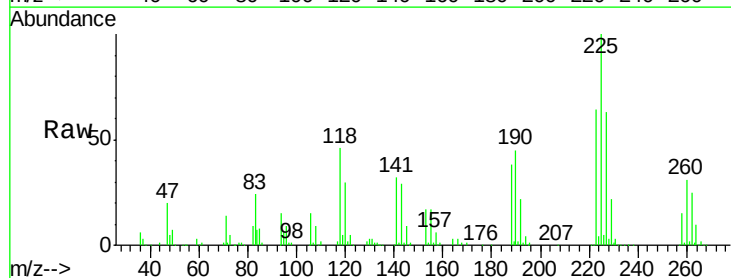
Manual Integrations  
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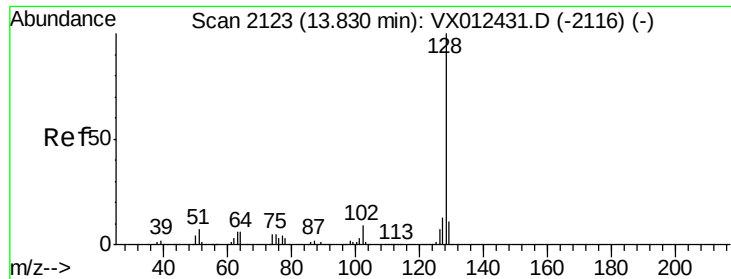
MMDadoda  
 9/27/2019 8:53:50 AM



#94  
 Hexachlorobutadiene  
 Concen: 57.640 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VX012664.D  
 Acq: 26 Sep 2019 10:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76390 |       |       |
| 223     | 64.9  | 32.0  | 96.2  |       |
| 227     | 62.6  | 31.9  | 95.5  |       |





#95

Naphthalene

Concen: 54.683 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

Instrument :

MSVOA\_X

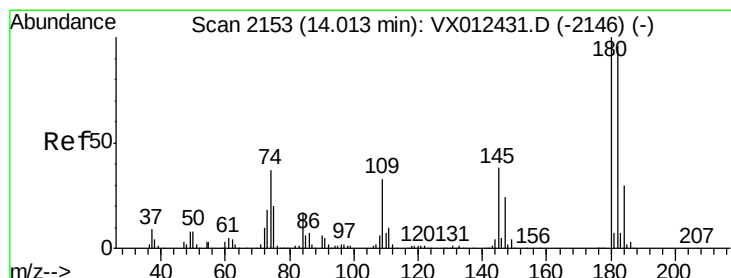
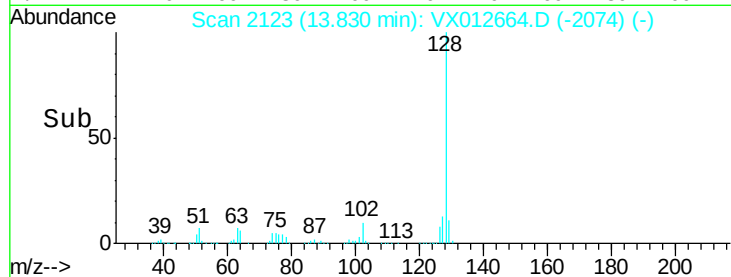
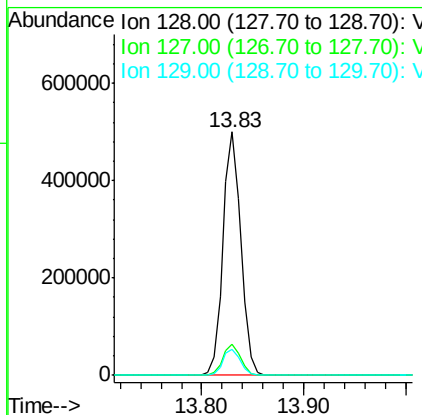
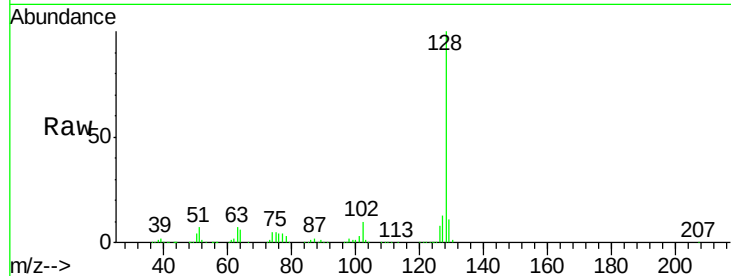
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 609495 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 12.8 | 10.2  | 15.4   |
| 129       | 10.8 | 8.8   | 13.2   |

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#96

1,2,3-Trichlorobenzene

Concen: 54.883 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012664.D

Acq: 26 Sep 2019 10:58

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 169366 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 95.2 | 47.1  | 141.3  |
| 145       | 37.8 | 18.0  | 54.0   |

