

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\  
 Data File : VX015837.D  
 Acq On : 22 Apr 2020 13:11  
 Operator : JC/SP  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICSVX042220

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 11:58:21 AM

Quant Time: Apr 23 06:01:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 04:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 987627   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1426833  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1355744  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 720223   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 476190   | 42.39 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.78% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 372378   | 45.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.42% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1465933  | 44.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.42% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 595373   | 43.77 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.54% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 509389  | 60.255  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 492154  | 56.843  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 524903  | 52.377  | ug/l | 100    |
| 5) Bromomethane               | 1.62 | 94  | 219247  | 65.230  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 304614  | 53.340  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 700927  | 56.372  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 263104  | 52.179  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 451360  | 53.512  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 605165  | 58.073  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 538128  | 234.472 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 449185  | 51.926  | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 264448  | 194.735 | ug/l | 98     |
| 14) Allyl chloride            | 2.71 | 41  | 958019  | 52.117  | ug/l | 99     |
| 15) Acrylonitrile             | 3.11 | 53  | 1368981 | 256.980 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 1092931 | 223.455 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.55 | 76  | 1309928 | 41.699  | ug/l | 98     |
| 18) Methyl Acetate            | 2.75 | 43  | 792885  | 49.105  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 1615007 | 52.884  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 503283  | 50.687  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 501472  | 52.248  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.83 | 45  | 1741967 | 52.578  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.78 | 43  | 7176927 | 261.730 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 914763  | 52.973  | ug/l | 100    |
| 25) 2-Butanone                | 4.64 | 43  | 1835061 | 237.371 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 833388  | 54.026  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 577453  | 52.995  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 409637  | 45.208  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 1258921 | 246.201 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 893686  | 51.437  | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 881717  | 53.726  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97  | 815284  | 52.629  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 708673  | 56.025  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.80 | 43  | 781270  | 51.897  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 698892  | 56.093  | ug/l | 97     |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 11:58:21 AM

Quant Time: Apr 23 06:01:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 04:36:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 899405   | 56.148  | ug/l   | 99       |
| 40) Benzene                    | 6.11  | 78   | 2060822  | 54.094  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.00  | 41   | 452840   | 54.134  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 735950   | 53.646  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 1344549  | 52.948  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 736792   | 55.031  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 543965   | 54.484  | ug/l   | 97       |
| 46) Dibromomethane             | 7.64  | 93   | 373285   | 51.218  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 710858   | 54.826  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 671348   | 53.746  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.72  | 88   | 222323   | 941.770 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 3820009  | 260.617 | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 1346302  | 55.132  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 895076   | 55.638  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 929146   | 54.646  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 511047   | 53.595  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 873530   | 54.084  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 889886   | 53.705  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 2246050  | 278.372 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 2784160  | 249.337 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 554714   | 56.333  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 561253   | 53.257  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 978444   | 53.543  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 1450847  | 53.516  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 540633   | 53.349  | ug/l   | 95       |
| 67) Ethyl Benzene              | 10.23 | 91   | 2581697  | 54.228  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 1951335  | 109.197 | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 950485   | 54.051  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 1656780  | 54.413  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 369584   | 55.968  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.00 | 105  | 2567897  | 56.140  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 1236981  | 52.384  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 514137   | 53.111  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 725462m  | 52.971  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 676906   | 54.161  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 2932861  | 55.972  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 1721836  | 54.705  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 2152467  | 55.187  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 302551   | 53.141  | ug/l # | 76       |
| 82) 4-Chlorotoluene            | 11.50 | 91   | 2070000  | 55.345  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1906917  | 55.118  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 2218267  | 54.782  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 2539839  | 55.690  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 2402080  | 56.326  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 1246271  | 54.323  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 1221012  | 53.167  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 2167042  | 56.835  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 285516   | 63.376  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 1170810  | 53.807  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 152257   | 53.037  | ug/l   | 98       |

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Sample : VSTDICV050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Manual Integrations  
APPROVED

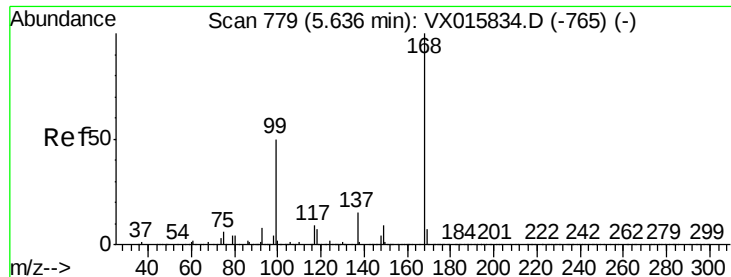
MMDadoda  
4/23/2020 11:58:21 AM

Quant Time: Apr 23 06:01:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 23 04:36:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 954055   | 55.648 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 490183   | 63.768 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 2640672  | 53.536 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 908448   | 54.311 | ug/l  | 99       |

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





#1

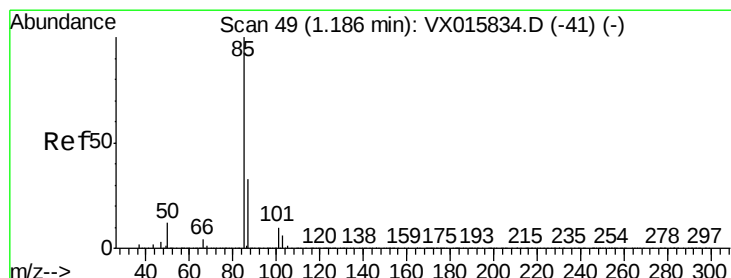
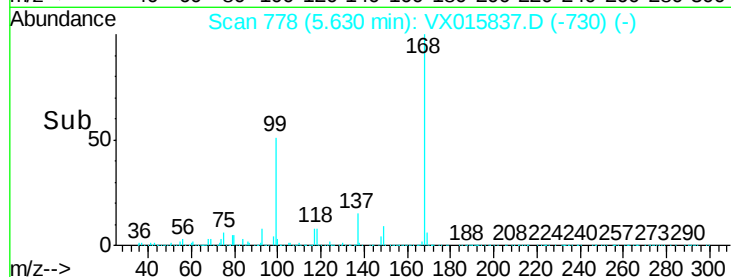
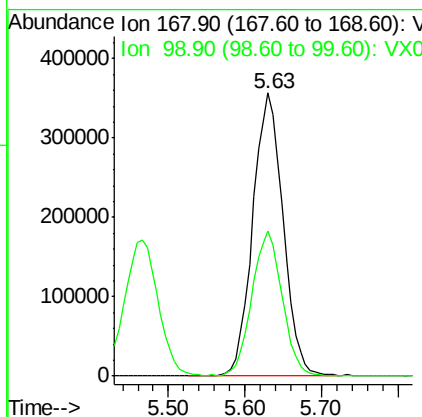
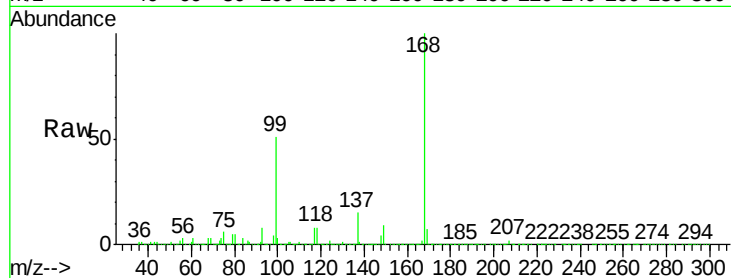
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.63 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 50.8  | 40.3  | 60.5  |

Manual Integrations  
 APPROVED

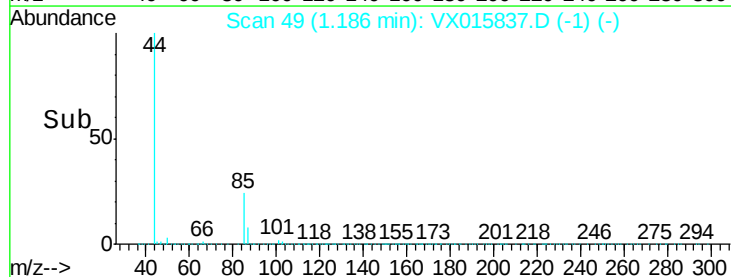
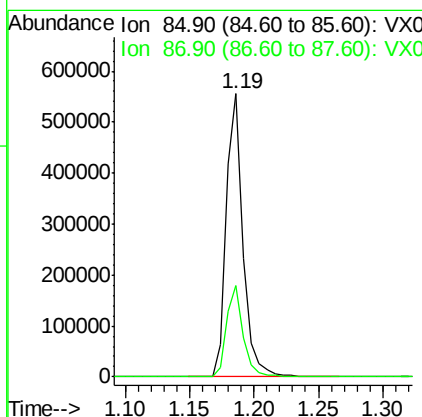
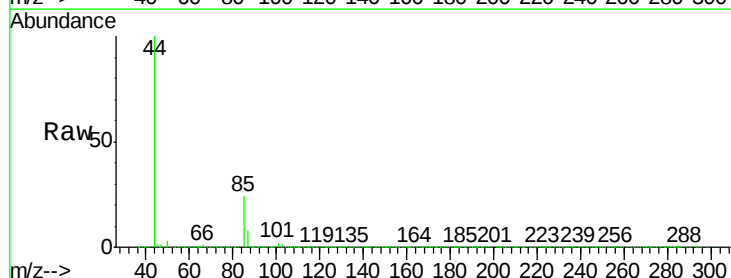
MMDadoda  
 4/23/2020 11:58:21 AM

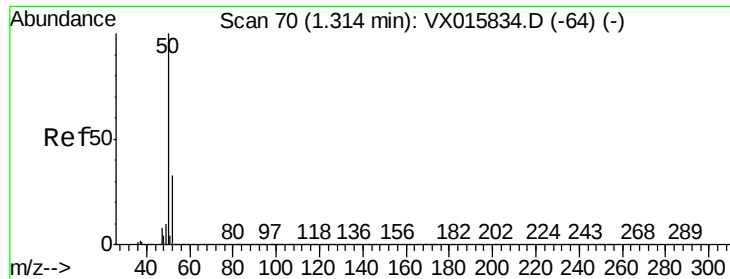


#2

Dichlorodifluoromethane  
 Concen: 60.255 ug/l  
 RT: 1.19 min Scan# 49  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.2  | 16.4  | 49.2  |





#3

Chloromethane

Concen: 56.843 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 50 Resp: 492154

Ion Ratio Lower Upper

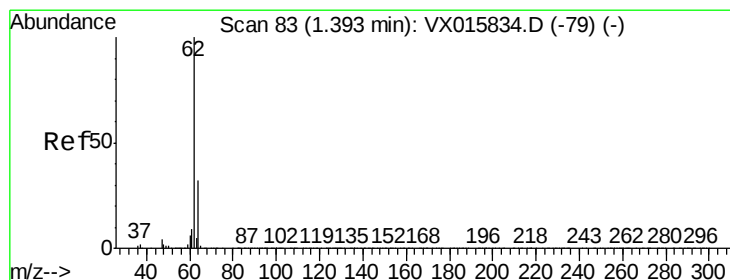
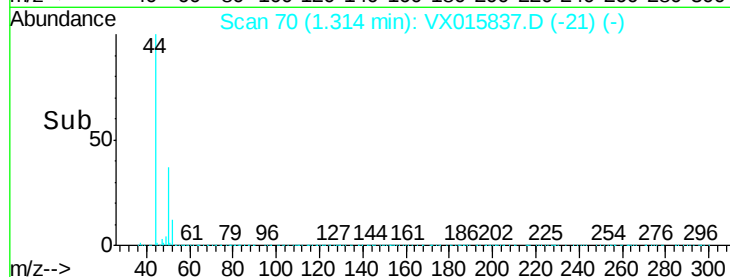
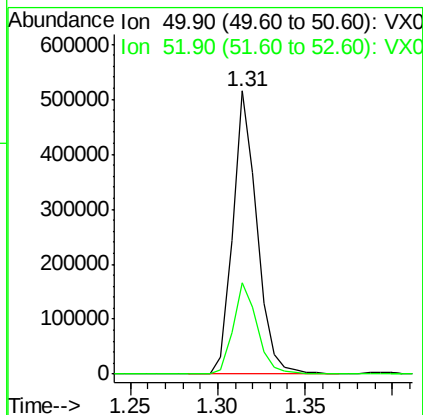
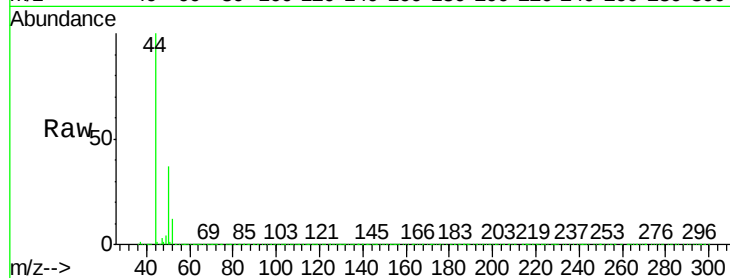
50 100

52 32.3 26.2 39.4

Manual Integrations  
APPROVED

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4/23/2020 11:58:21 AM



#4

Vinyl Chloride

Concen: 52.377 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015837.D

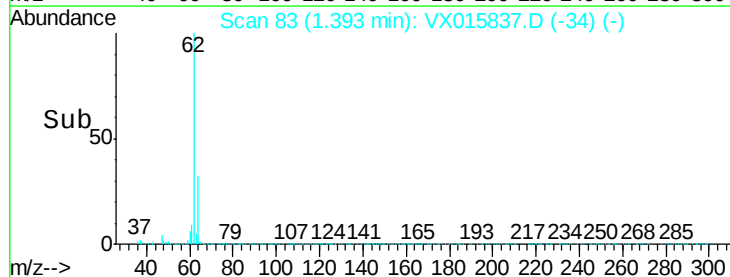
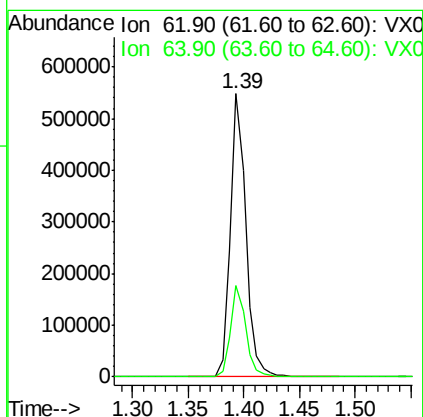
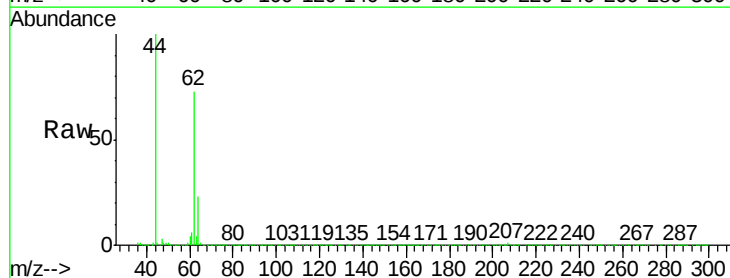
Acq: 22 Apr 2020 13:11

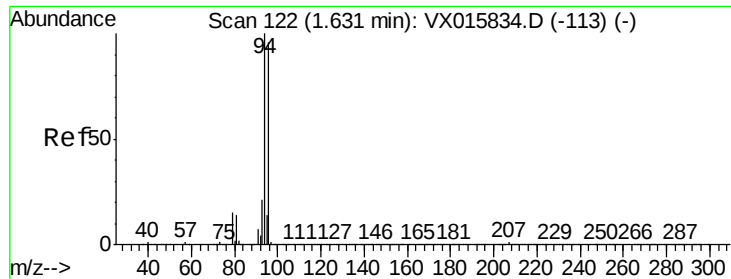
Tgt Ion: 62 Resp: 524903

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 65.230 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 94 Resp: 219247

Ion Ratio Lower Upper

94 100

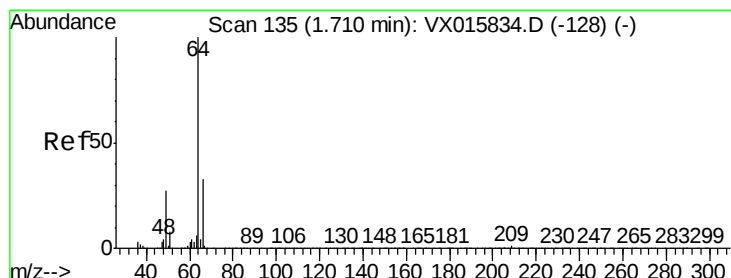
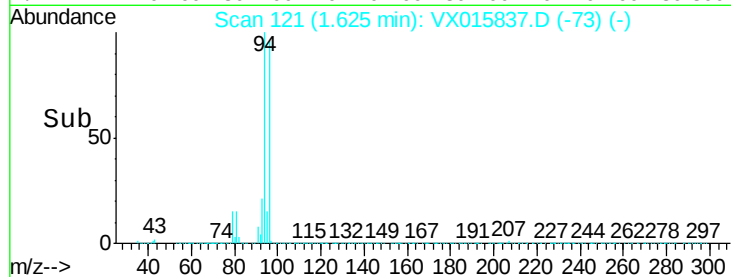
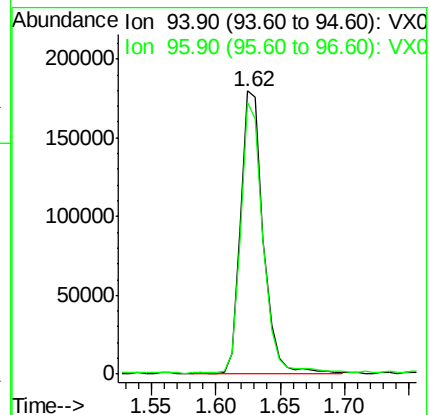
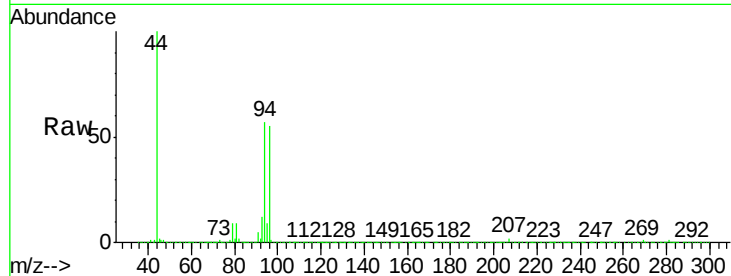
96 95.6 76.7 115.1

Manual Integrations

APPROVED

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4/23/2020 11:58:21 AM



#6

Chloroethane

Concen: 53.340 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015837.D

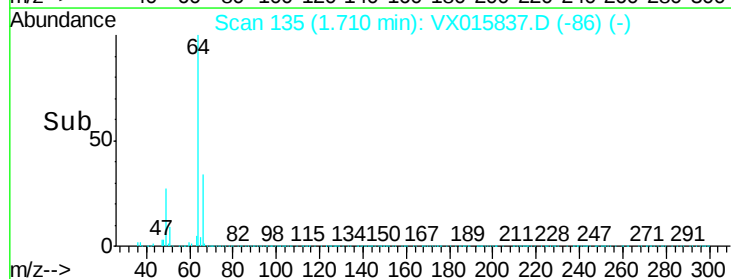
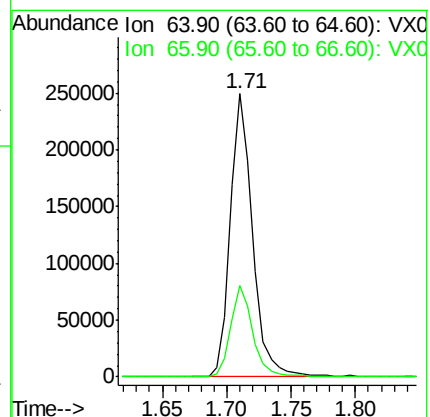
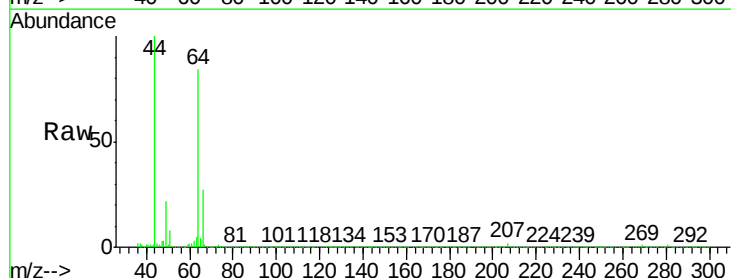
Acq: 22 Apr 2020 13:11

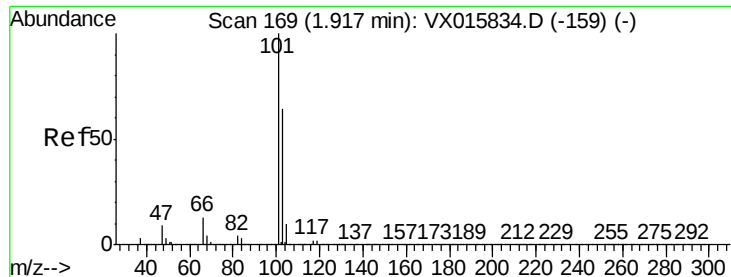
Tgt Ion: 64 Resp: 304614

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.2





#7

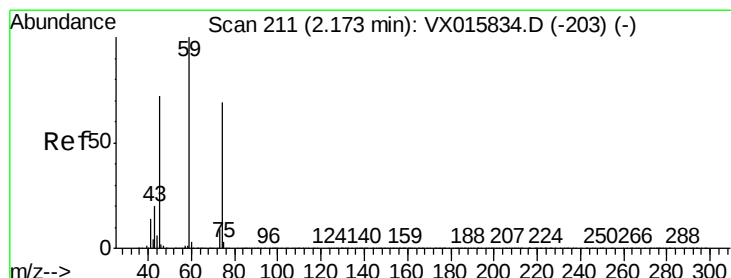
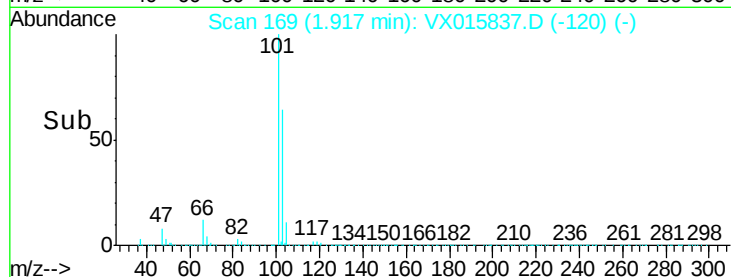
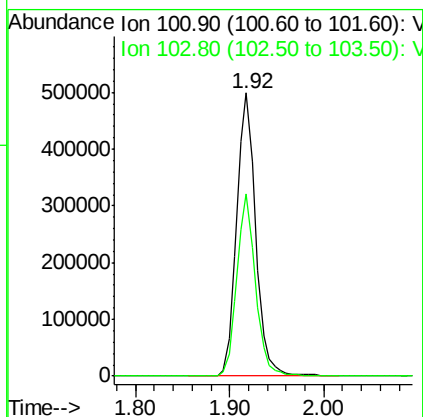
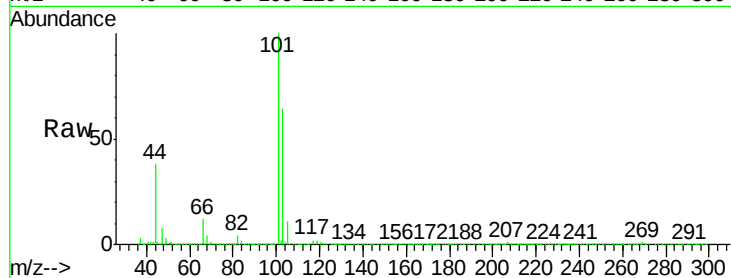
Trichlorofluoromethane  
Concen: 56.372 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 700927 |       |       |
| 103     | 64.1  | 51.4   | 77.0  |       |

Manual Integrations  
APPROVED

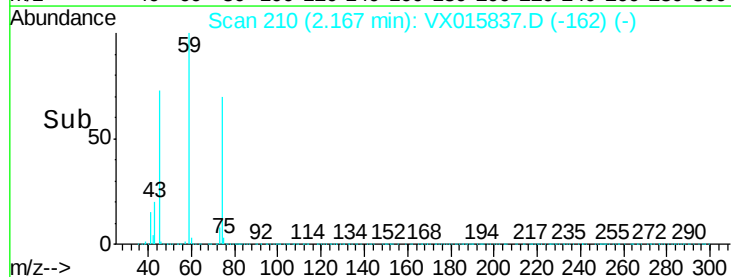
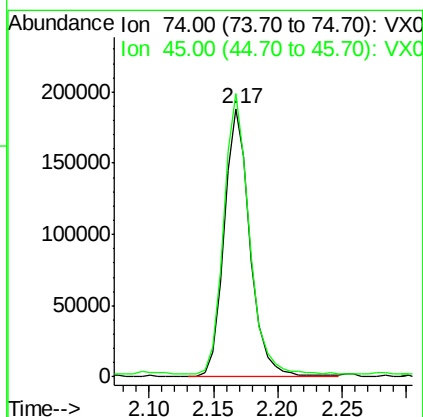
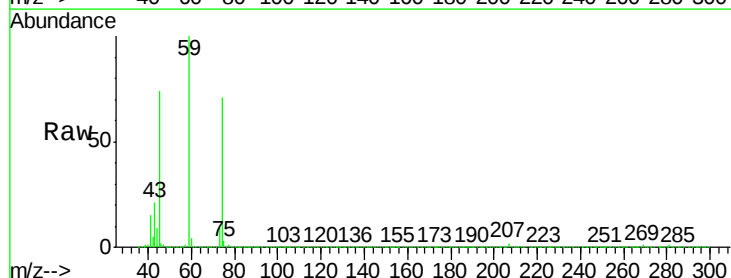
MMDadoda  
4/23/2020 11:58:21 AM

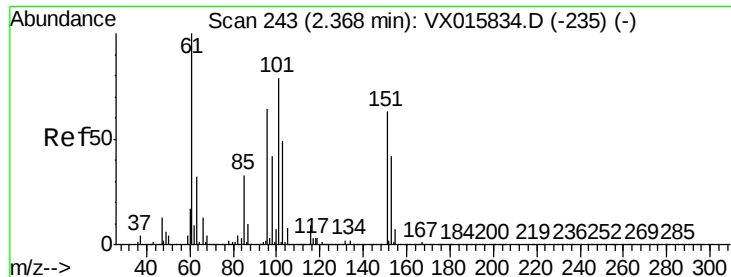


#8

Diethyl Ether  
Concen: 52.179 ug/l  
RT: 2.17 min Scan# 210  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 263104 |       |       |
| 45      | 104.5 | 53.8   | 161.4 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.512 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

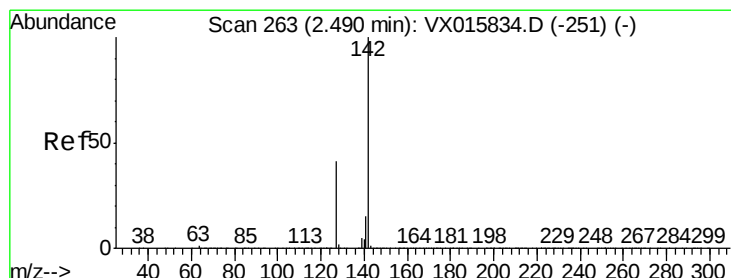
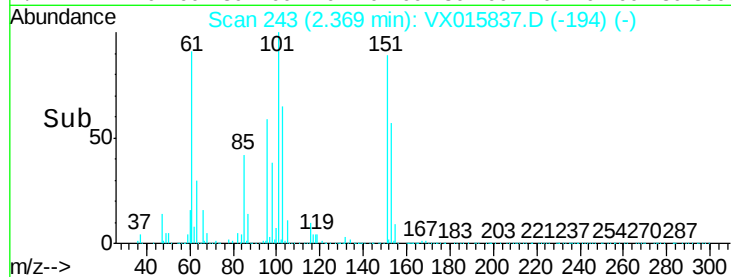
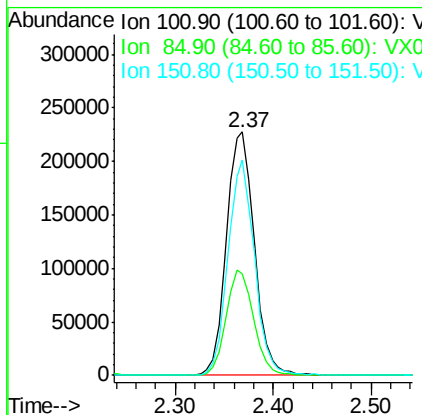
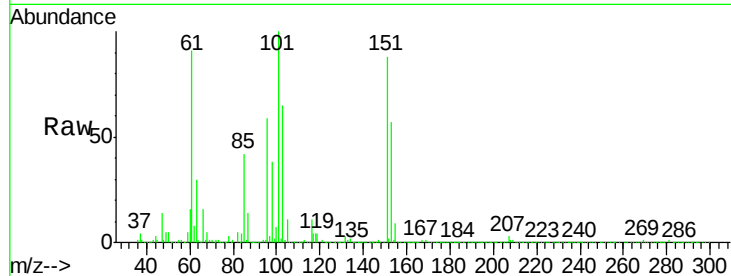
ClientSampleId :

ICVVX042220

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 451360 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.2  | 33.8  | 50.6   |
| 151       | 83.8  | 67.8  | 101.6  |

Manual Integrations  
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4/23/2020 11:58:21 AM



#10

Methyl Iodide

Concen: 58.073 ug/l

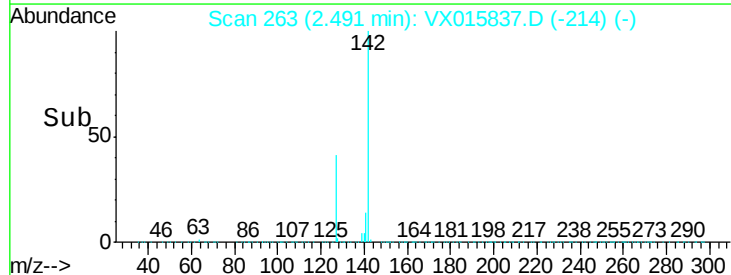
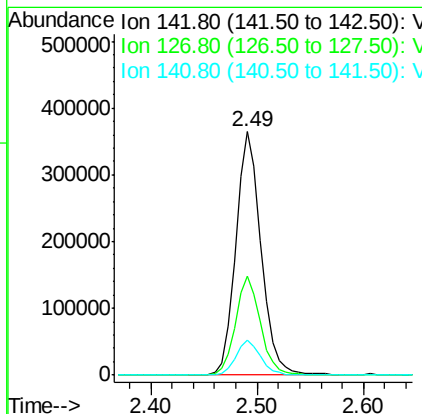
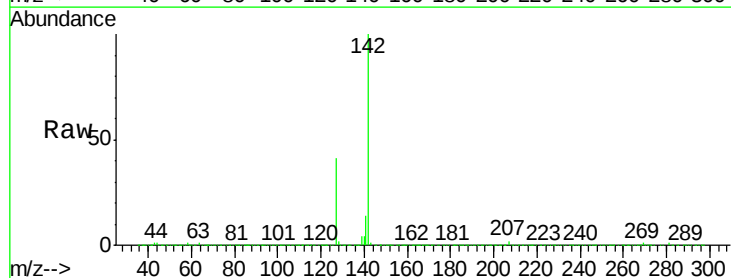
RT: 2.49 min Scan# 263

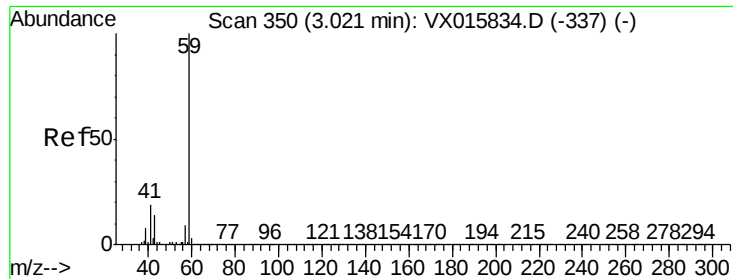
Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 605165 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.0  | 33.3  | 49.9   |
| 141       | 14.1  | 11.8  | 17.6   |





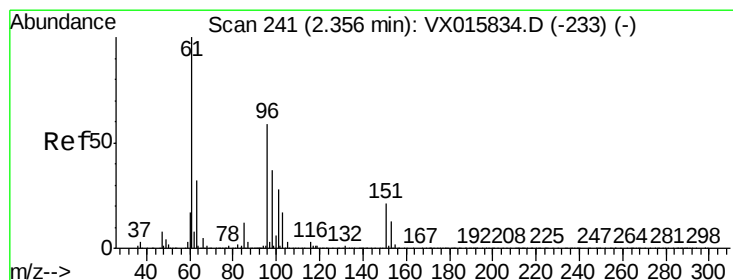
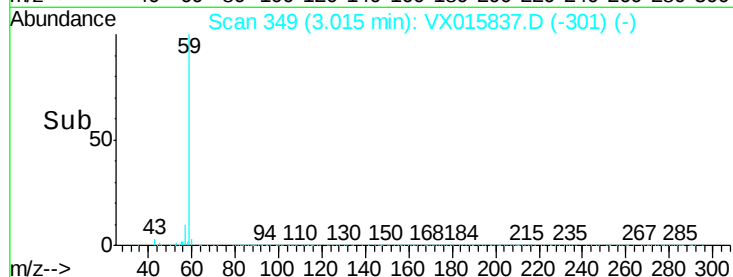
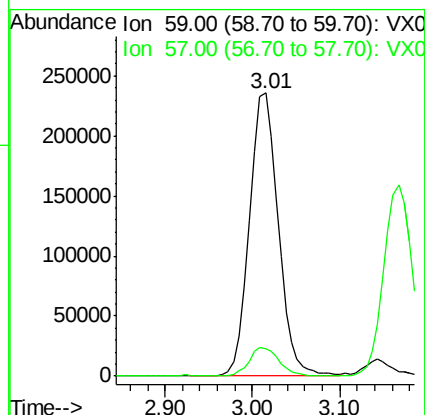
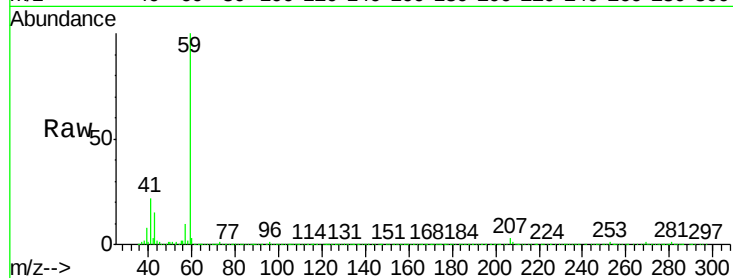
#11  
Tert butyl alcohol  
Concen: 234.472 ug/l  
RT: 3.01 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.2   | 12.2  |

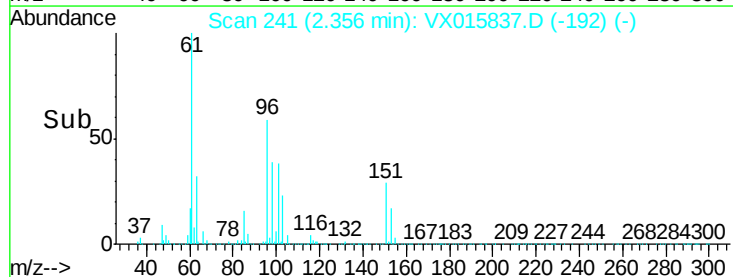
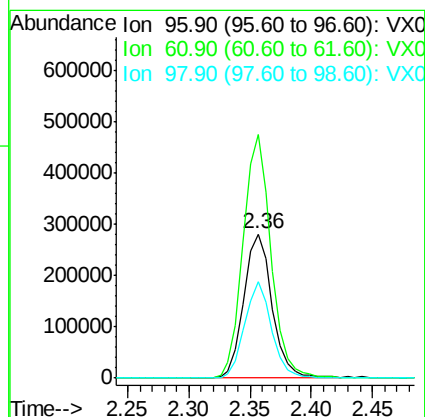
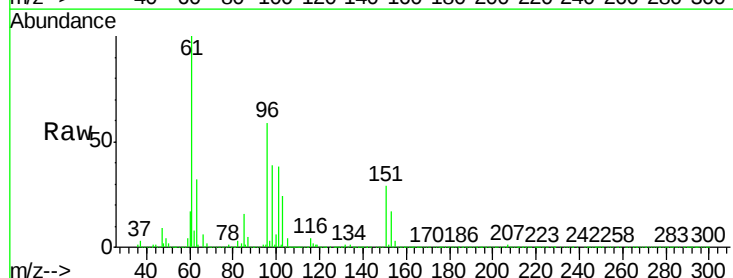
Manual Integrations  
APPROVED

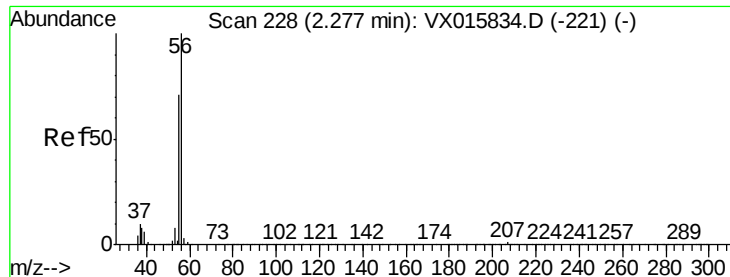
MMDadoda  
4/23/2020 11:58:21 AM



#12  
1,1-Dichloroethene  
Concen: 51.926 ug/l  
RT: 2.36 min Scan# 241  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 169.7 | 135.0 | 202.6 |
| 98      | 66.7  | 50.6  | 76.0  |





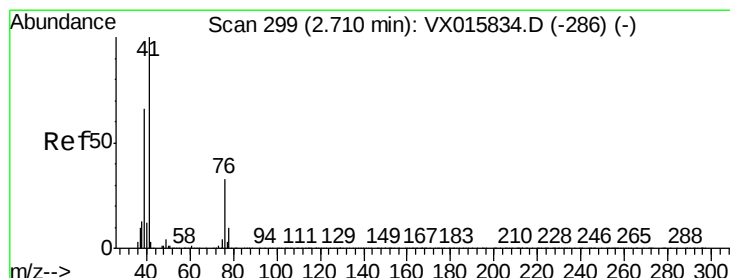
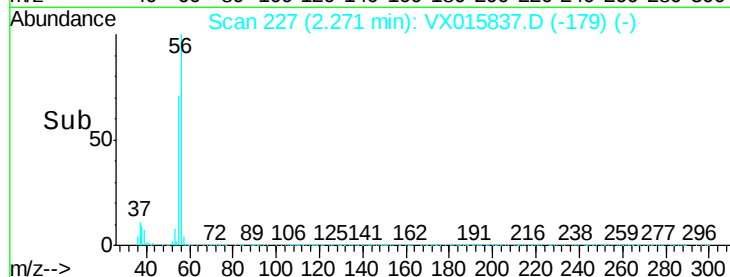
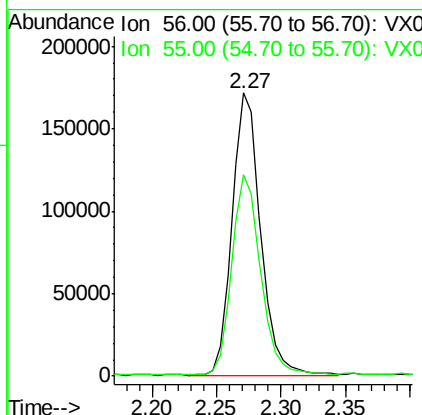
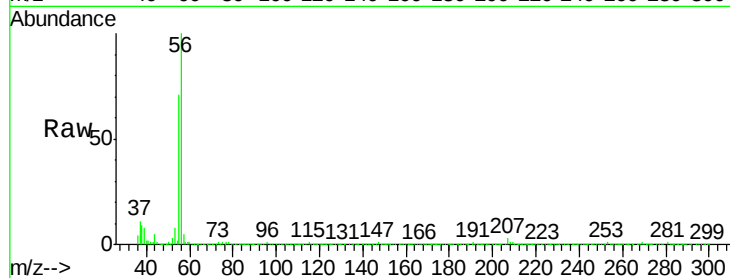
#13  
Acrolein  
Concen: 194.735 ug/l  
RT: 2.27 min Scan# 227  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 71.3  | 56.1  | 84.1  |

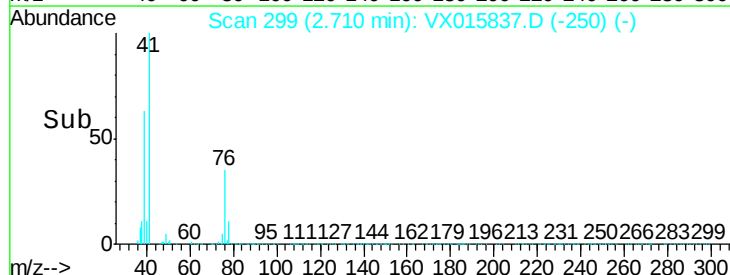
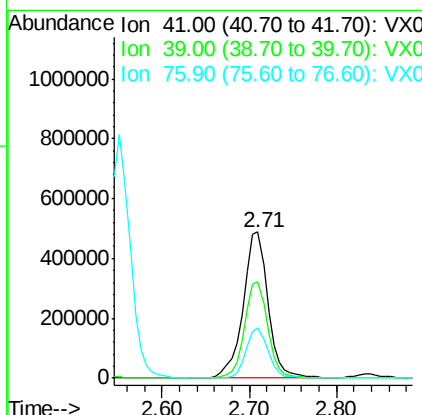
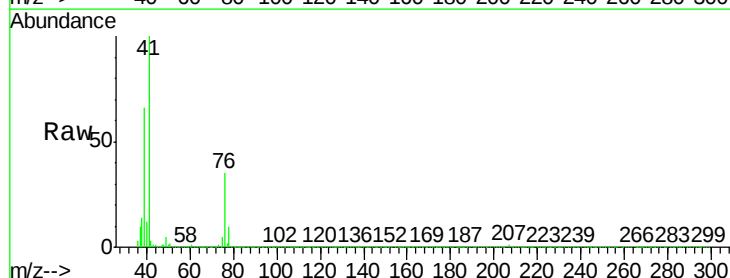
Manual Integrations  
APPROVED

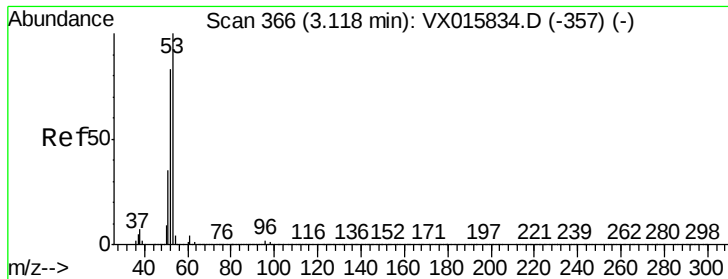
MMDadoda  
4/23/2020 11:58:21 AM



#14  
Allyl chloride  
Concen: 52.117 ug/l  
RT: 2.71 min Scan# 299  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 61.6  | 48.4  | 72.6  |
| 76      | 30.4  | 23.8  | 35.8  |





#15

Acrylonitrile

Concen: 256.980 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

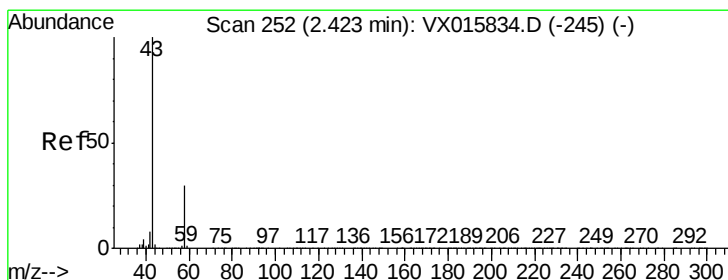
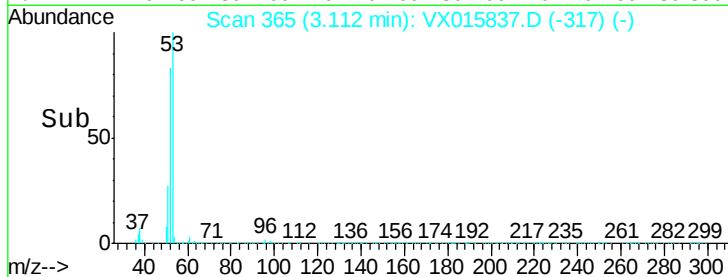
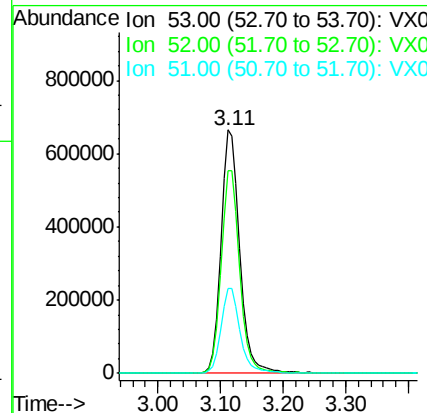
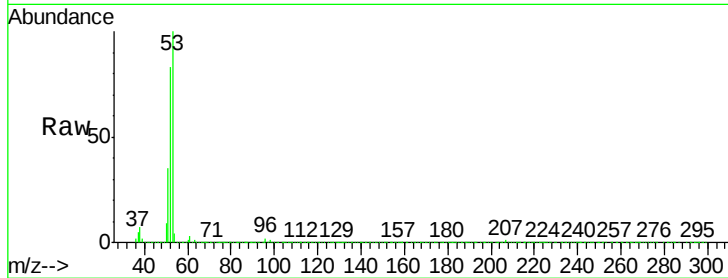
ClientSampleId :

ICVVX042220

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 53    | Resp: | 1368981 |
| Ion      | Ratio | Lower | Upper   |
| 53       | 100   |       |         |
| 52       | 82.0  | 66.2  | 99.4    |
| 51       | 35.5  | 28.6  | 43.0    |

Manual Integrations  
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4/23/2020 11:58:21 AM



#16

Acetone

Concen: 223.455 ug/l

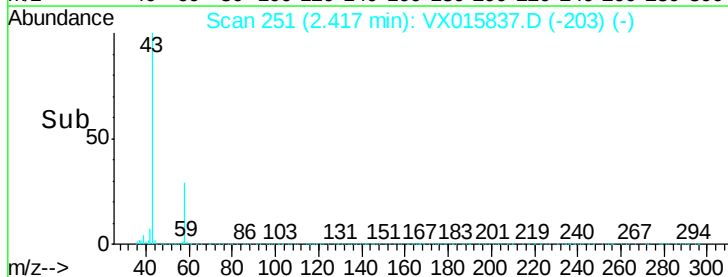
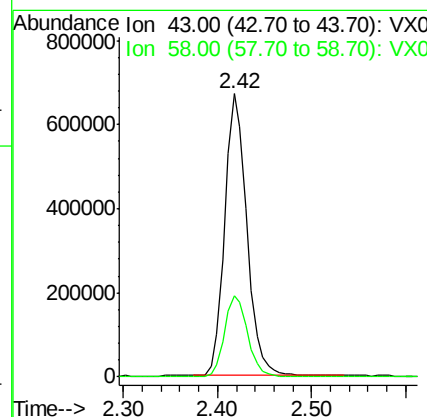
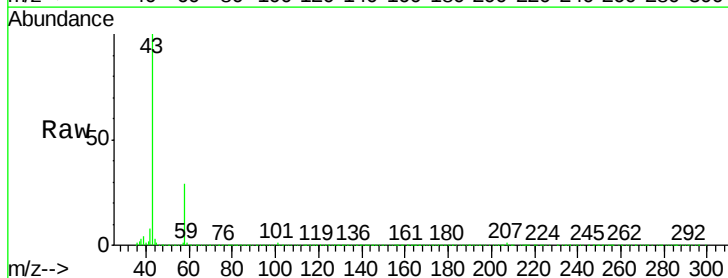
RT: 2.42 min Scan# 251

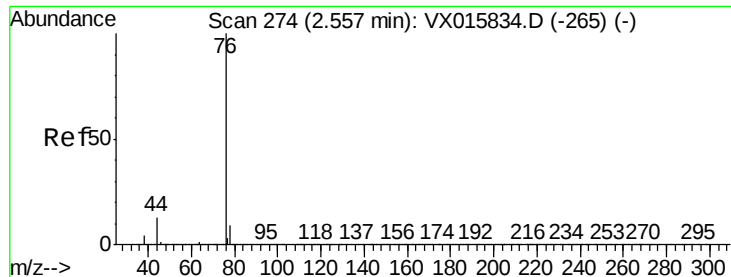
Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1092931 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 58       | 28.8  | 24.0  | 36.0    |





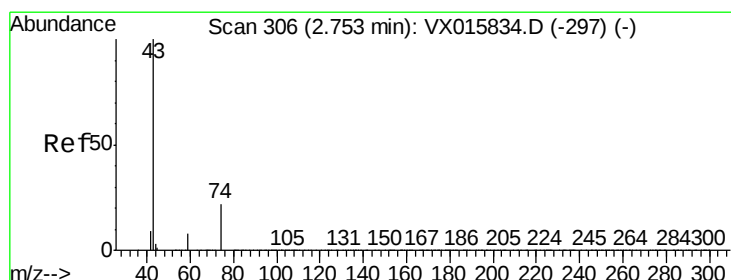
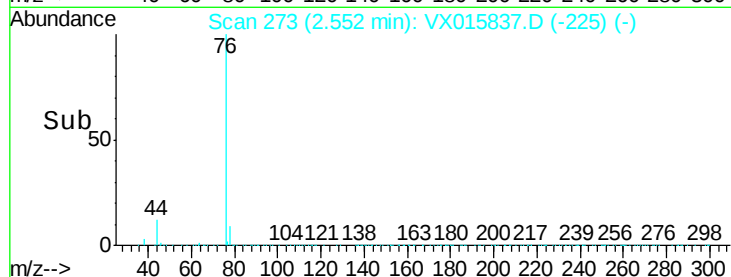
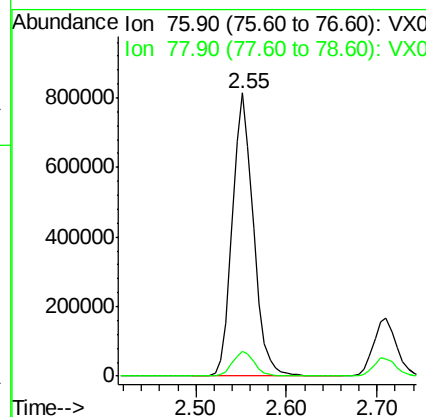
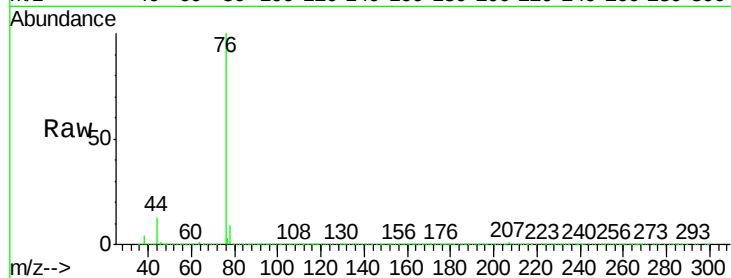
#17  
Carbon Disulfide  
Concen: 41.699 ug/l  
RT: 2.55 min Scan# 273  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.6   | 7.4   | 11.2  |

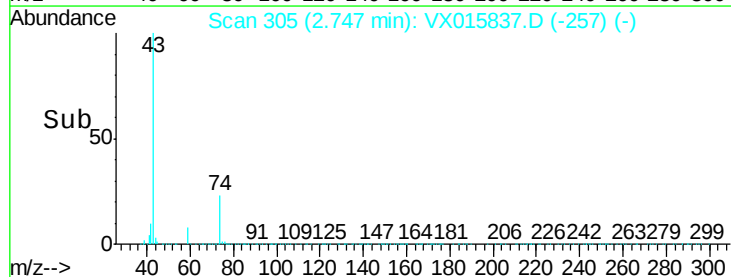
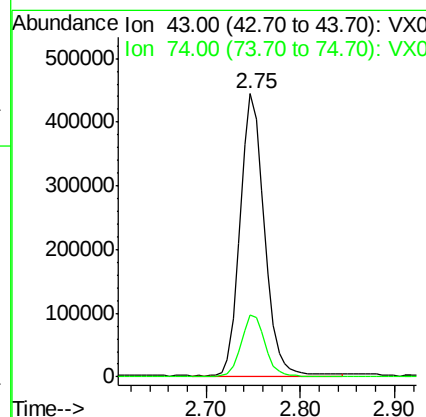
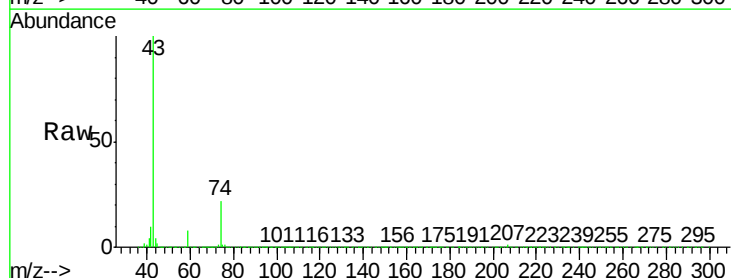
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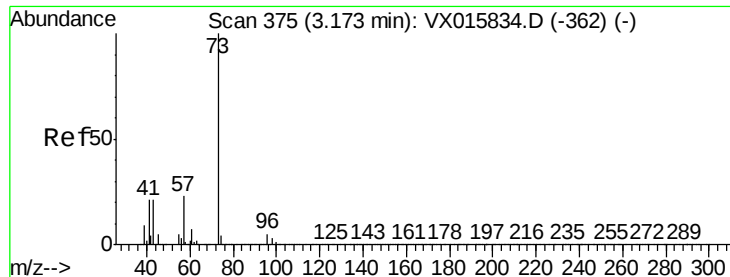
MMDadoda  
4/23/2020 11:58:21 AM



#18  
Methyl Acetate  
Concen: 49.105 ug/l  
RT: 2.75 min Scan# 305  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.1  | 17.9  | 26.9  |





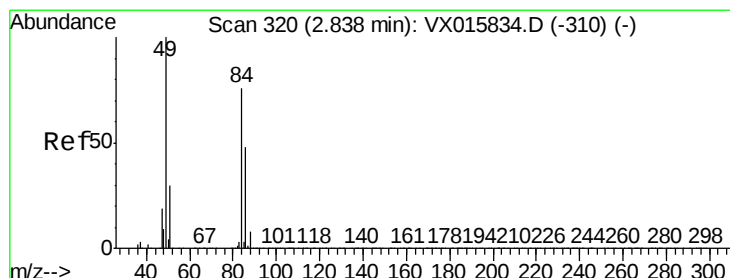
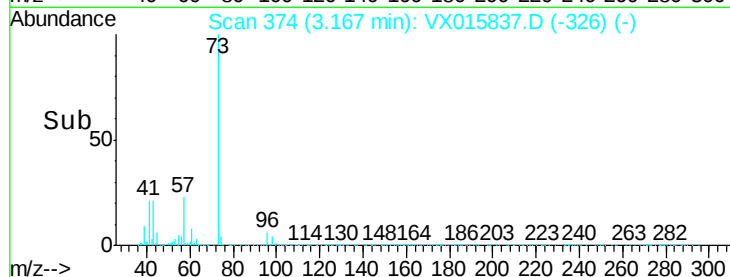
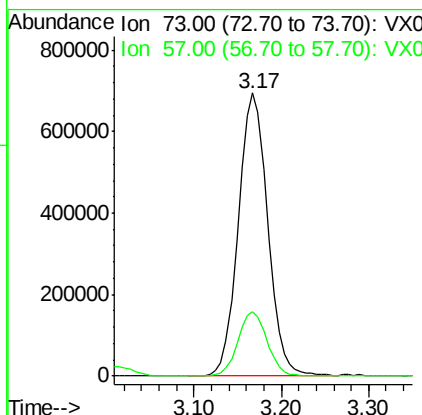
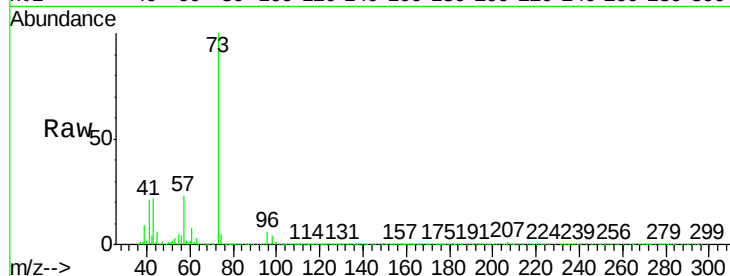
#19  
Methvl tert-butvl Ether  
Concen: 52.884 ug/l  
RT: 3.17 min Scan# 374  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion: 73 Resp: 1615007  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.1 27.1

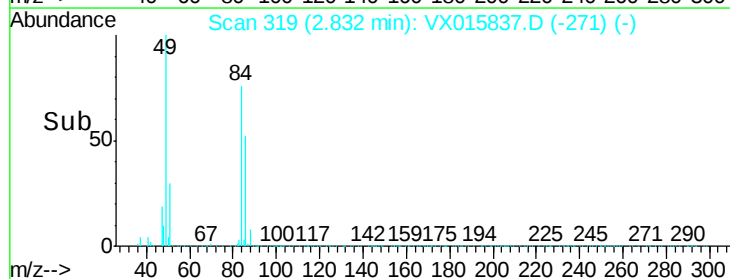
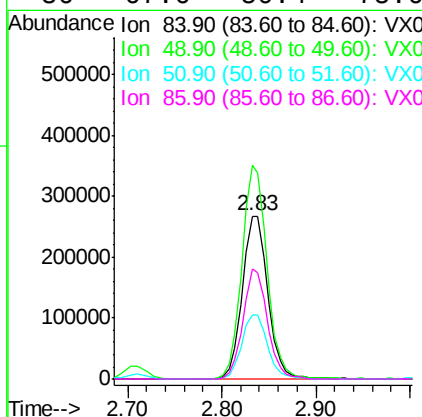
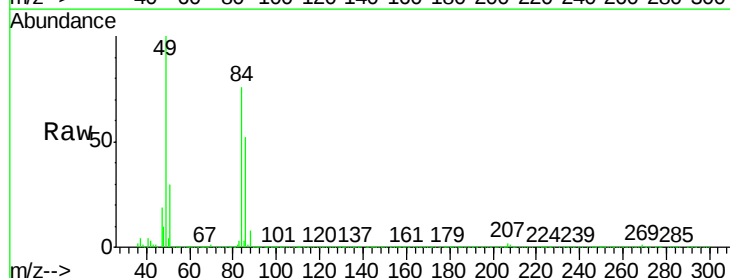
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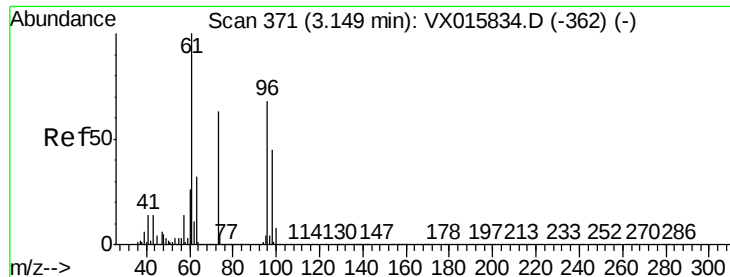
MMDadoda  
4/23/2020 11:58:21 AM



#20  
Methylene Chloride  
Concen: 50.687 ug/l  
RT: 2.83 min Scan# 319  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion: 84 Resp: 503283  
Ion Ratio Lower Upper  
84 100  
49 131.3 104.9 157.3  
51 39.4 32.0 48.0  
86 67.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

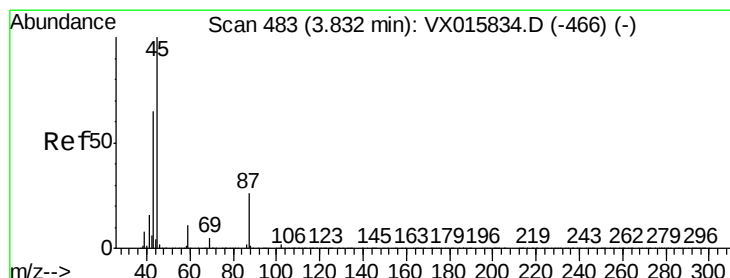
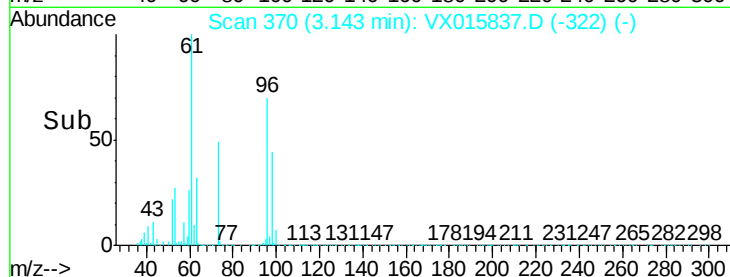
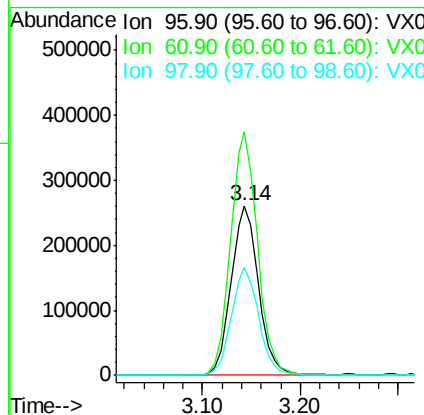
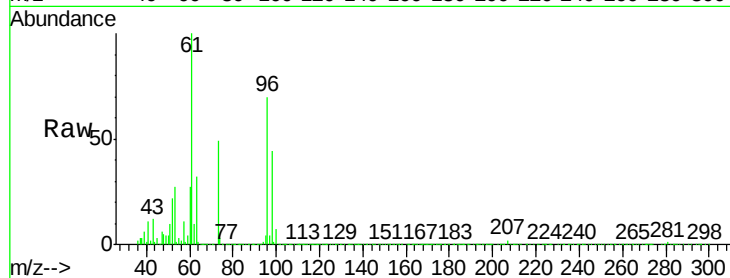
ClientSampleId :

ICVVX042220

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 501472 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 143.9 | 117.5 | 176.3  |
| 98       | 63.8  | 52.7  | 79.1   |

Manual Integrations  
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MMDadoda  
4/23/2020 11:58:21 AM



#22

Diisopropyl ether

Concen: 52.578 ug/l

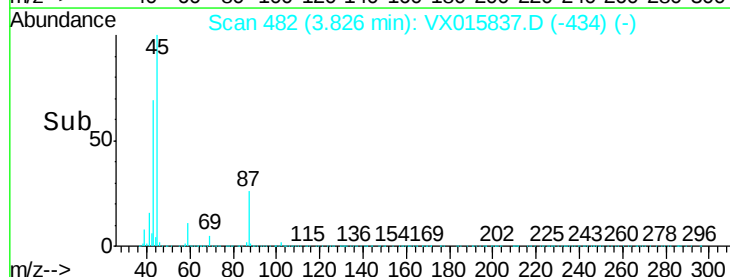
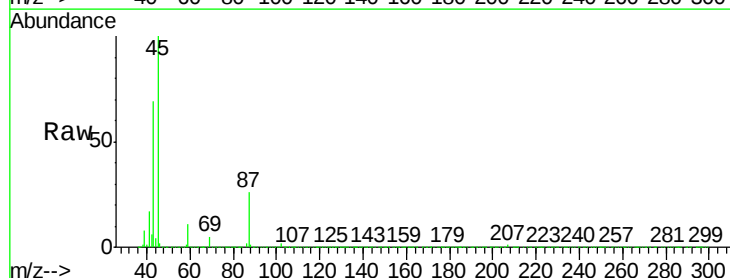
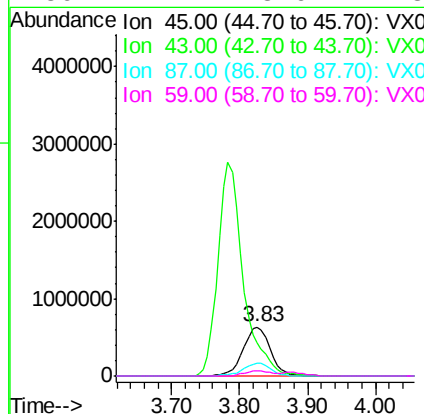
RT: 3.83 min Scan# 482

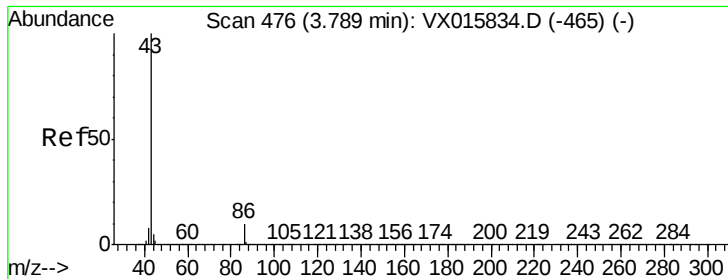
Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1741967 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 68.4  | 52.4  | 78.6    |
| 87       | 26.2  | 20.7  | 31.1    |
| 59       | 11.4  | 8.6   | 12.8    |





#23

Vinyl Acetate

Concen: 261.730 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 43 Resp: 7176927

Ion Ratio Lower Upper

43 100

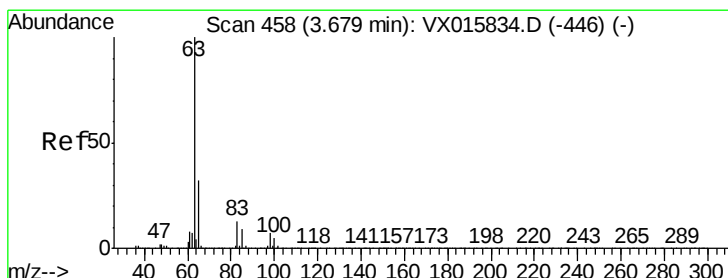
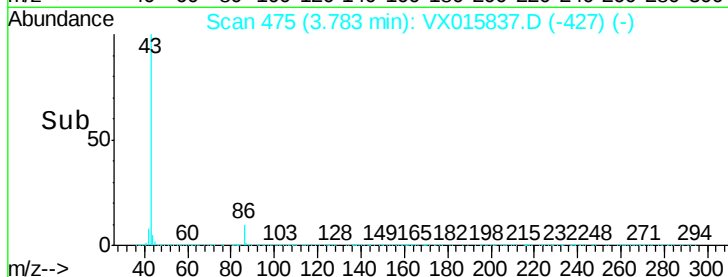
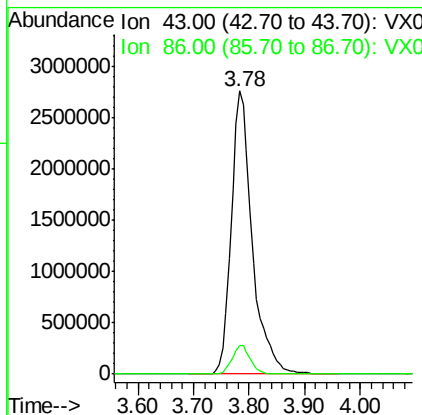
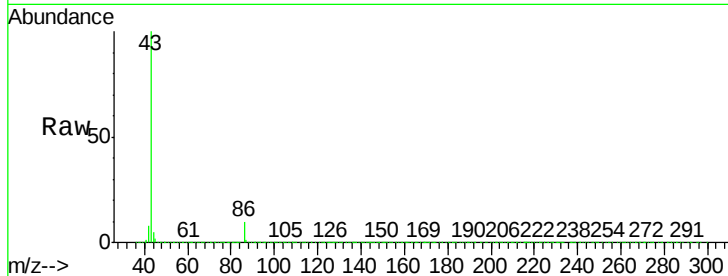
86 10.0 8.0 12.0

Manual Integrations

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4/23/2020 11:58:21 AM



#24

1,1-Dichloroethane

Concen: 52.973 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

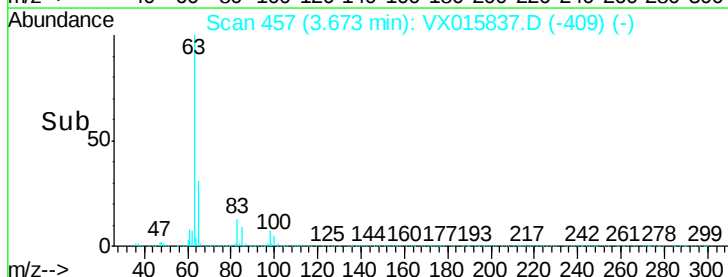
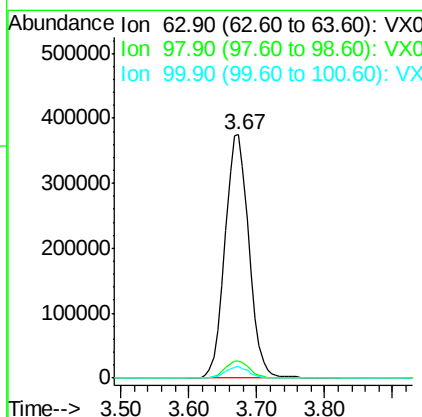
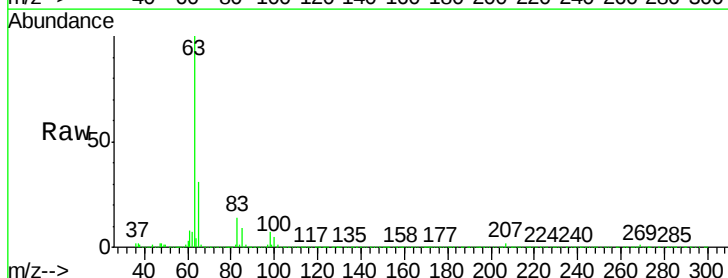
Tgt Ion: 63 Resp: 914763

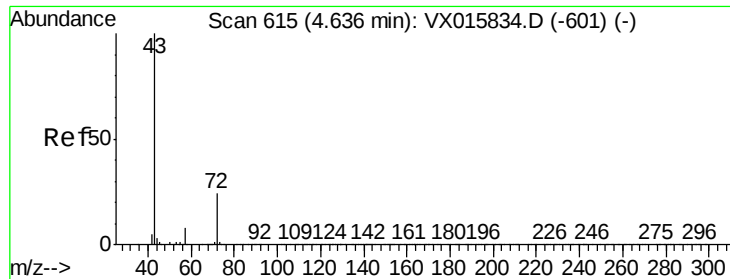
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 237.371 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 43 Resp: 1835061

Ion Ratio Lower Upper

43 100

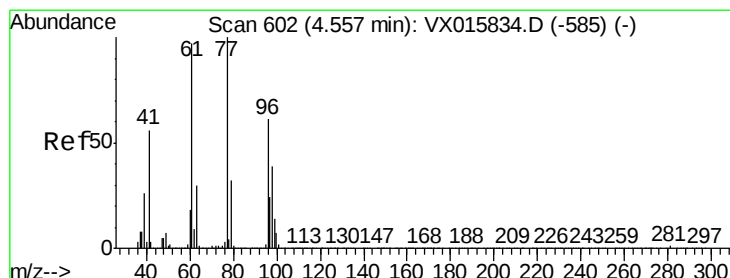
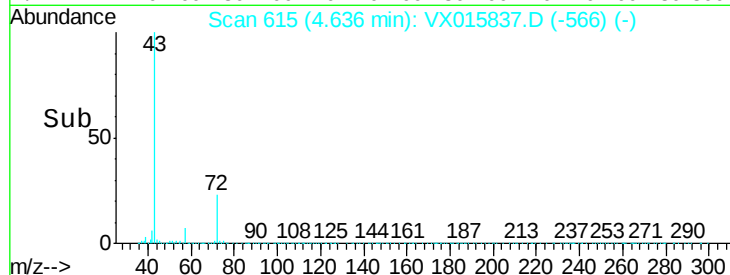
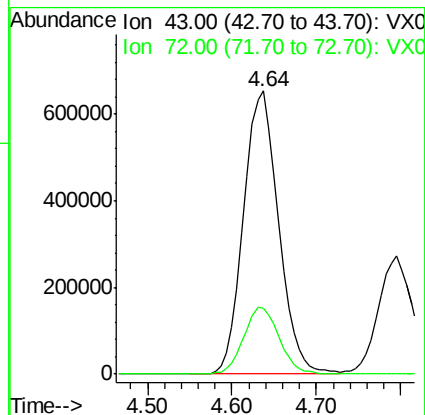
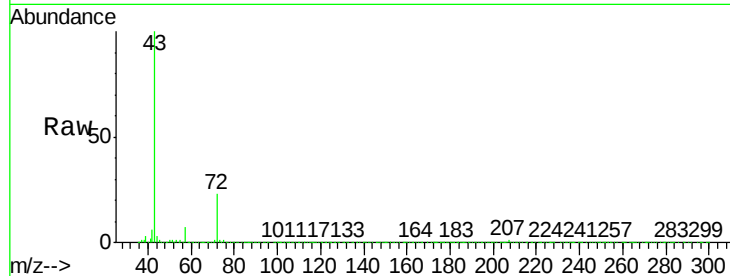
72 22.9 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.026 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015837.D

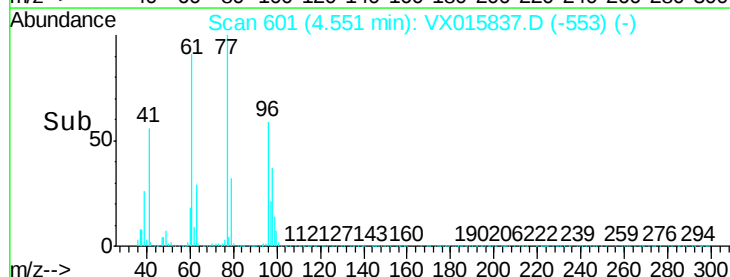
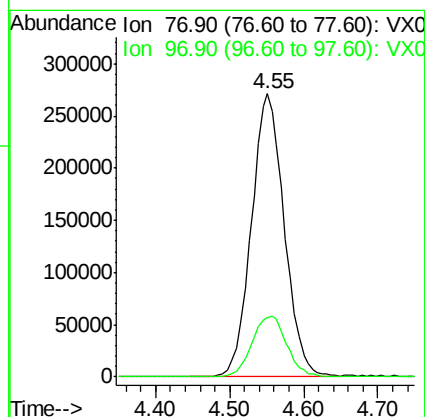
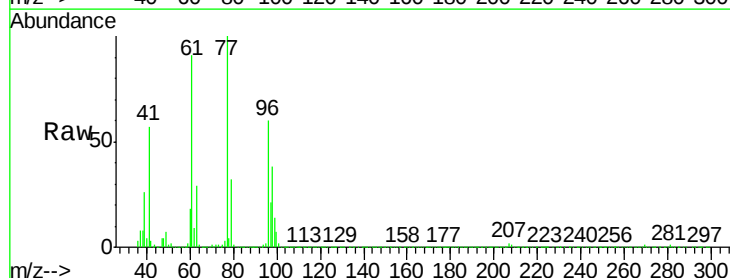
Acq: 22 Apr 2020 13:11

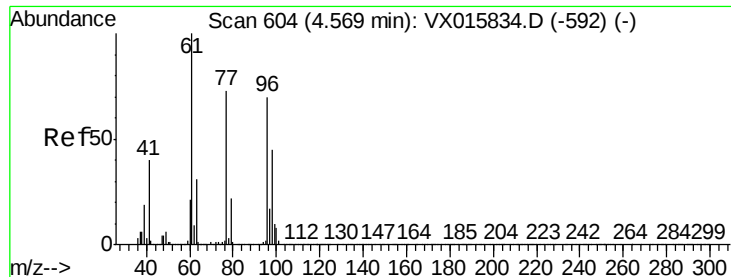
Tgt Ion: 77 Resp: 833388

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

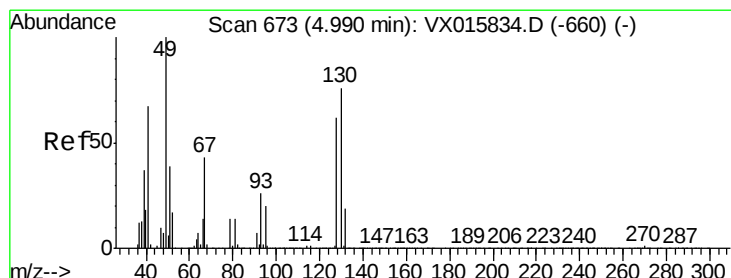
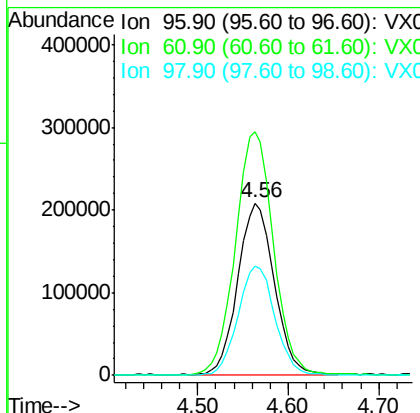
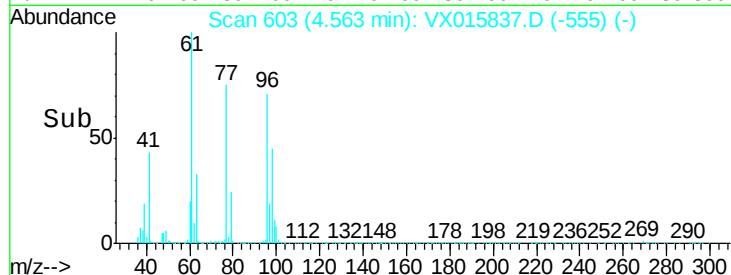
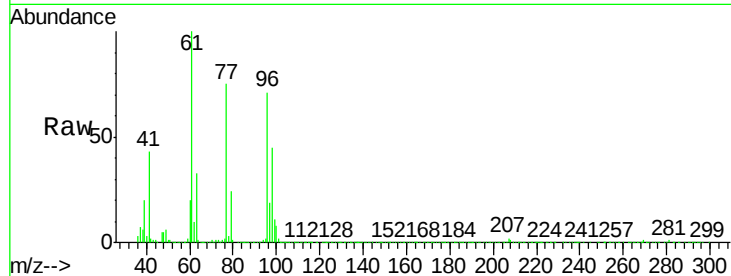
cis-1,2-Dichloroethene  
Concen: 52.995 ug/l  
RT: 4.56 min Scan# 603  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 577453 |       |       |
| 61      | 147.8 | 0.0    | 299.4 |       |
| 98      | 64.5  | 0.0    | 129.6 |       |

Manual Integrations  
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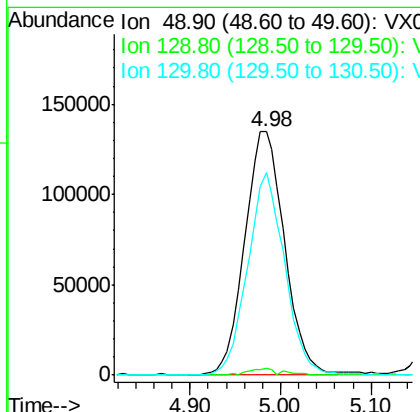
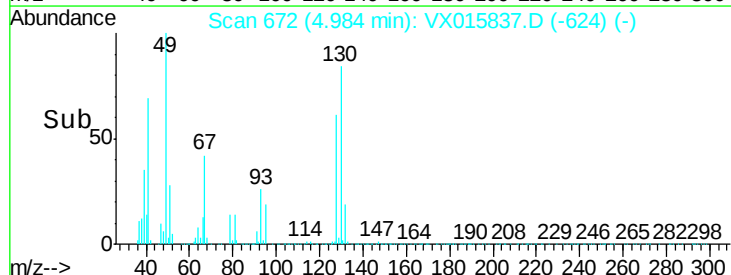
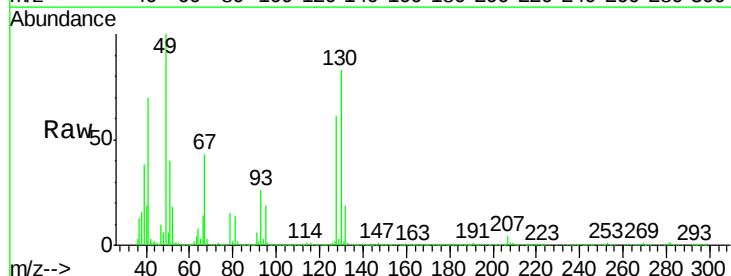
MMDadoda  
4/23/2020 11:58:21 AM

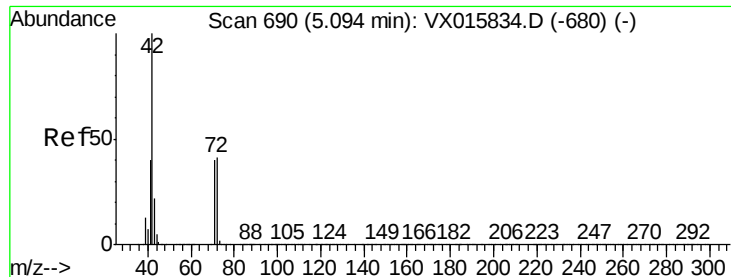


#28

Bromochloromethane  
Concen: 45.208 ug/l  
RT: 4.98 min Scan# 672  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 409637 |       |       |
| 129     | 1.5   | 0.0    | 1.8   |       |
| 130     | 77.8  | 62.4   | 93.6  |       |





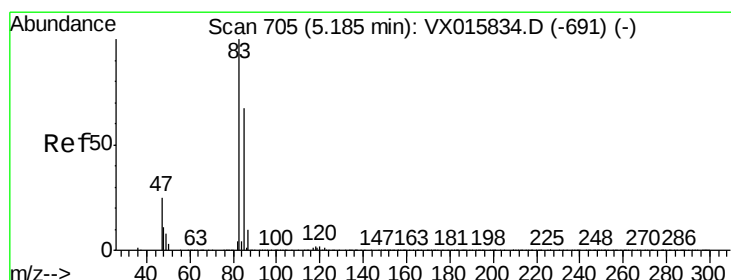
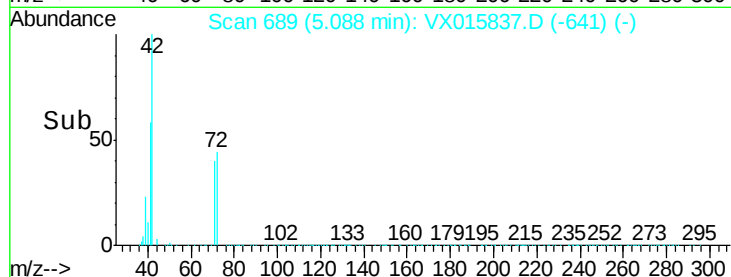
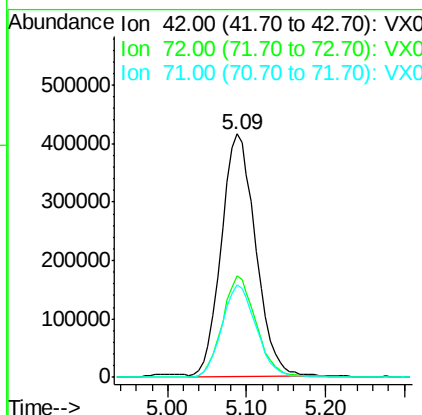
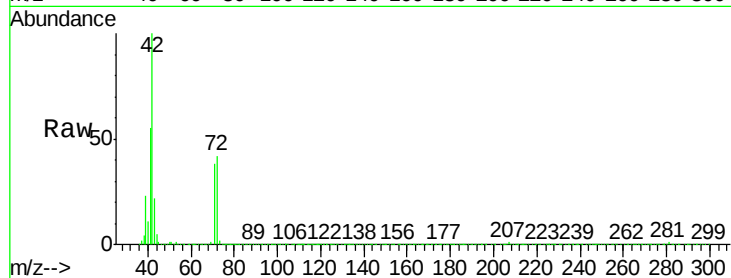
#29  
Tetrahydrofuran  
Concen: 246.201 ug/l  
RT: 5.09 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 42    | Resp: | 1258921 |
| Ion      | Ratio | Lower | Upper   |
| 42       | 100   |       |         |
| 72       | 41.0  | 33.0  | 49.6    |
| 71       | 37.8  | 30.6  | 45.8    |

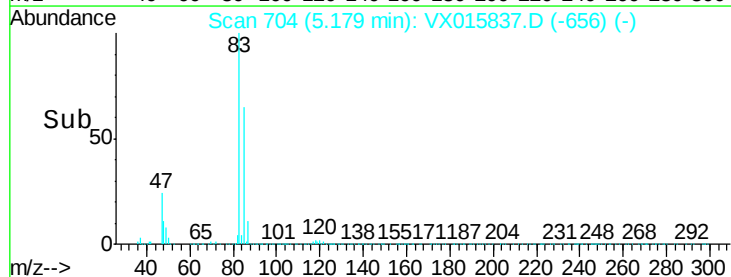
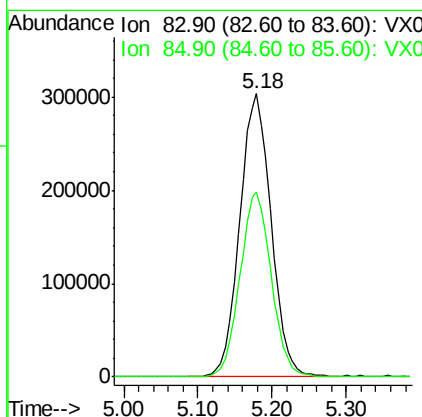
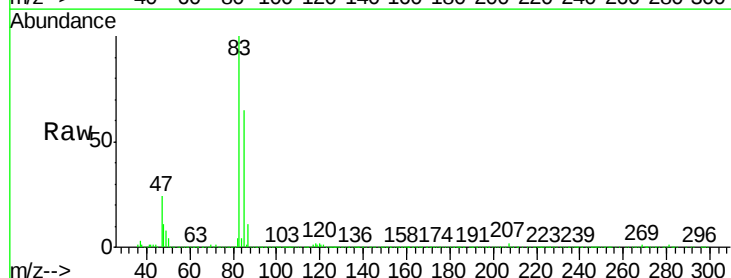
Manual Integrations  
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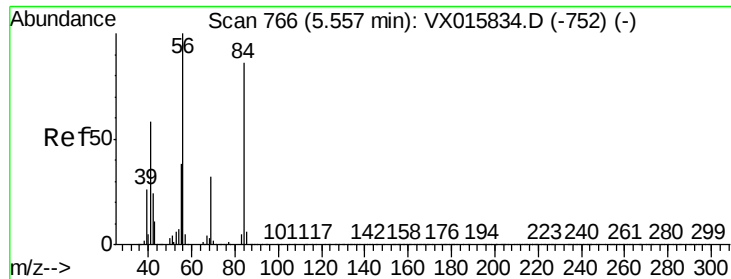
MMDadoda  
4/23/2020 11:58:21 AM



#30  
Chloroform  
Concen: 51.437 ug/l  
RT: 5.18 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 893686 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 53.4  | 80.0   |





#31

Cyclohexane

Concen: 53.726 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

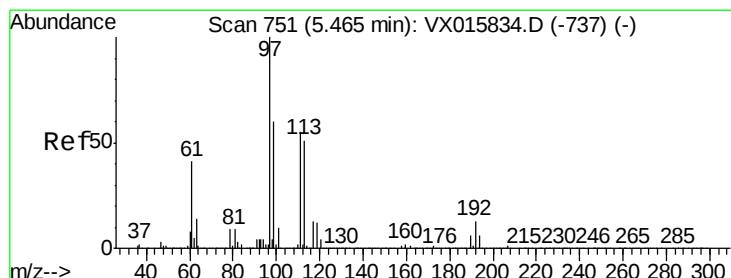
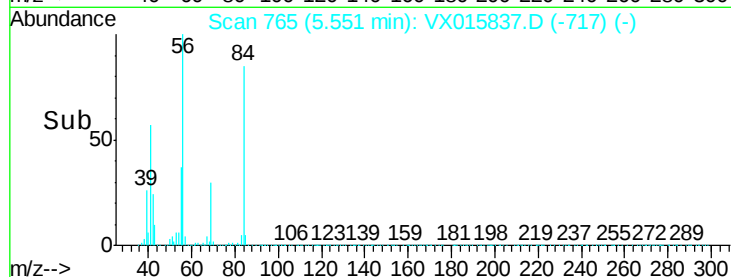
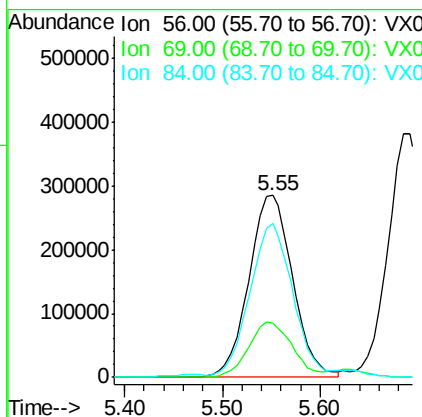
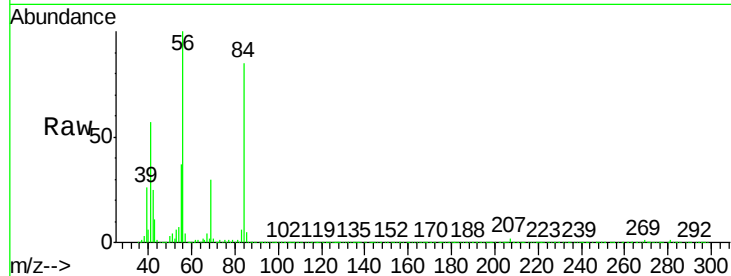
ClientSampleId :

ICVVX042220

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 881717 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 30.0 | 25.3  | 37.9   |
| 84        | 83.6 | 69.1  | 103.7  |

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#32

1,1,1-Trichloroethane

Concen: 52.629 ug/l

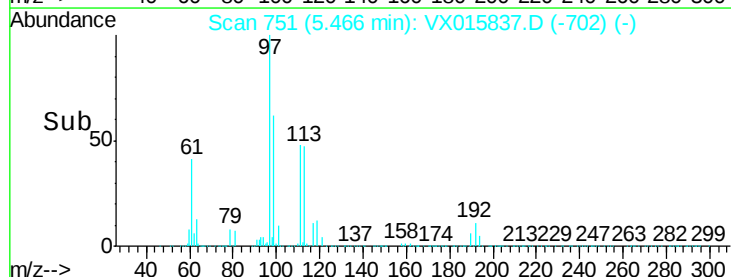
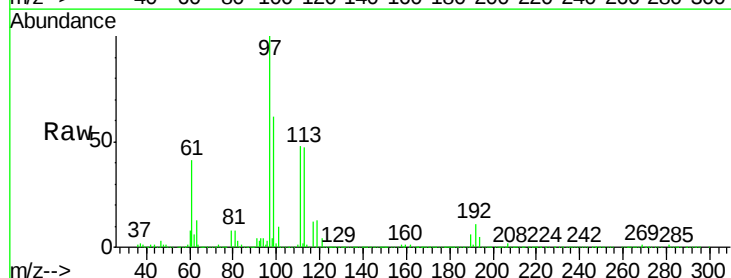
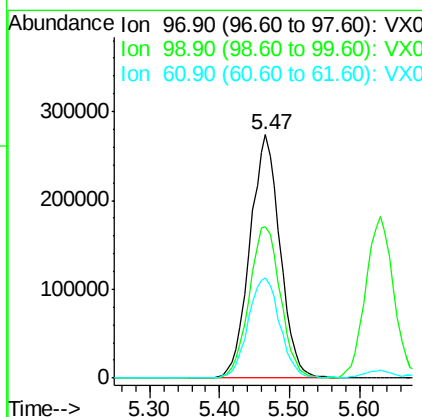
RT: 5.47 min Scan# 751

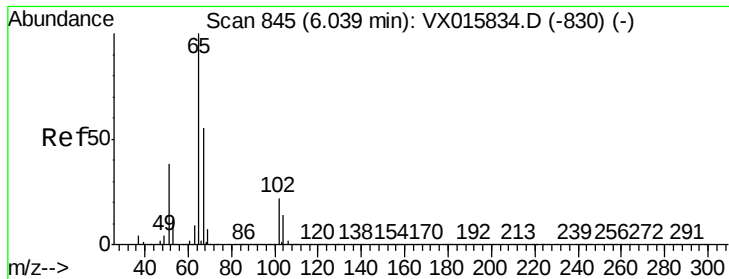
Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 815284 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 65.0 | 51.2  | 76.8   |
| 61        | 43.3 | 34.1  | 51.1   |





#33

1,2-Dichloroethane-d4

Concen: 42.393 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 65 Resp: 476190

Ion Ratio Lower Upper

65 100

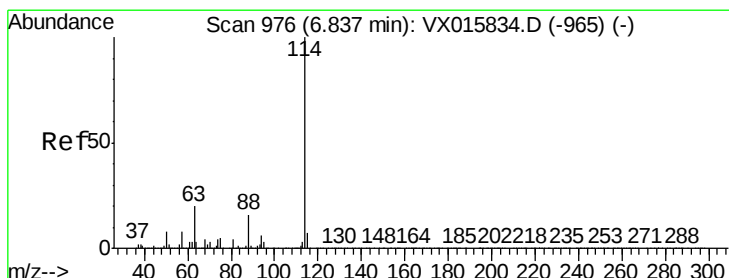
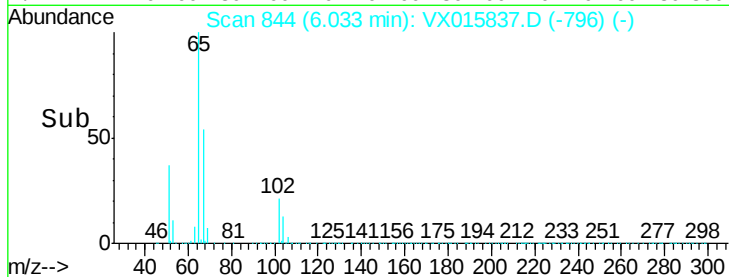
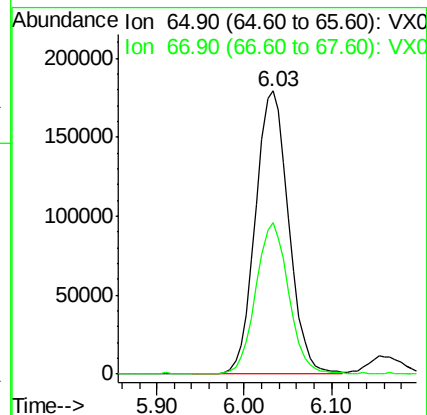
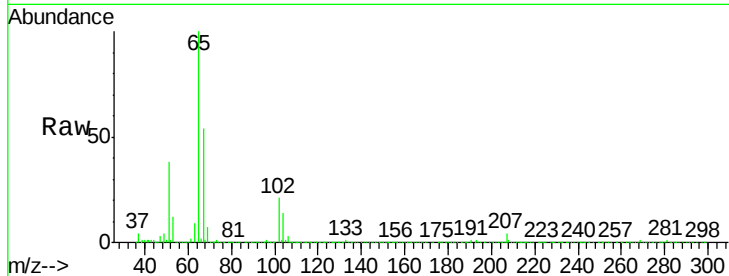
67 52.3 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

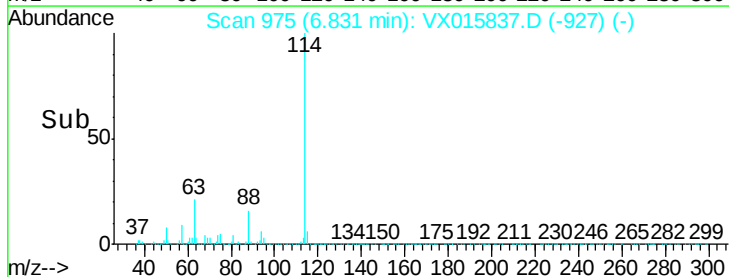
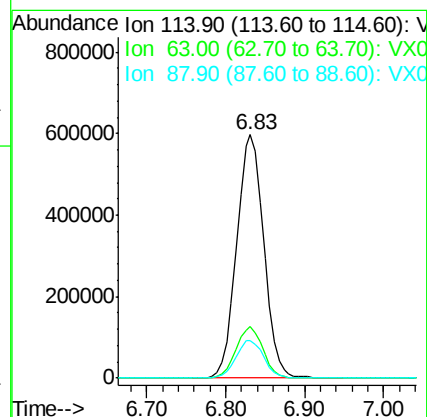
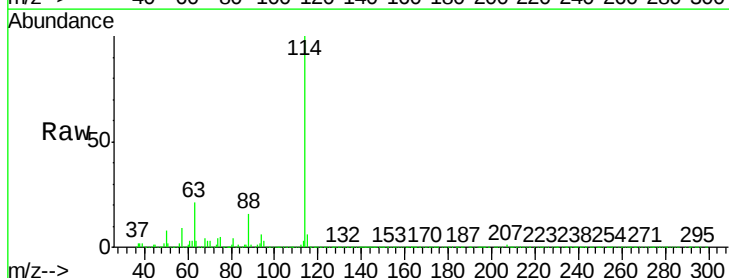
Tgt Ion: 114 Resp: 1426833

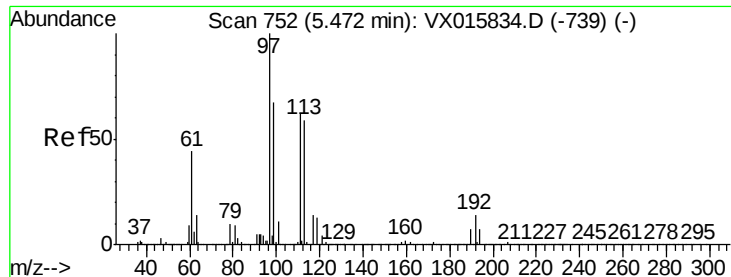
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.213 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

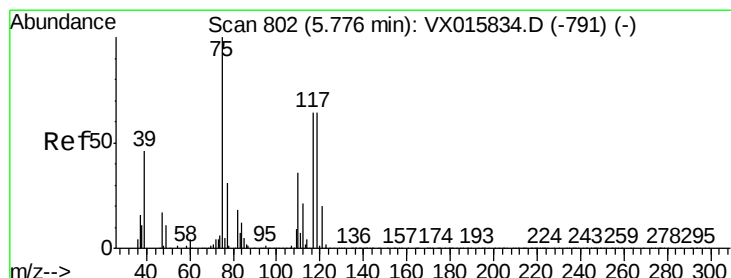
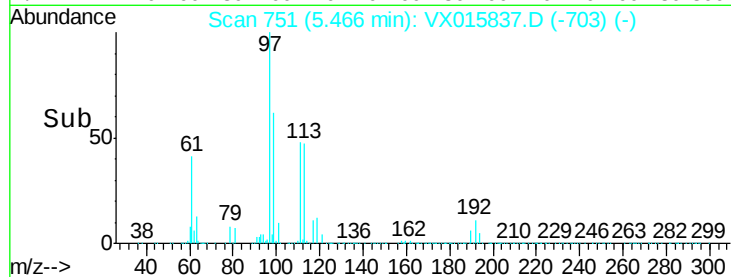
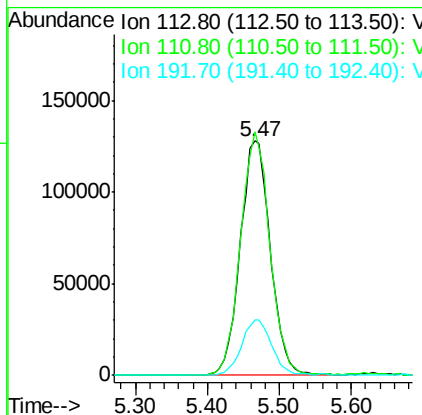
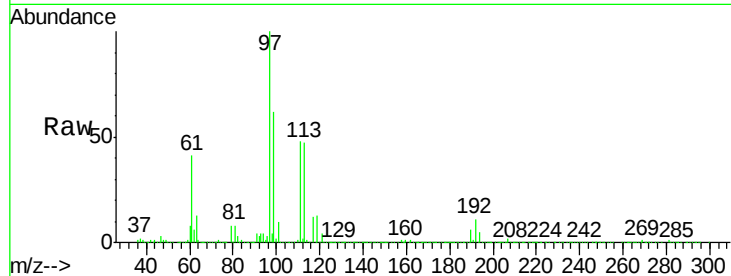
ClientSampleId :

ICVVX042220

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 372378 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 100.6 | 82.7  | 124.1  |
| 192       | 23.1  | 19.3  | 28.9   |

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#36

1,1-Dichloropropene

Concen: 56.025 ug/l

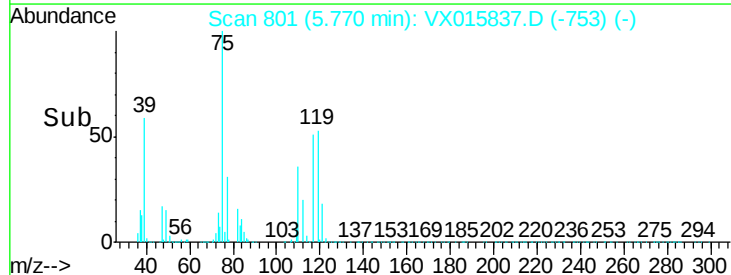
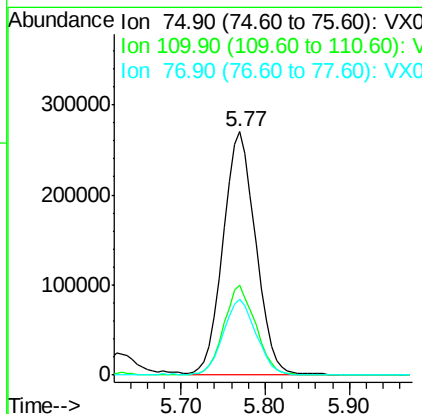
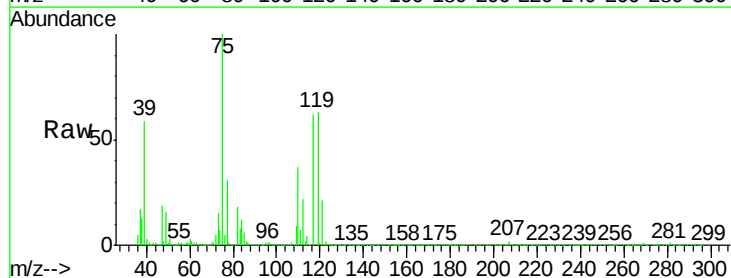
RT: 5.77 min Scan# 801

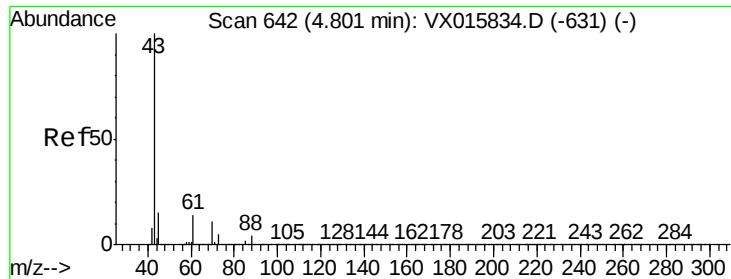
Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 708673 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.4  | 17.9  | 53.8   |
| 77        | 31.2  | 24.5  | 36.7   |





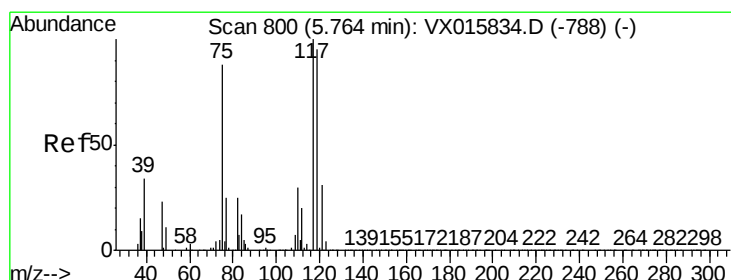
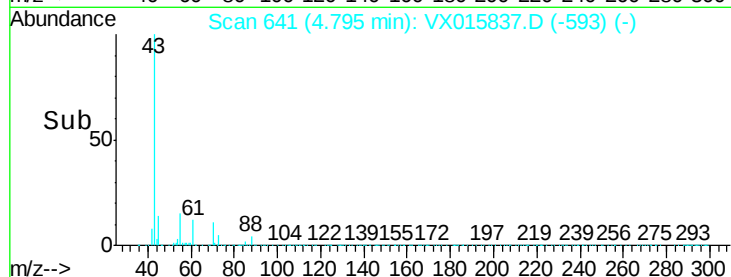
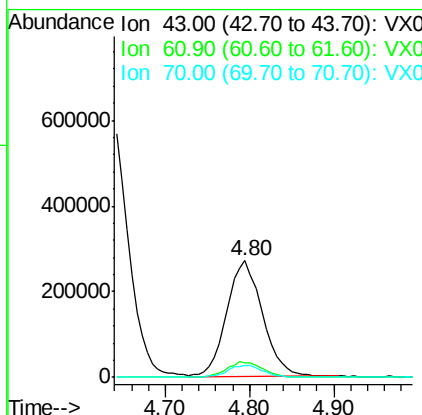
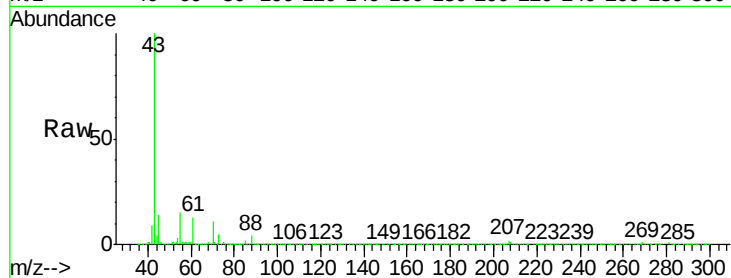
#37  
Ethyl Acetate  
Concen: 51.897 ug/l  
RT: 4.80 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 781270 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 12.9  | 10.8  | 16.2   |
| 70       | 10.3  | 8.2   | 12.2   |

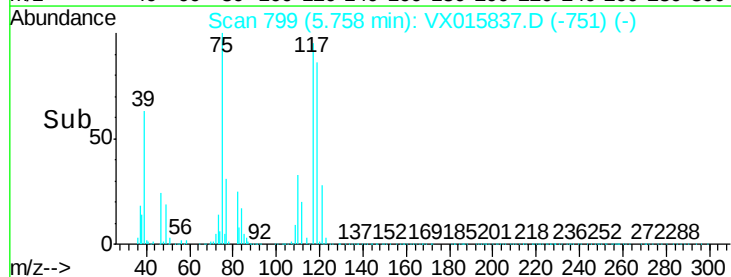
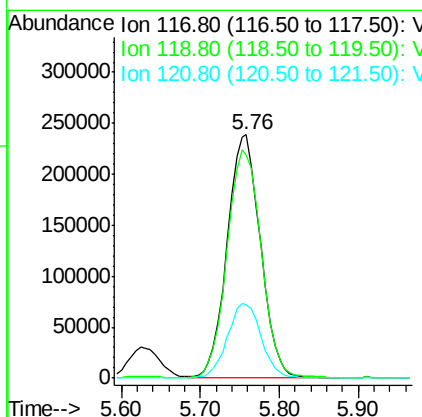
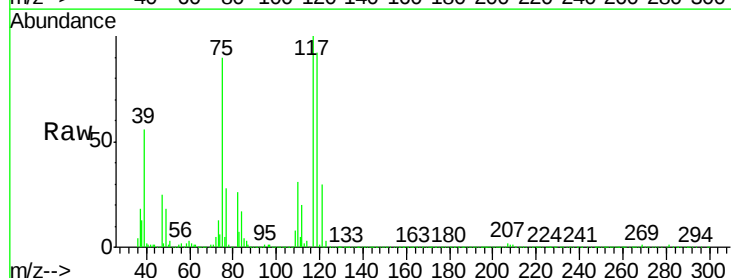
Manual Integrations  
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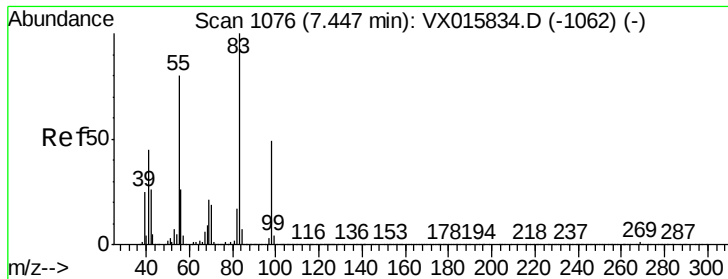
MMDadoda  
4/23/2020 11:58:21 AM



#38  
Carbon Tetrachloride  
Concen: 56.093 ug/l  
RT: 5.76 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 698892 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 91.7  | 75.7  | 113.5  |
| 121      | 30.1  | 25.0  | 37.6   |





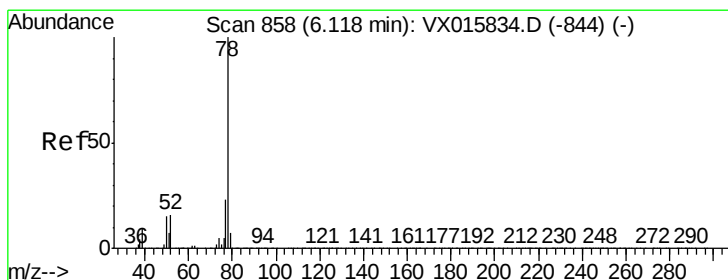
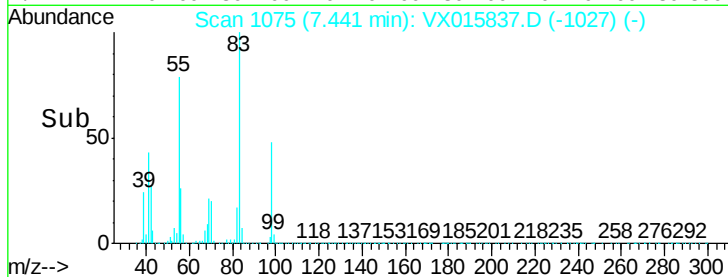
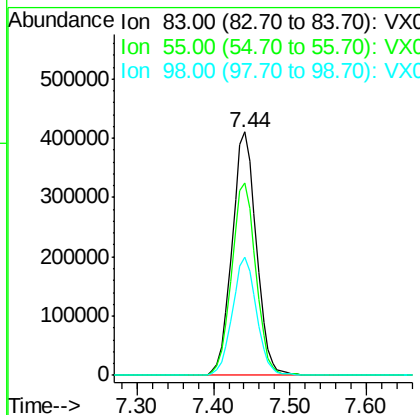
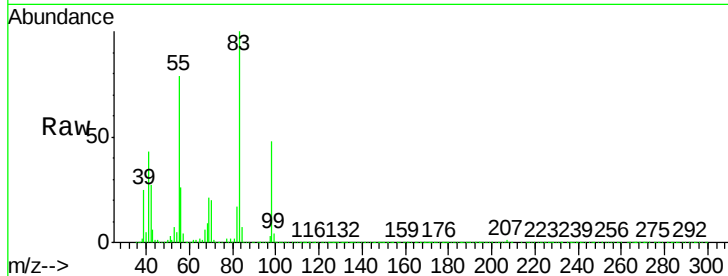
#39  
Methylvlcvclohexane  
Concen: 56.148 ug/l  
RT: 7.44 min Scan# 1075  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.1  | 64.2  | 96.4  |
| 98      | 48.4  | 39.3  | 58.9  |

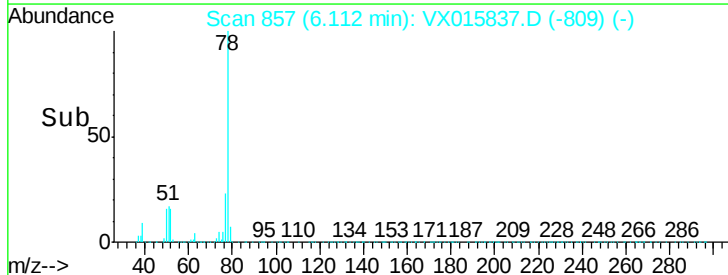
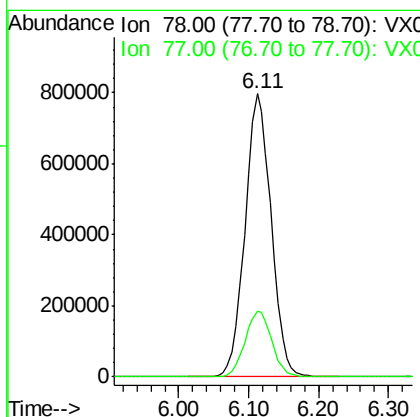
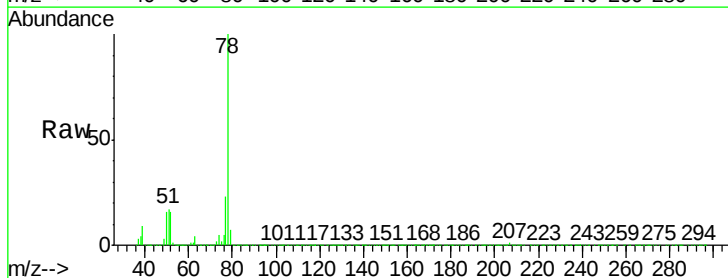
Manual Integrations  
APPROVED

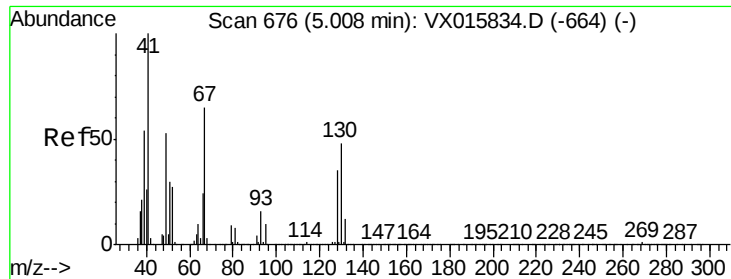
MMDadoda  
4/23/2020 11:58:21 AM



#40  
Benzene  
Concen: 54.094 ug/l  
RT: 6.11 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.1  | 18.6  | 27.8  |





#41

Methacrylonitrile

Concen: 54.134 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

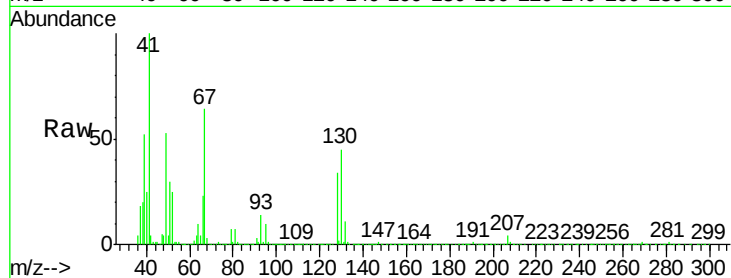
ClientSampleId :

ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 52.9  | 42.4  | 63.6  |
| 67      | 64.2  | 51.9  | 77.9  |
| 52      | 26.0  | 21.0  | 31.4  |

Manual Integrations  
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MMDadoda  
4/23/2020 11:58:21 AM

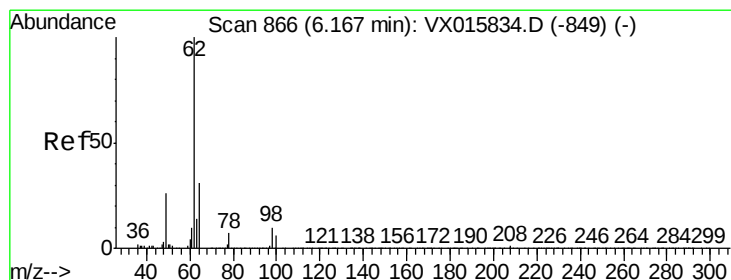
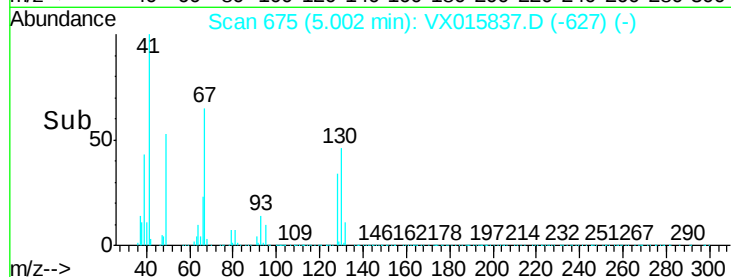
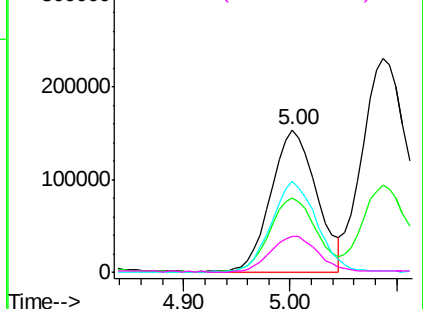


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.646 ug/l

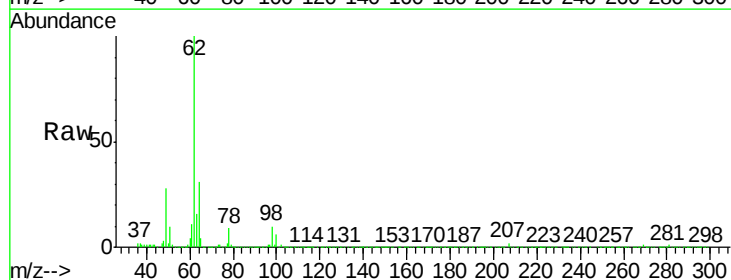
RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015837.D

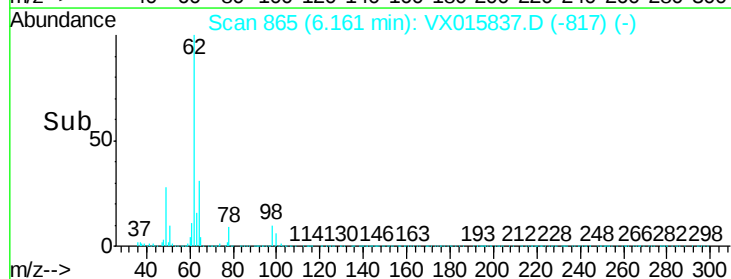
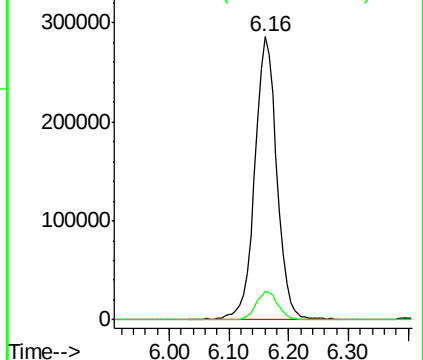
Acq: 22 Apr 2020 13:11

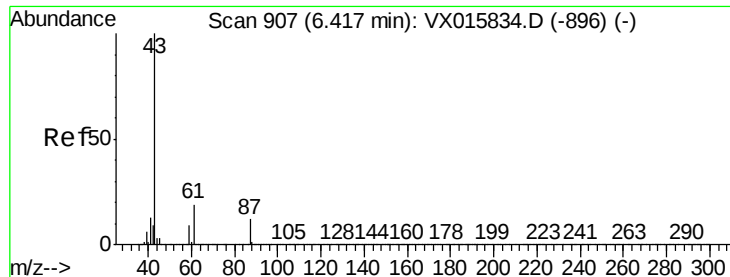
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.8   | 0.0   | 20.0  |



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

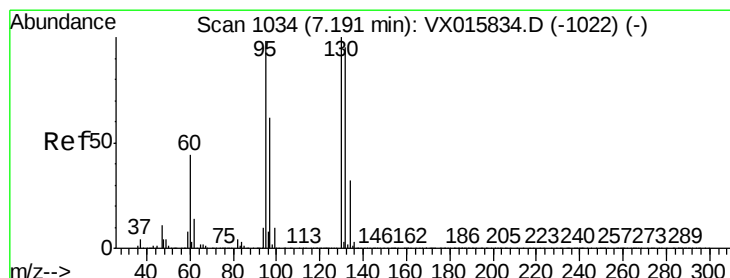
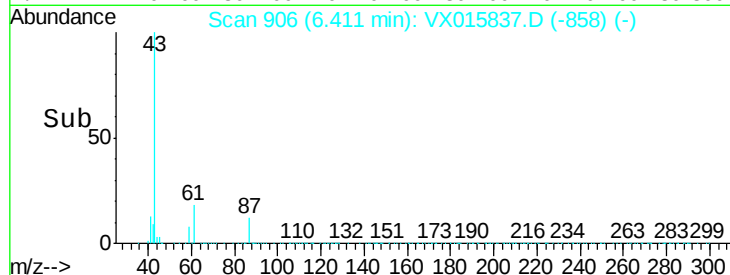
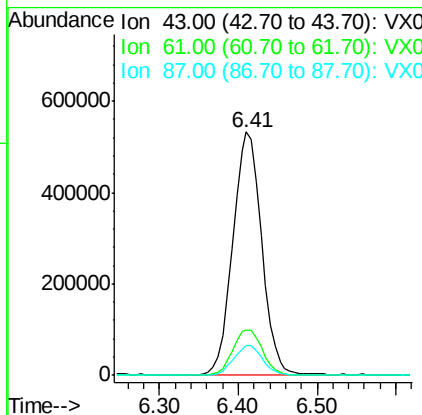
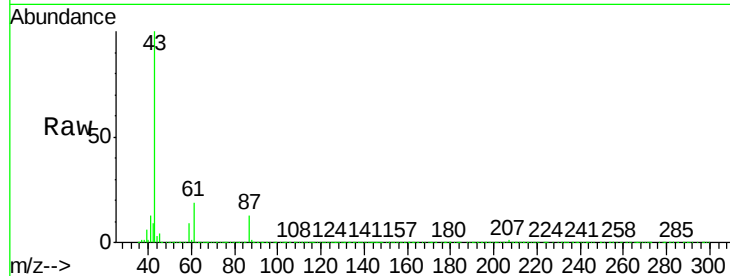
Isopropyl Acetate  
 Concen: 52.948 ug/l  
 RT: 6.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.4  | 15.4  | 23.2  |
| 87      | 12.5  | 9.8   | 14.6  |

Manual Integrations  
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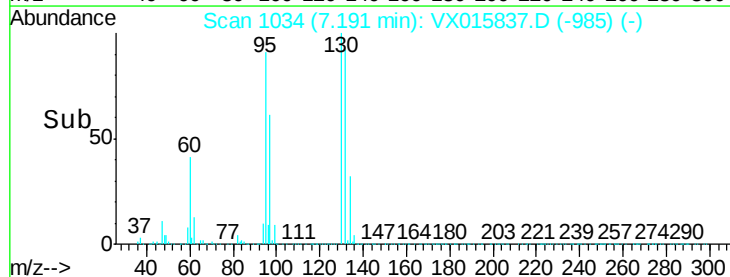
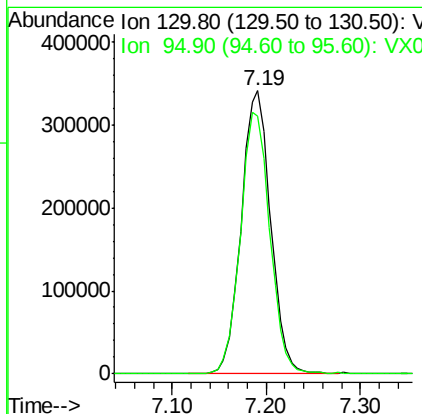
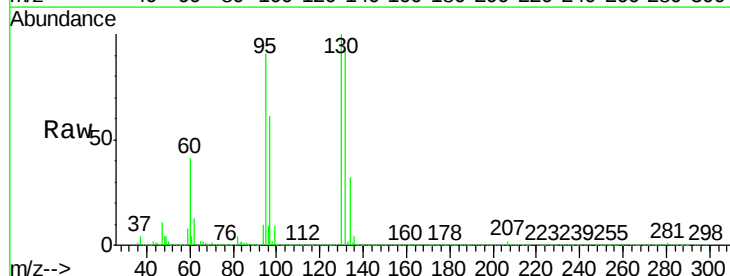
MMDadoda  
 4/23/2020 11:58:21 AM

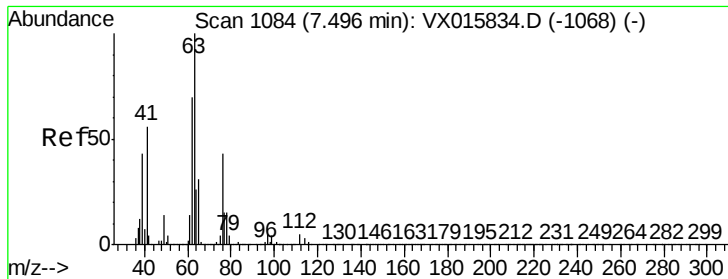


#44

Trichloroethene  
 Concen: 55.031 ug/l  
 RT: 7.19 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.0  | 0.0   | 195.8 |





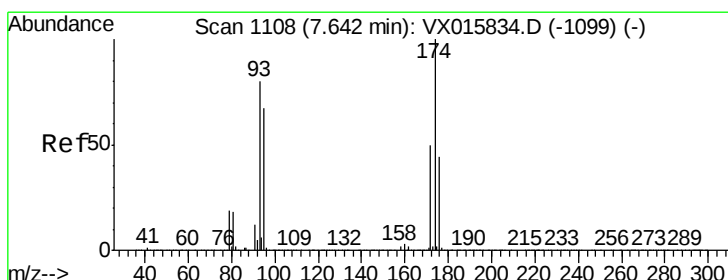
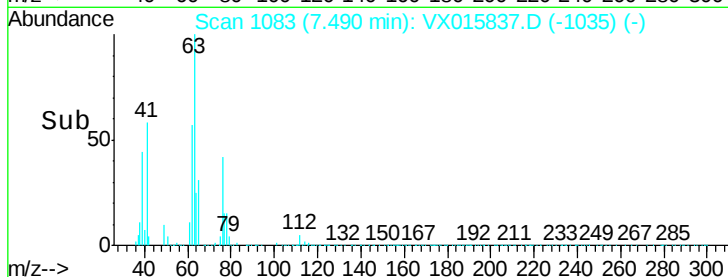
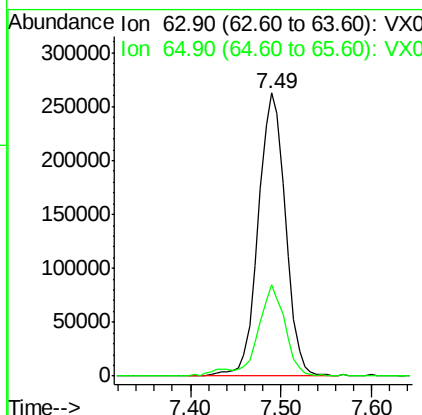
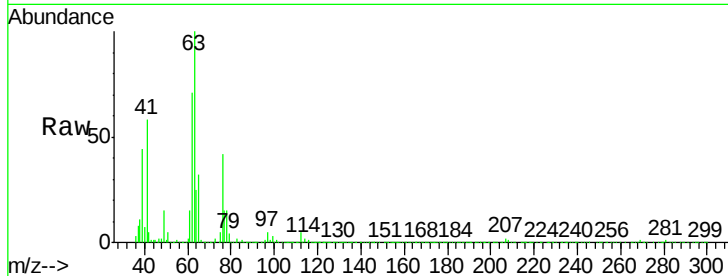
#45  
 1,2-Dichloropropane  
 Concen: 54.484 ug/l  
 RT: 7.49 min Scan# 1083  
 Delta R.T. -0.01 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 543965 |       |       |
| 65      | 32.1  |        | 24.5  | 36.7  |

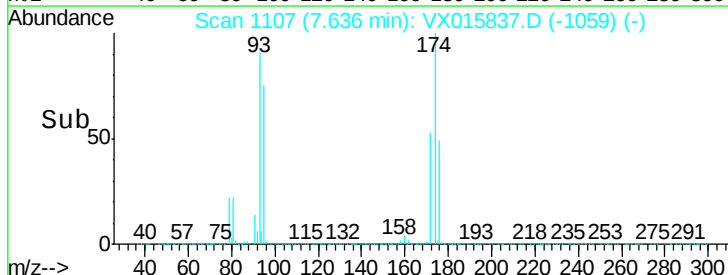
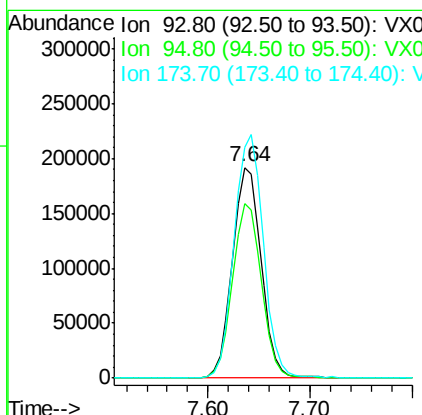
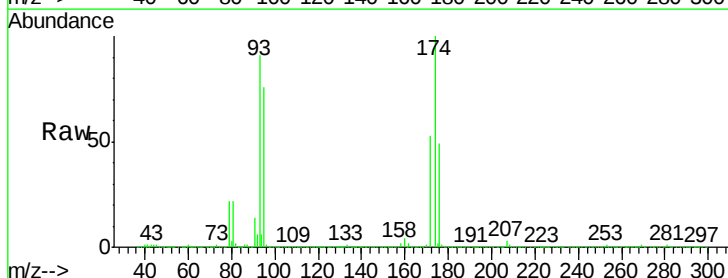
Manual Integrations  
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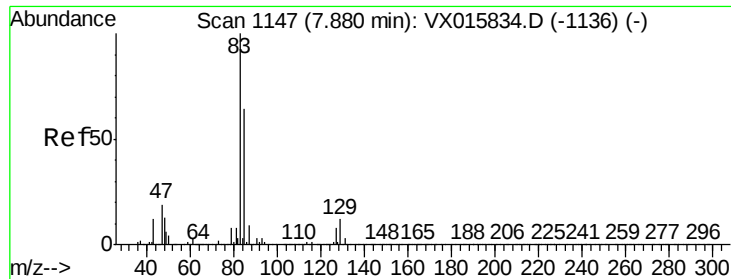
MMDadoda  
 4/23/2020 11:58:21 AM



#46  
 Dibromomethane  
 Concen: 51.218 ug/l  
 RT: 7.64 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 373285 |       |       |
| 95      | 83.3  |        | 65.8  | 98.8  |
| 174     | 118.2 |        | 95.6  | 143.4 |





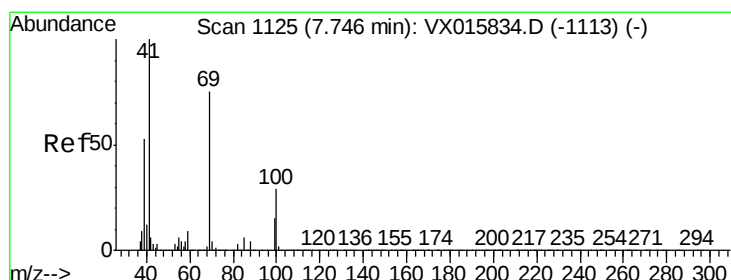
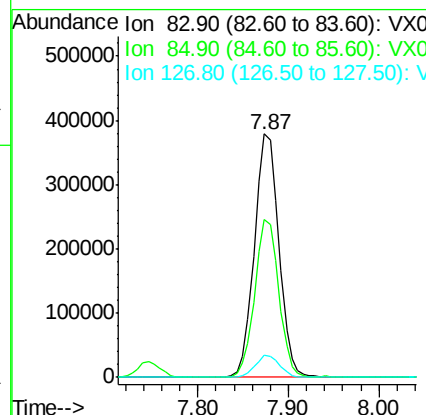
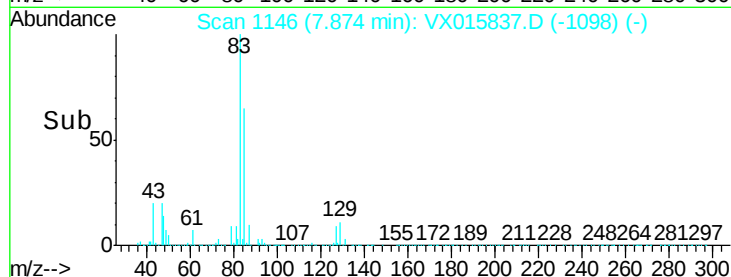
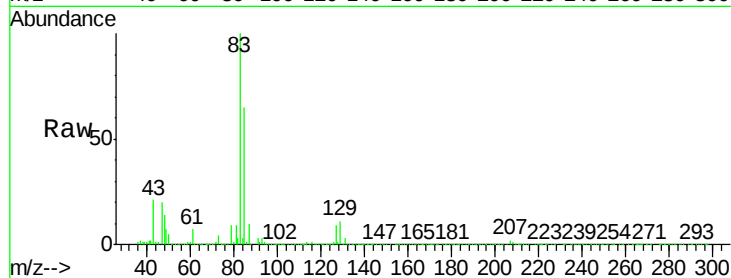
#47  
Bromodichloromethane  
Concen: 54.826 ug/l  
RT: 7.87 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 710858 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.6  | 50.8  | 76.2   |
| 127       | 8.9   | 6.6   | 10.0   |

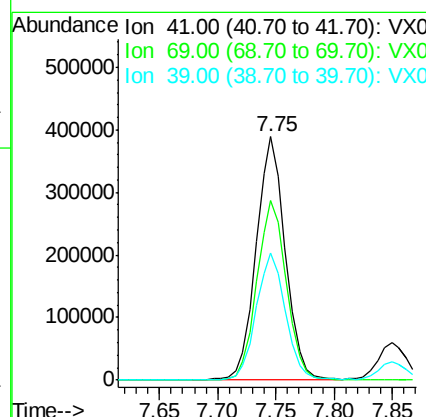
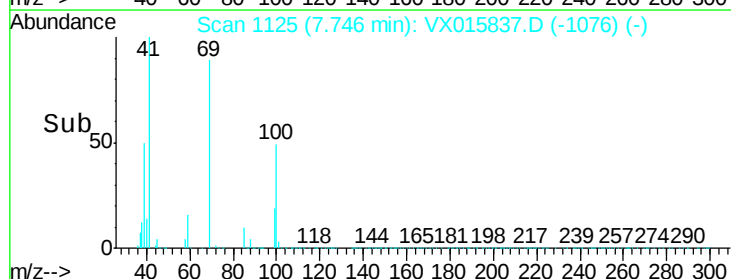
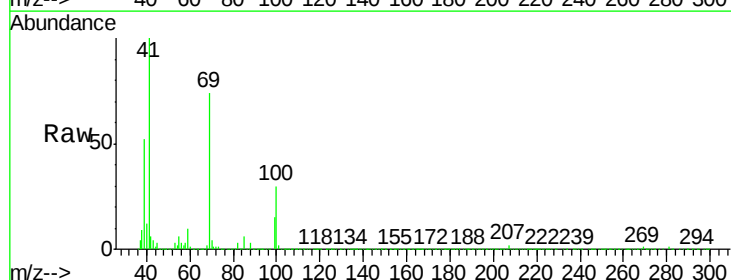
Manual Integrations  
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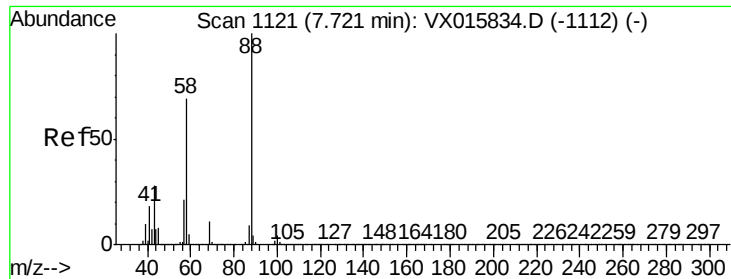
MMDadoda  
4/23/2020 11:58:21 AM



#48  
Methyl methacrylate  
Concen: 53.746 ug/l  
RT: 7.75 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 671348 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 75.1  | 60.5  | 90.7   |
| 39        | 52.7  | 42.1  | 63.1   |





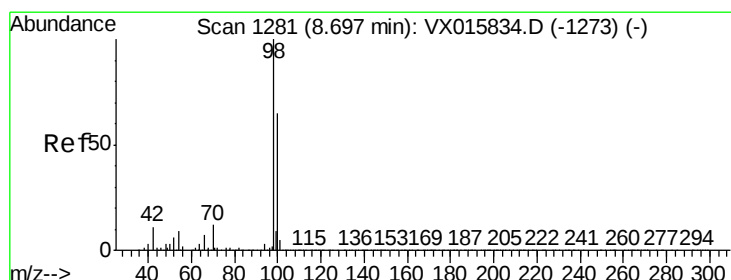
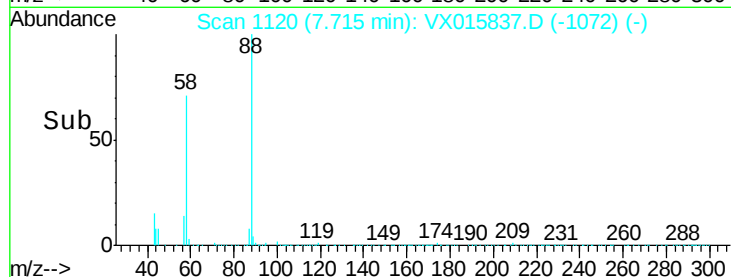
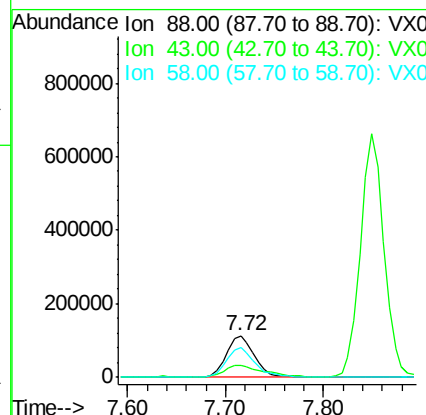
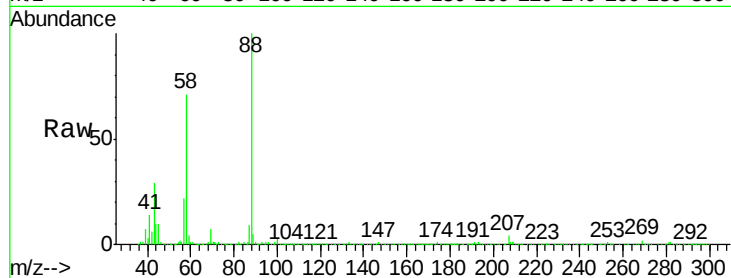
#49  
1,4-Dioxane  
Concen: 941.770 ug/l  
RT: 7.72 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 88      | 100   |            |            |
| 43      | 35.5  | 28.2       | 42.4       |
| 58      | 73.8  | 58.9       | 88.3       |

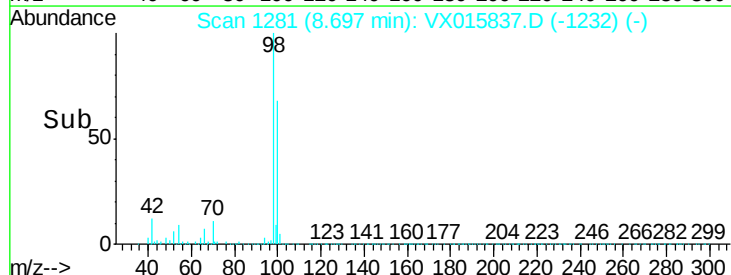
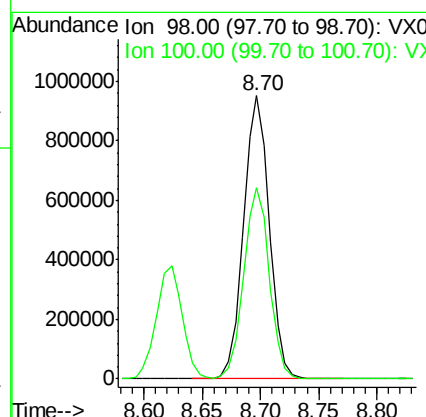
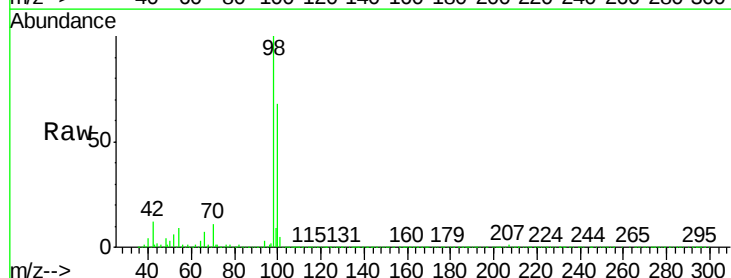
Manual Integrations  
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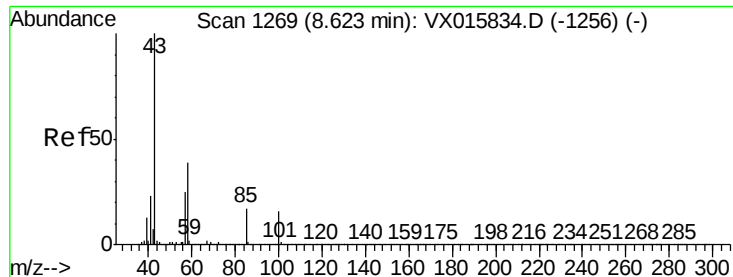
MMDadoda  
4/23/2020 11:58:21 AM



#50  
Toluene-d8  
Concen: 44.214 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 98      | 100   |            |            |
| 100     | 67.2  | 53.8       | 80.6       |





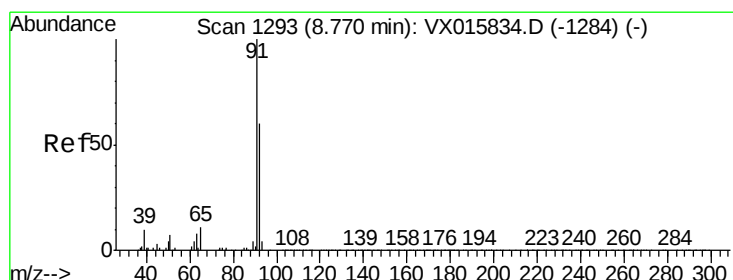
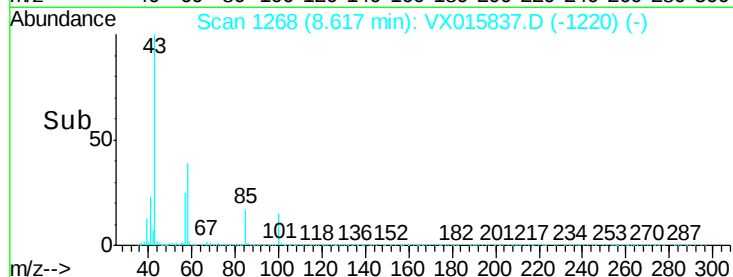
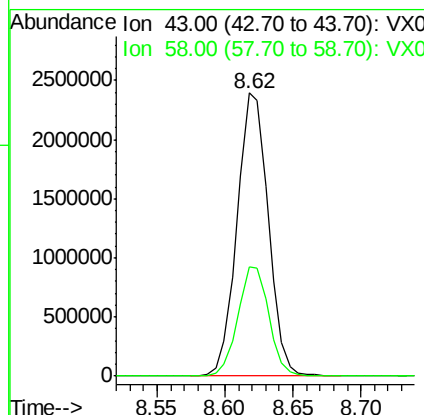
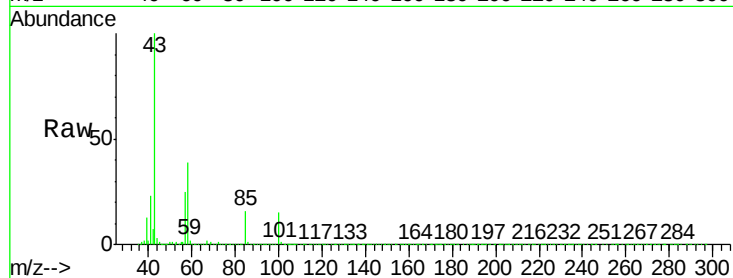
#51  
4-Methyl-2-Pentanone  
Concen: 260.617 ug/l  
RT: 8.62 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion: 43 Resp: 3820009  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.6 45.8

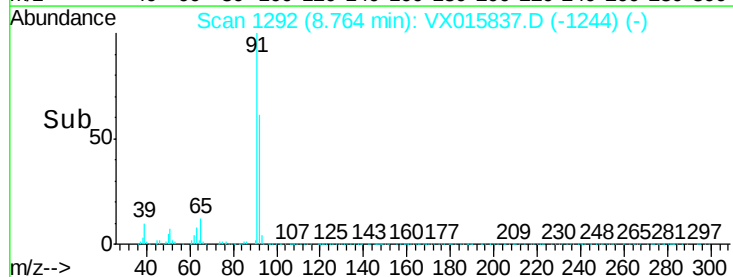
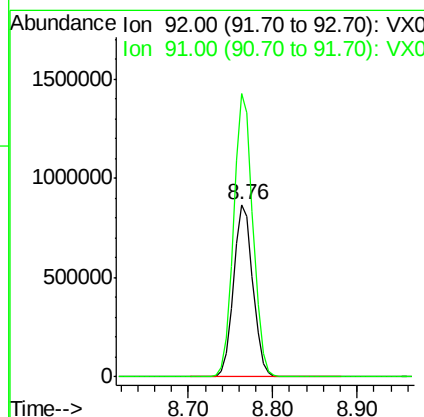
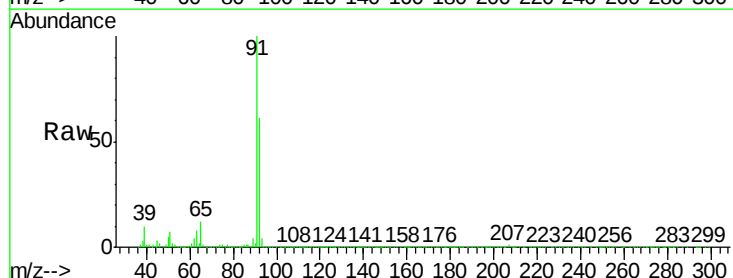
Manual Integrations  
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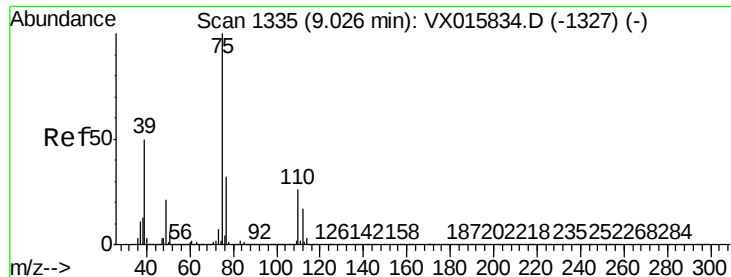
MMDadoda  
4/23/2020 11:58:21 AM



#52  
Toluene  
Concen: 55.132 ug/l  
RT: 8.76 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion: 92 Resp: 1346302  
Ion Ratio Lower Upper  
92 100  
91 164.1 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 55.638 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 75 Resp: 895076

Ion Ratio Lower Upper

75 100

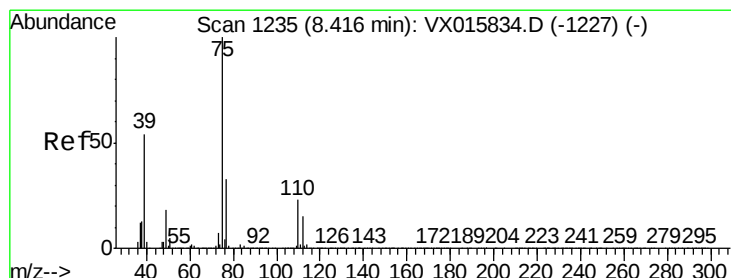
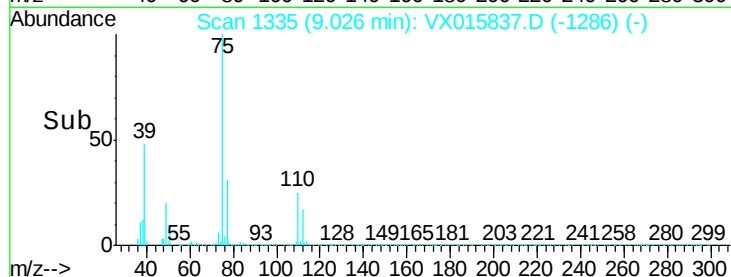
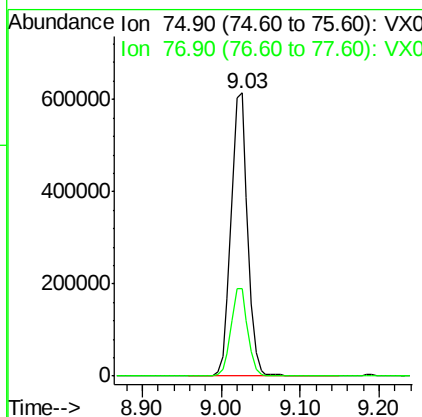
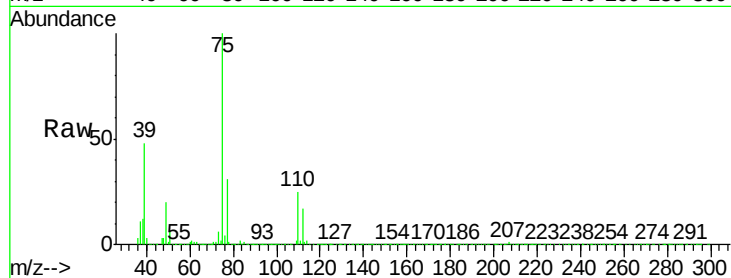
77 30.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

4/23/2020 11:58:21 AM



#54

cis-1,3-Dichloropropene

Concen: 54.646 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

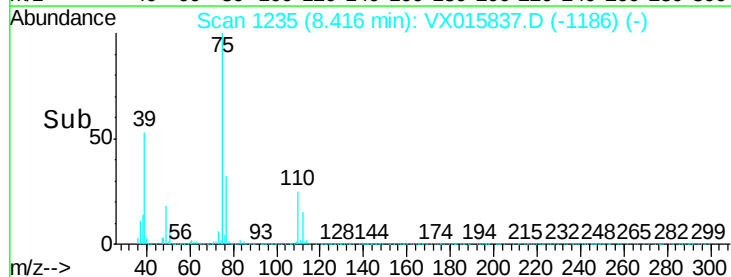
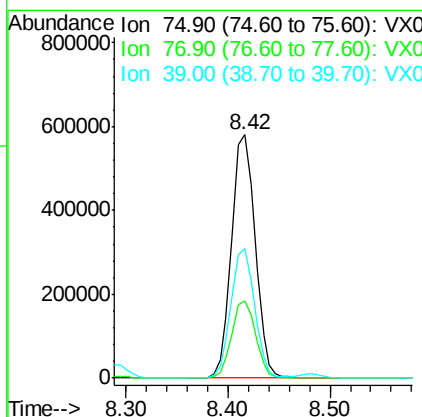
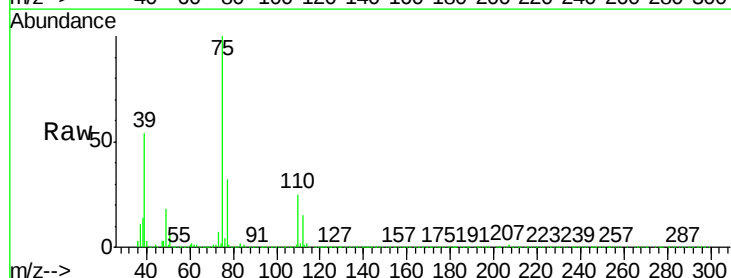
Tgt Ion: 75 Resp: 929146

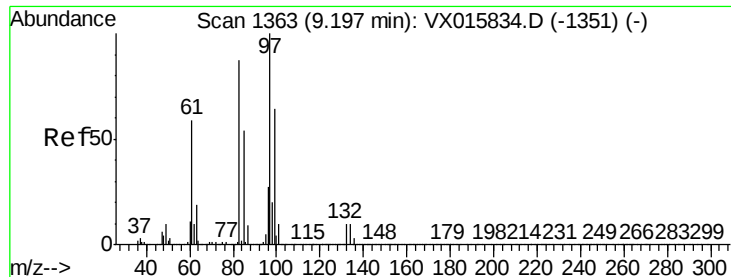
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

39 53.4 42.8 64.2





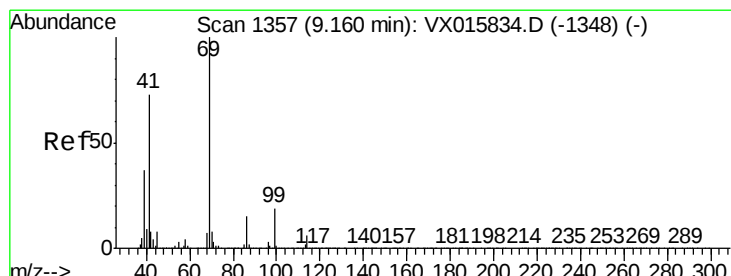
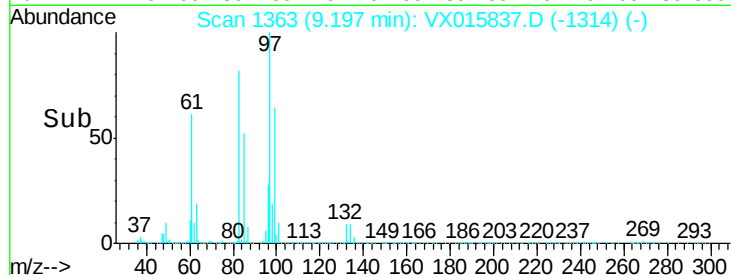
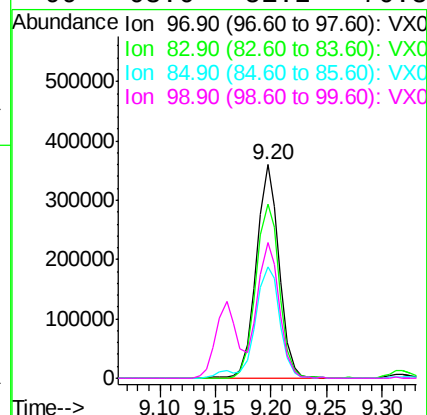
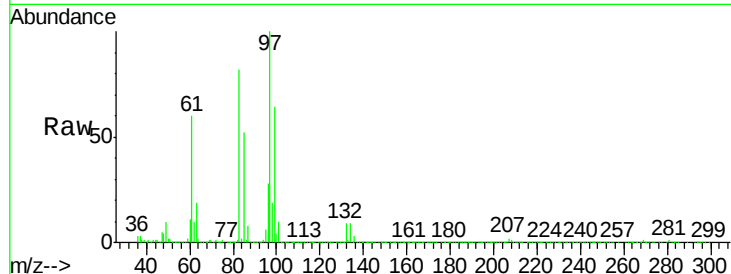
#55  
 1,1,2-Trichloroethane  
 Concen: 53.595 ug/l  
 RT: 9.20 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 511047 |       |       |
| 83      | 81.8 | 69.8  | 104.8  |       |       |
| 85      | 52.0 | 43.4  | 65.2   |       |       |
| 99      | 63.6 | 51.2  | 76.8   |       |       |

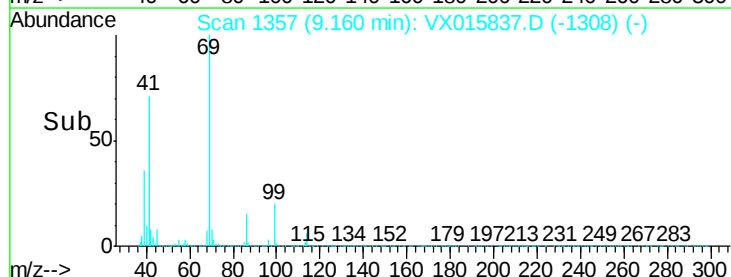
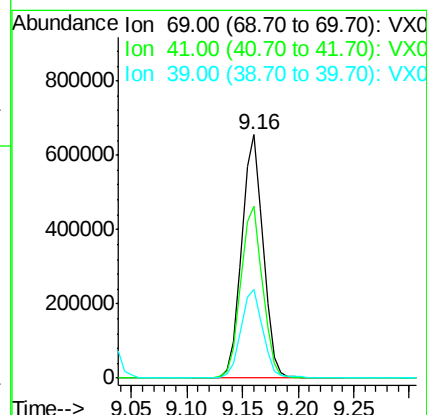
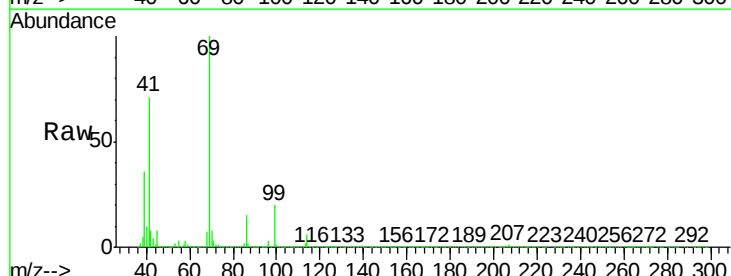
Manual Integrations  
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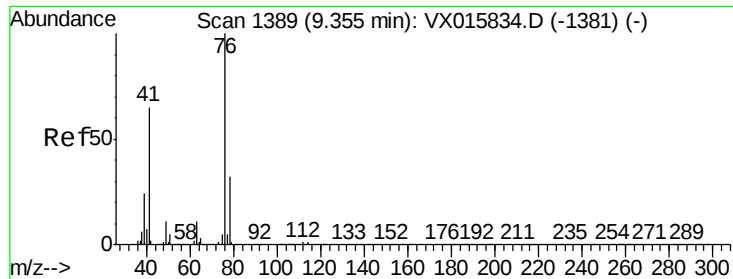
MMDadoda  
 4/23/2020 11:58:21 AM



#56  
 Ethyl methacrylate  
 Concen: 54.084 ug/l  
 RT: 9.16 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 873530 |       |       |
| 41      | 71.9 | 57.4  | 86.2   |       |       |
| 39      | 37.2 | 29.7  | 44.5   |       |       |





#57

1,3-Dichloropropane

Concen: 53.705 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion: 76 Resp: 889886

Ion Ratio Lower Upper

76 100

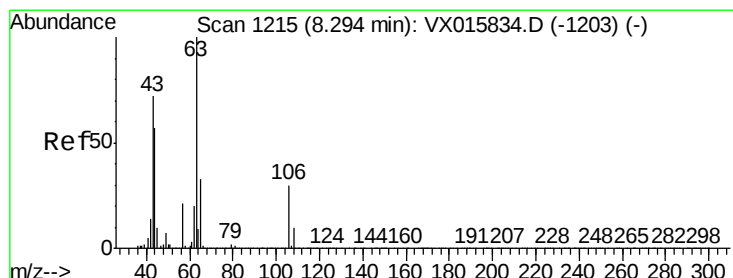
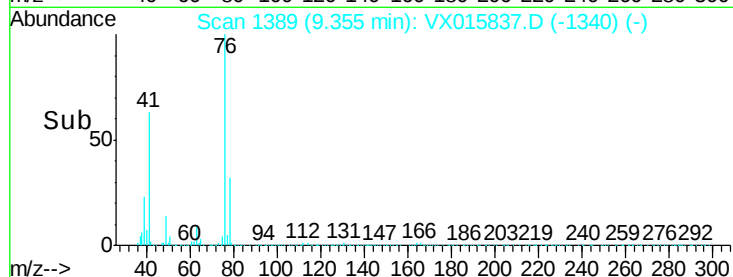
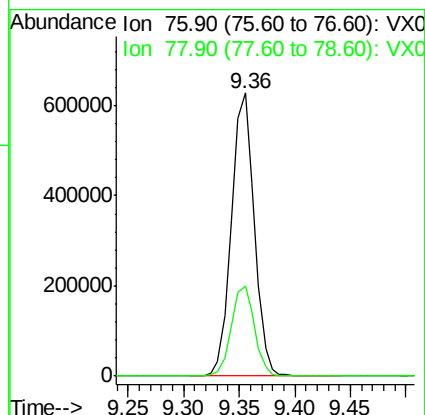
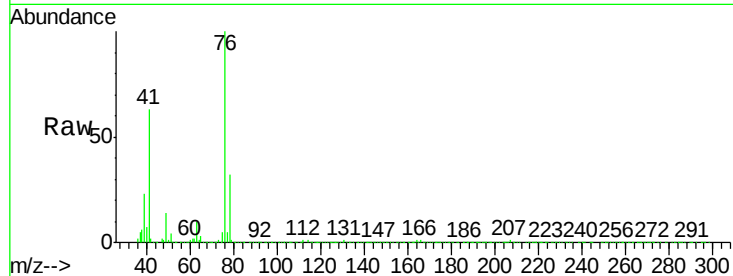
78 32.0 25.4 38.2

Manual Integrations

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4/23/2020 11:58:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 278.372 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015837.D

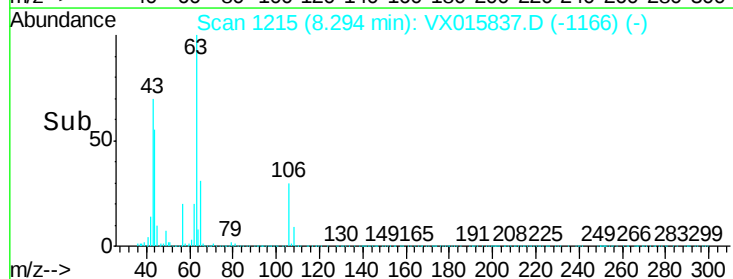
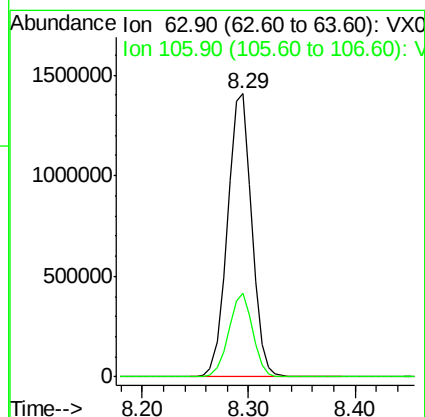
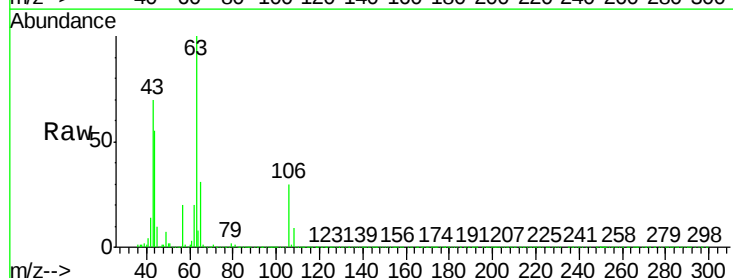
Acq: 22 Apr 2020 13:11

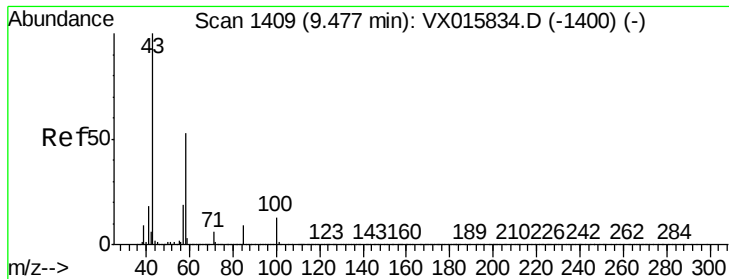
Tgt Ion: 63 Resp: 2246050

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8





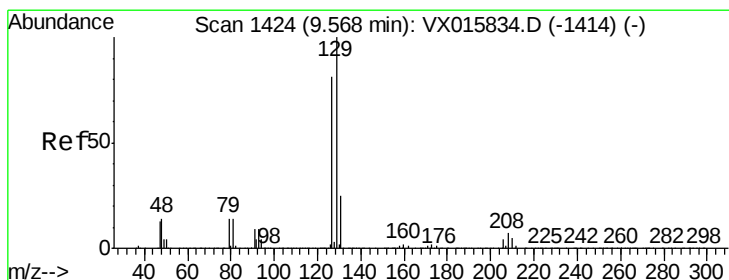
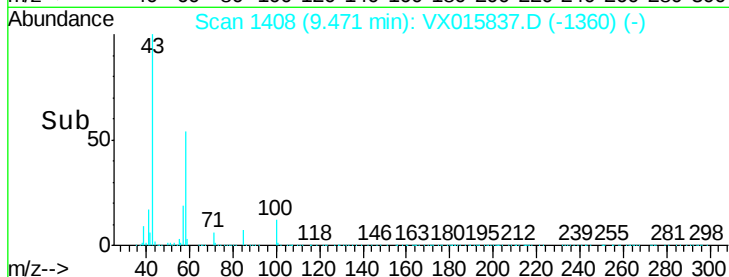
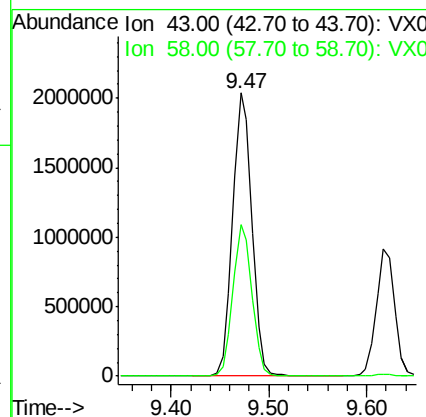
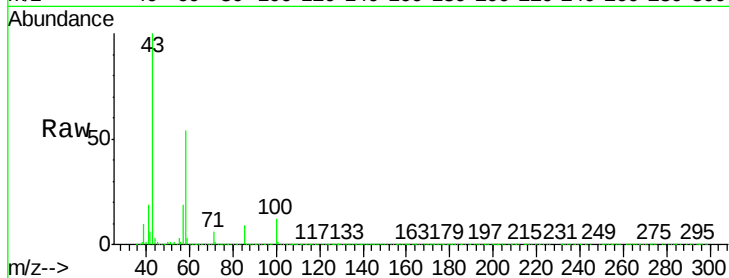
#59  
2-Hexanone  
Concen: 249.337 ug/l  
RT: 9.47 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion: 43 Resp: 2784160  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.5 79.4

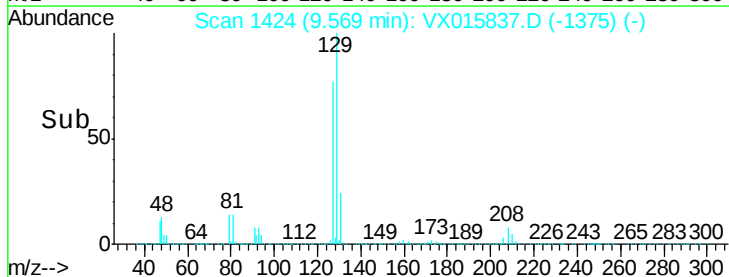
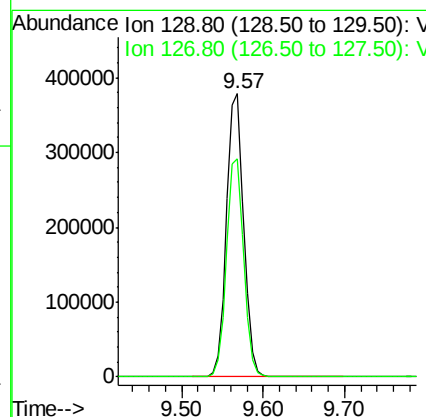
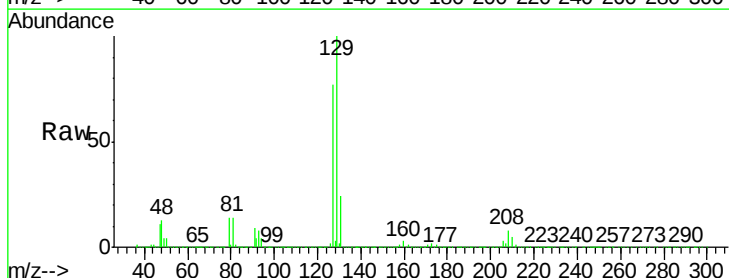
Manual Integrations  
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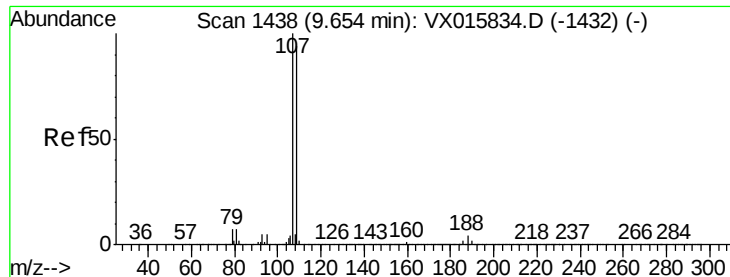
MMDadoda  
4/23/2020 11:58:21 AM



#60  
Dibromochloromethane  
Concen: 56.333 ug/l  
RT: 9.57 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion: 129 Resp: 554714  
Ion Ratio Lower Upper  
129 100  
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 53.257 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion:107 Resp: 561253

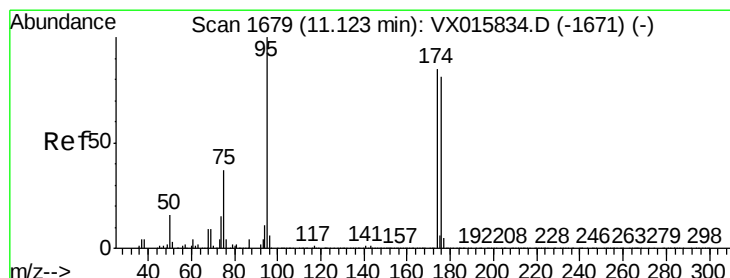
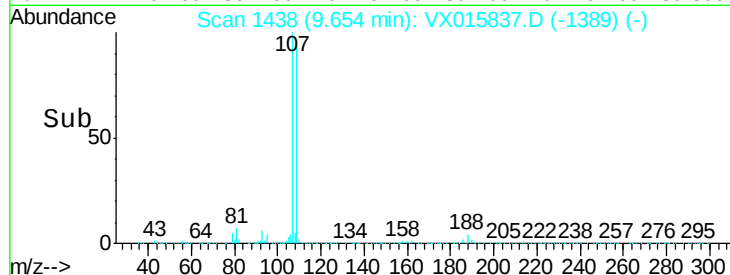
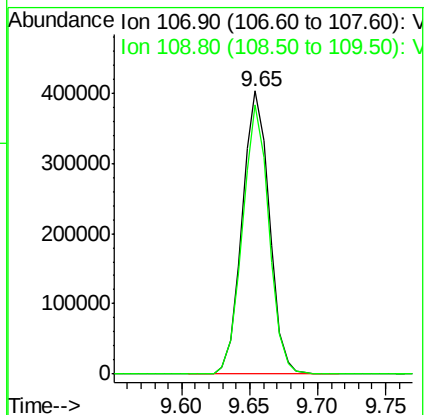
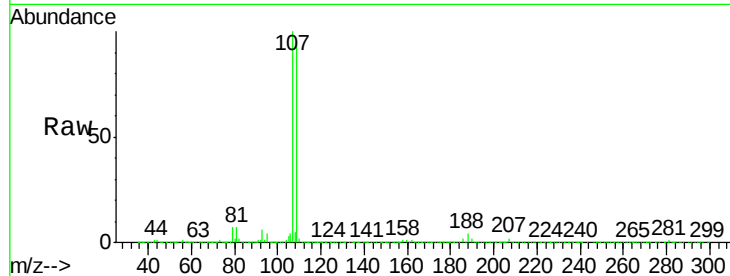
Ion Ratio Lower Upper

107 100

109 92.9 75.4 113.0

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MMDadoda  
4/23/2020 11:58:21 AM



#62

4-Bromofluorobenzene

Concen: 43.774 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

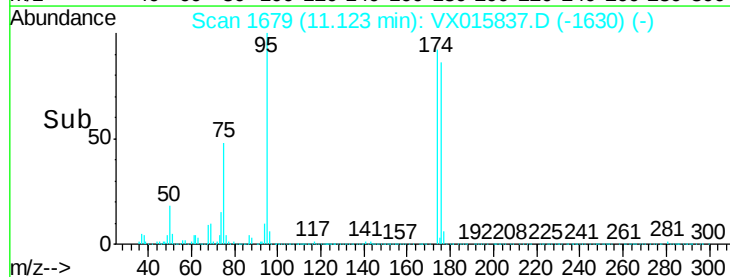
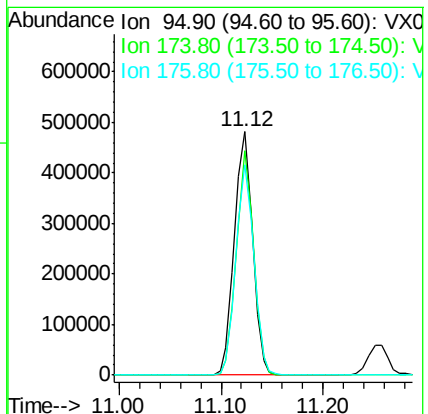
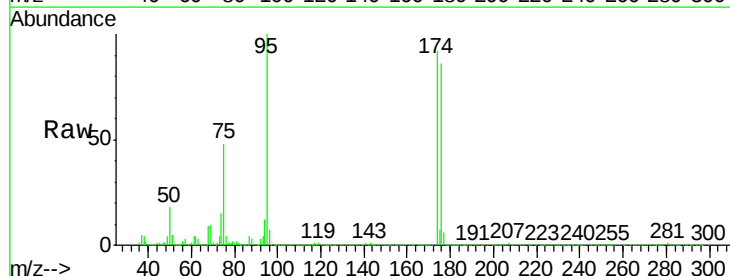
Tgt Ion: 95 Resp: 595373

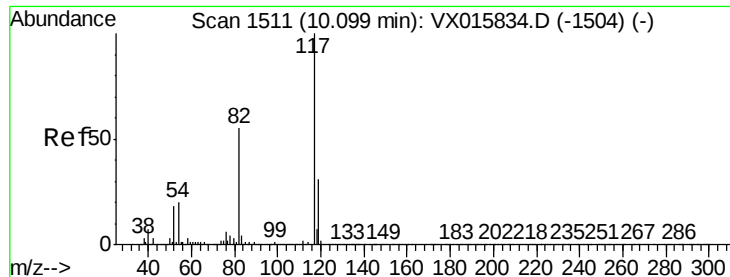
Ion Ratio Lower Upper

95 100

174 86.8 0.0 172.4

176 84.9 0.0 167.0





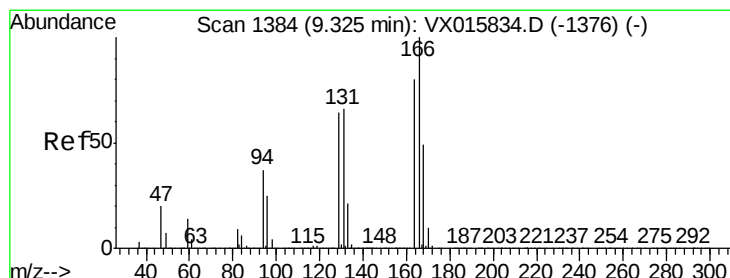
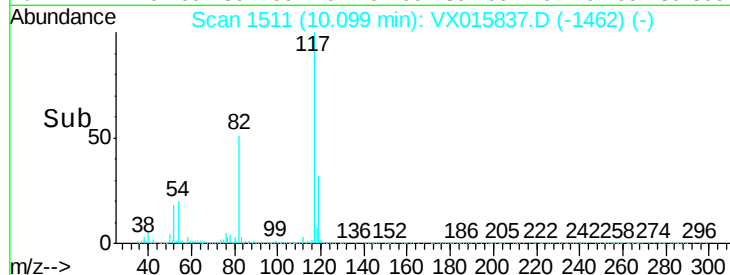
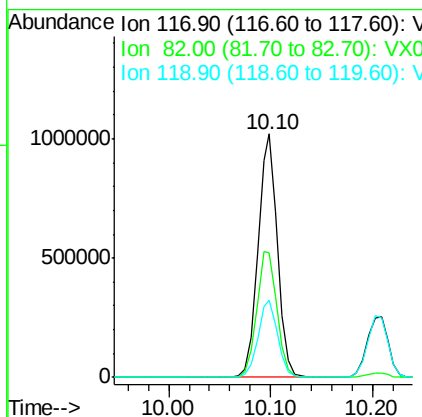
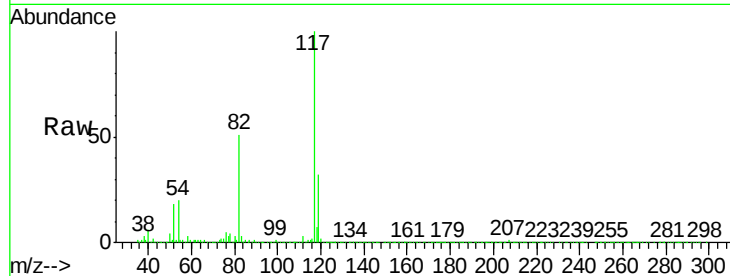
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.1  | 43.9  | 65.9  |
| 119     | 31.7  | 25.1  | 37.7  |

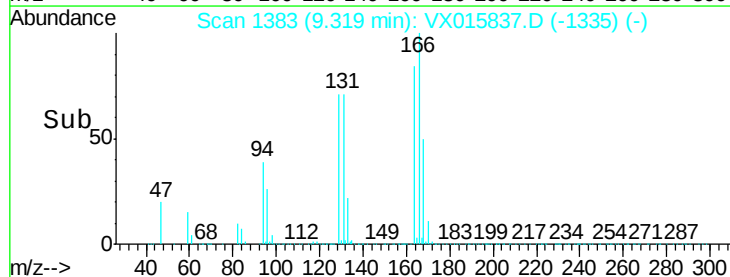
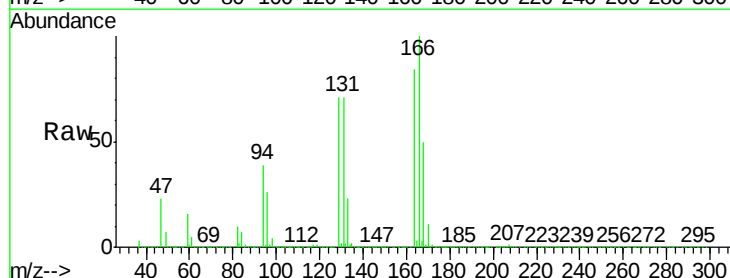
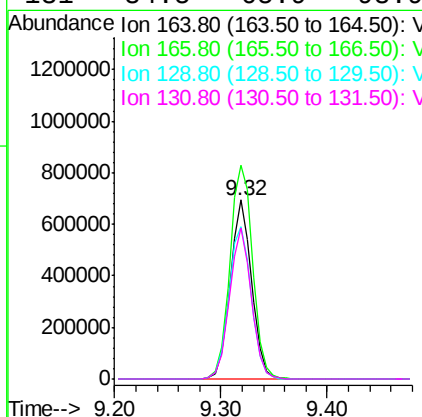
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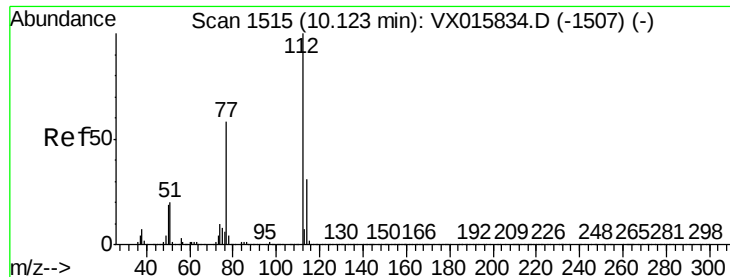
MMDadoda  
4/23/2020 11:58:21 AM



#64  
Tetrachloroethene  
Concen: 53.543 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 119.4 | 100.2 | 150.2 |
| 129     | 85.1  | 64.5  | 96.7  |
| 131     | 84.5  | 65.9  | 98.9  |





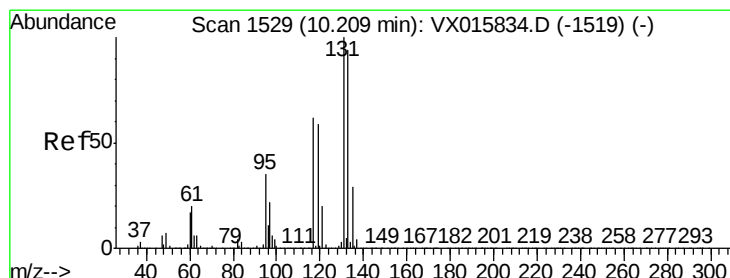
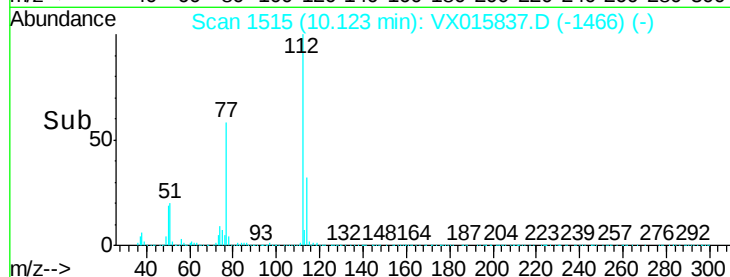
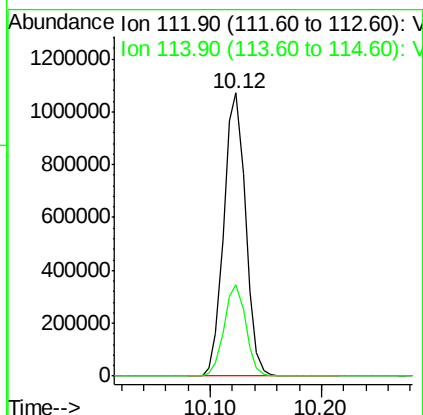
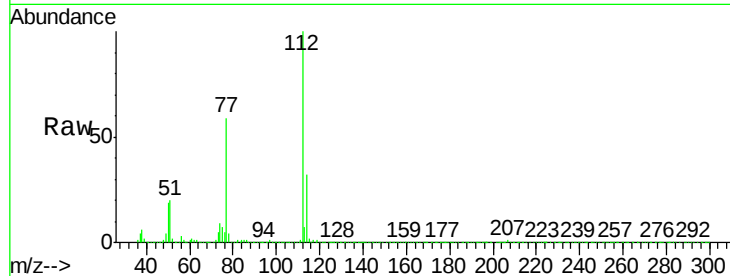
#65  
Chlorobenzene  
Concen: 53.516 ug/l  
RT: 10.12 min Scan# 1515  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion:112 Resp: 1450847  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.0 37.4

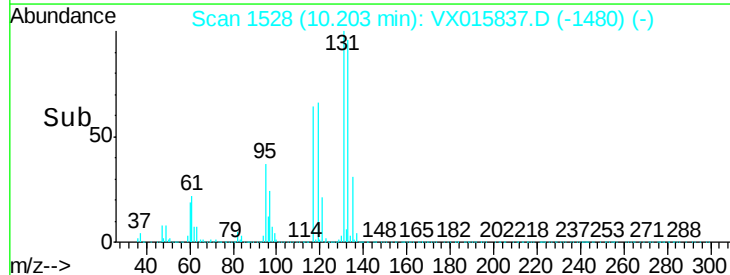
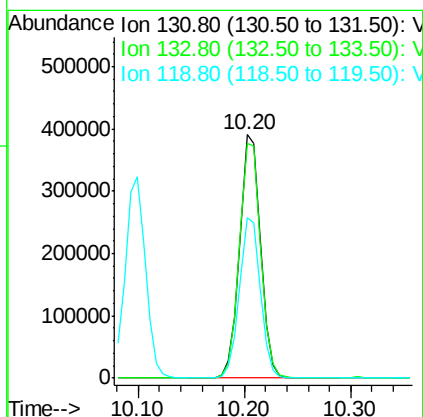
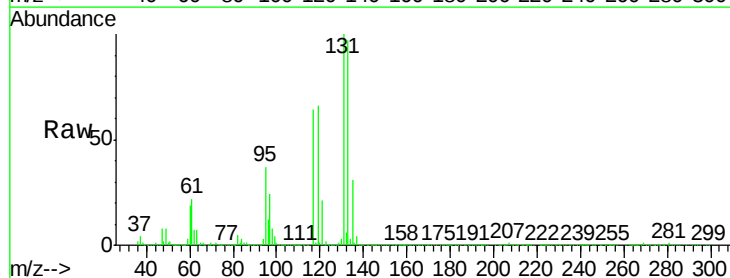
Manual Integrations  
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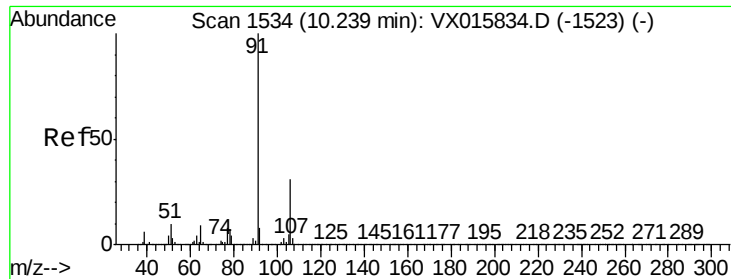
MMDadoda  
4/23/2020 11:58:21 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.349 ug/l  
RT: 10.20 min Scan# 1528  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion:131 Resp: 540633  
Ion Ratio Lower Upper  
131 100  
133 98.1 47.0 141.2  
119 66.0 30.9 92.8





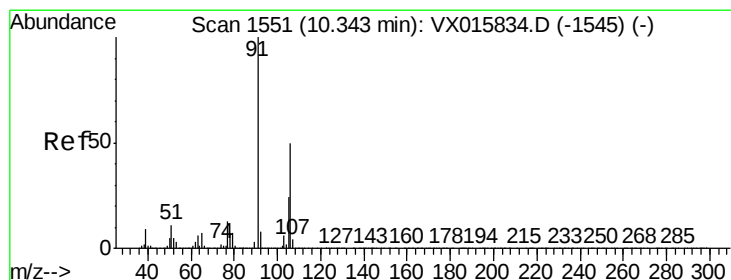
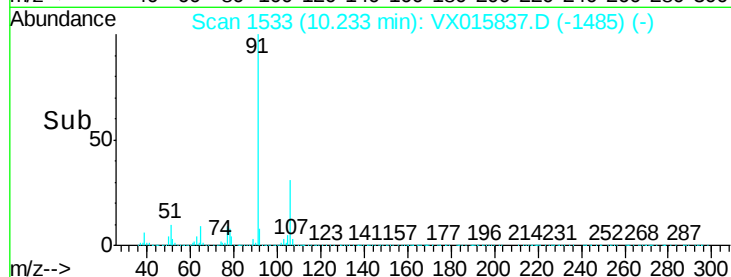
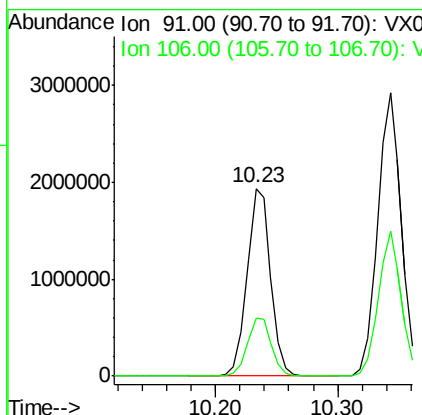
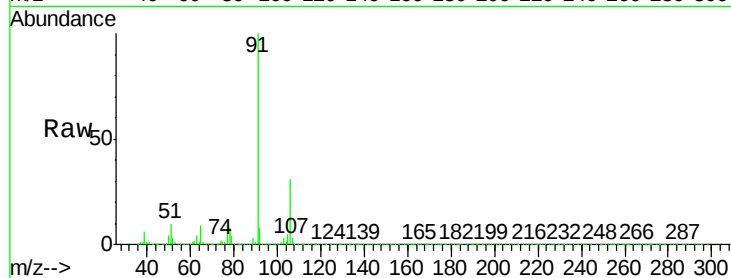
#67  
Ethyl Benzene  
Concen: 54.228 ug/l  
RT: 10.23 min Scan# 1533  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion: 91 Resp: 2581697  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.0 37.4

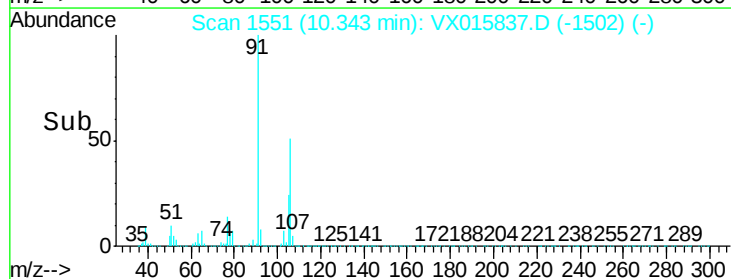
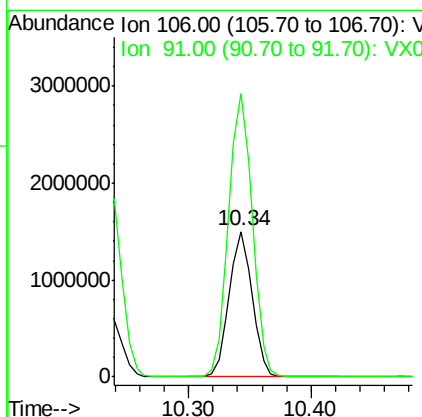
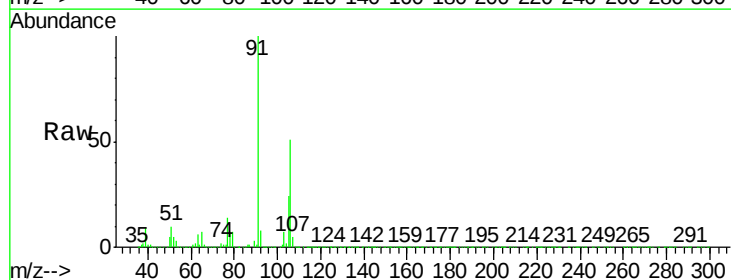
Manual Integrations  
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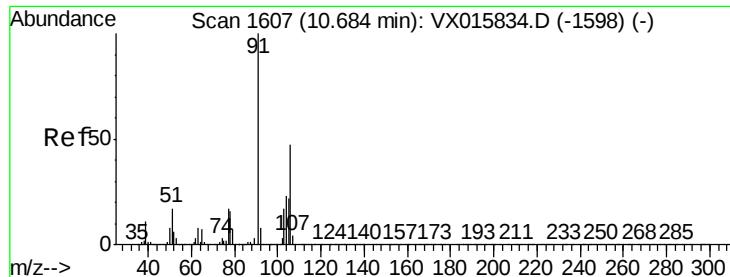
MMDadoda  
4/23/2020 11:58:21 AM



#68  
m/p-Xylenes  
Concen: 109.197 ug/l  
RT: 10.34 min Scan# 1551  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion:106 Resp: 1951335  
Ion Ratio Lower Upper  
106 100  
91 200.9 161.1 241.7





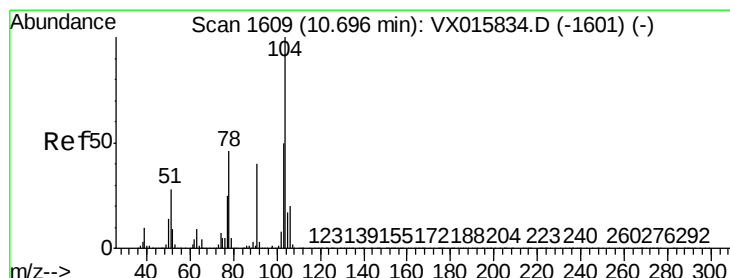
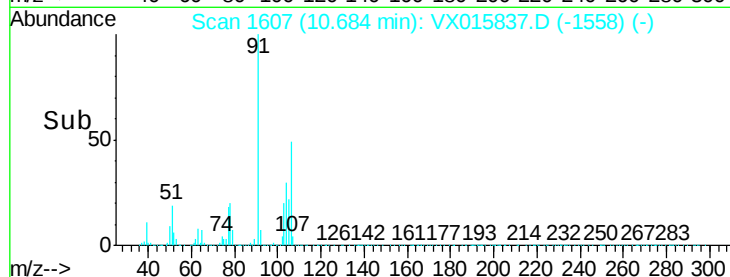
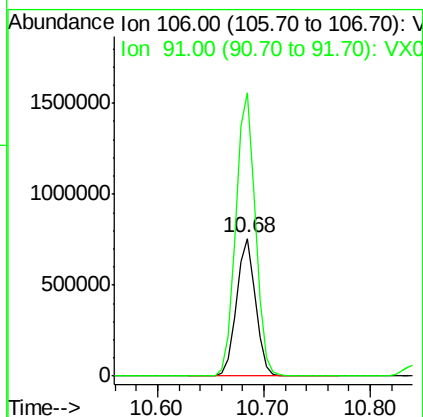
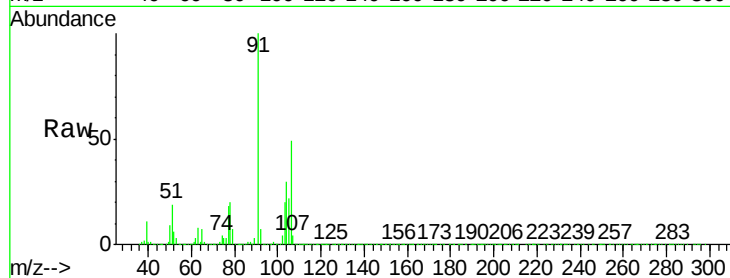
#69  
o-Xylene  
Concen: 54.051 ug/l  
RT: 10.68 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 950485 |       |       |
| 91      | 211.7 | 107.1  | 321.3 |       |

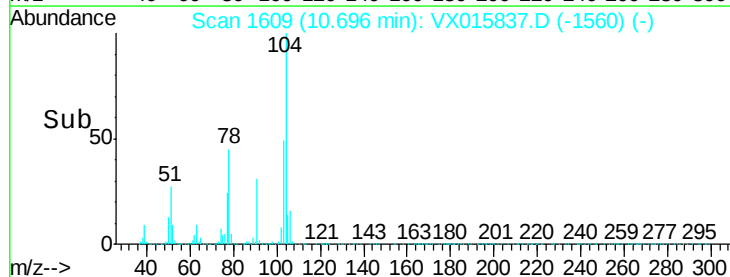
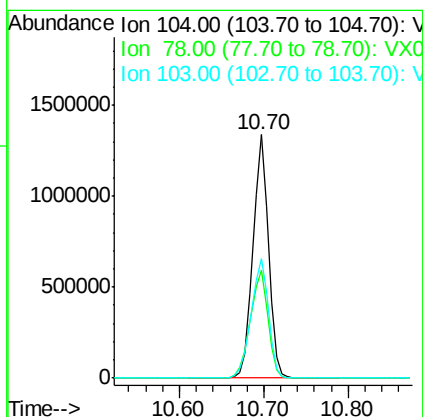
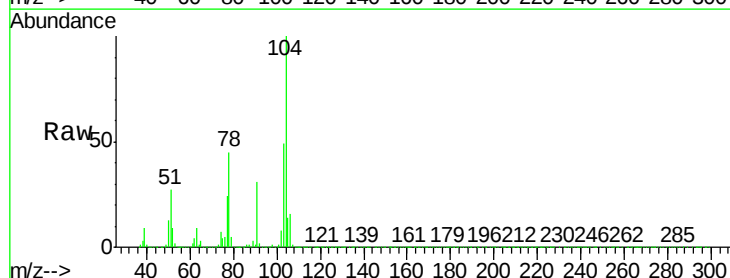
Manual Integrations  
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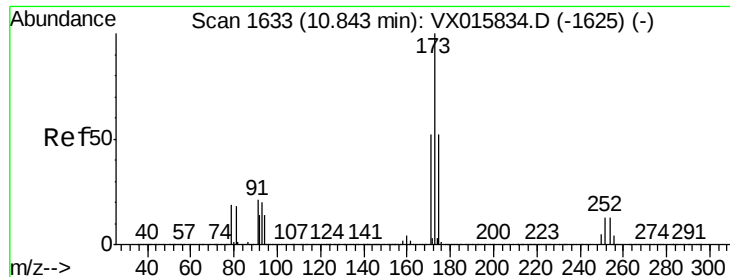
MMDadoda  
4/23/2020 11:58:21 AM



#70  
Styrene  
Concen: 54.413 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 104     | 100   | 1656780 |       |       |
| 78      | 49.8  | 40.1    | 60.1  |       |
| 103     | 54.5  | 43.3    | 64.9  |       |





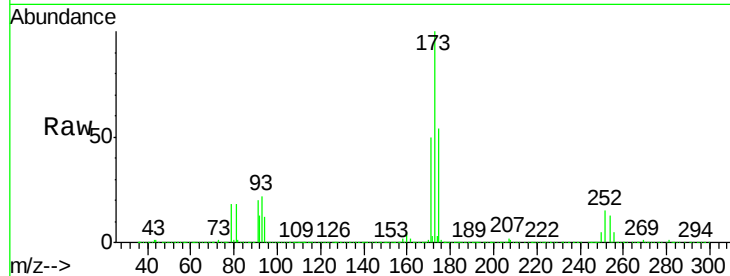
#71  
Bromoform  
Concen: 55.968 ug/l  
RT: 10.84 min Scan# 1633  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

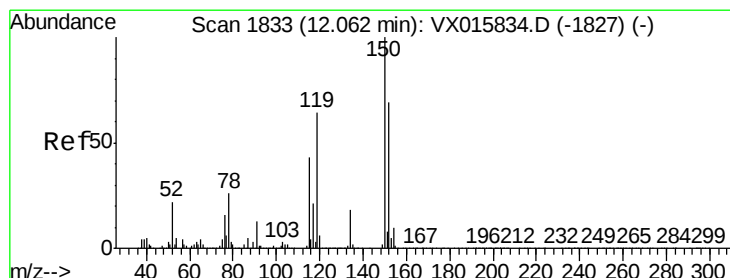
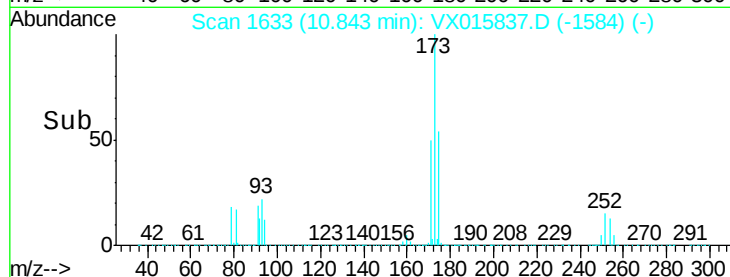
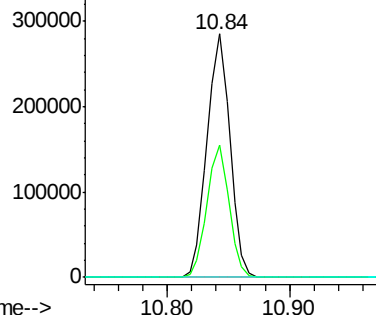
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 52.5  | 25.1  | 75.4  |
| 254     | 0.2   | 0.3   | 0.5#  |

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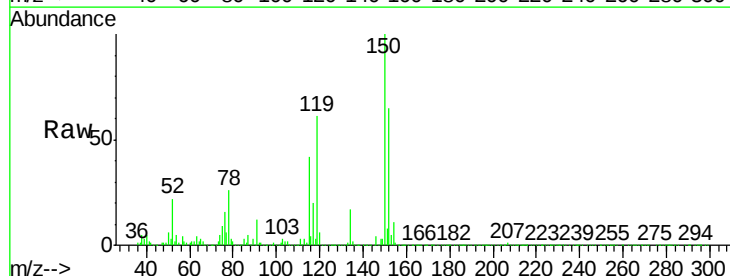


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

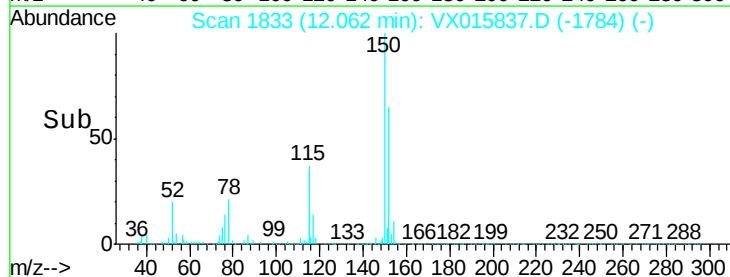
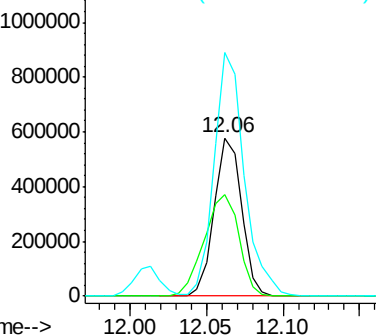


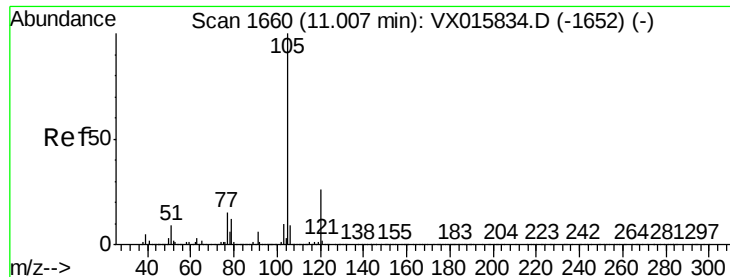
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 80.7  | 39.0  | 116.9 |
| 150     | 168.8 | 0.0   | 336.8 |



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: 56.140 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVX042220

Tot Ion:105 Resp: 2567897

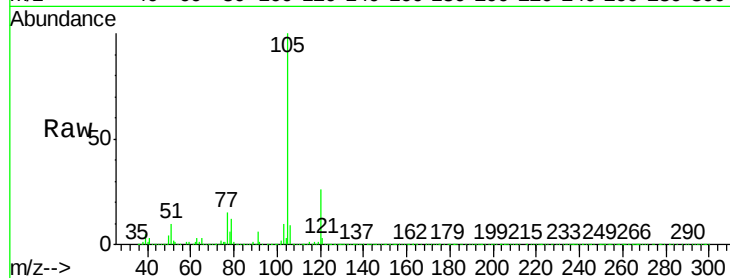
Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1

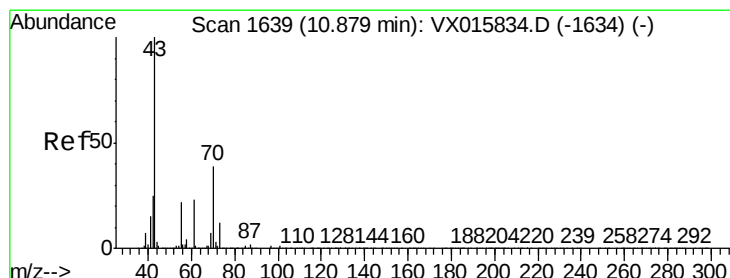
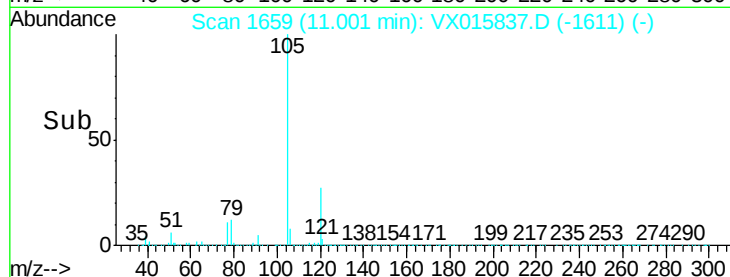
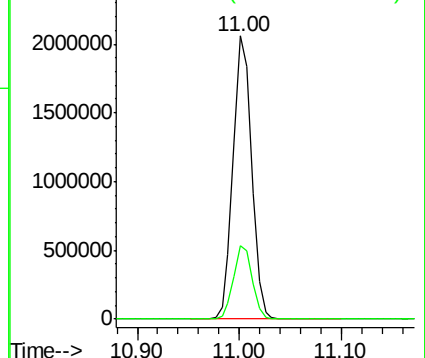
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.384 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Tgt Ion: 43 Resp: 1236981

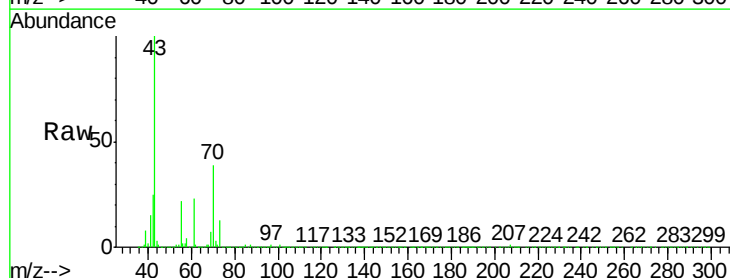
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 22.2 18.3 27.5

61 23.5 18.7 28.1

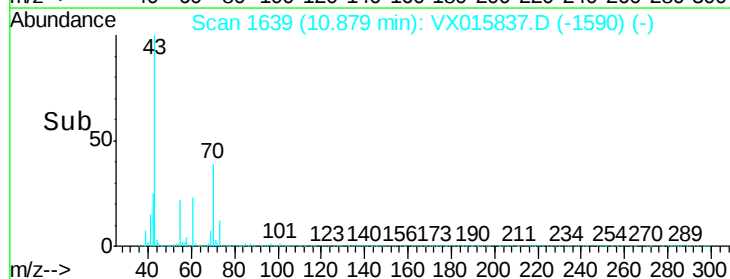
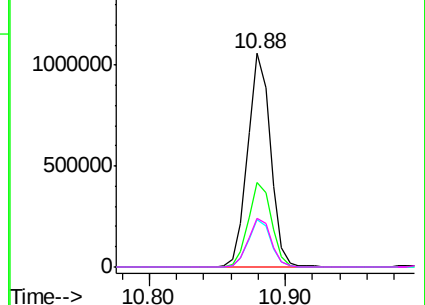


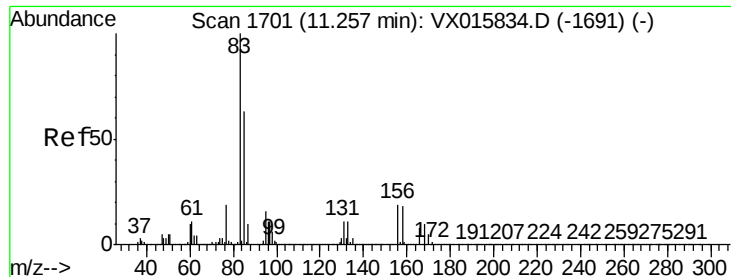
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.111 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

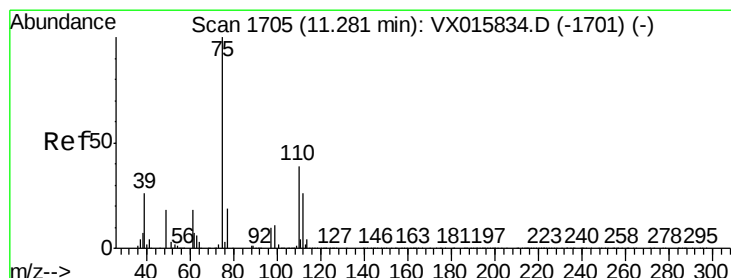
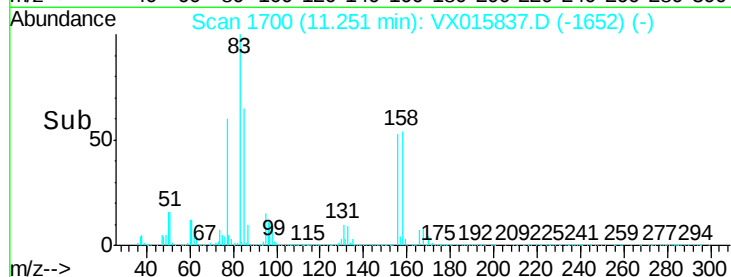
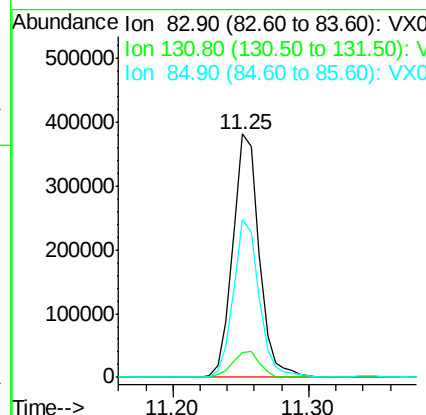
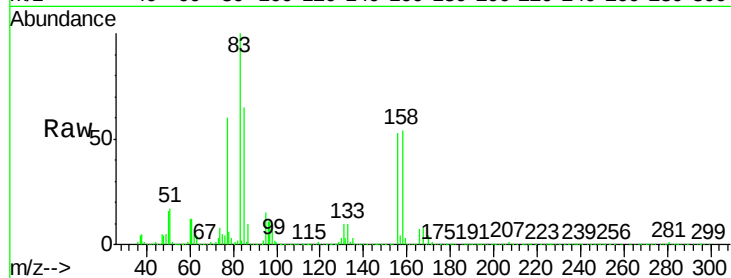
ClientSampleId :

ICVVX042220

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 514137 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.5   | 16.4   |
| 85        | 63.5  | 32.4  | 97.0   |

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#76

1,2,3-Trichloropropane

Concen: 52.971 ug/l m

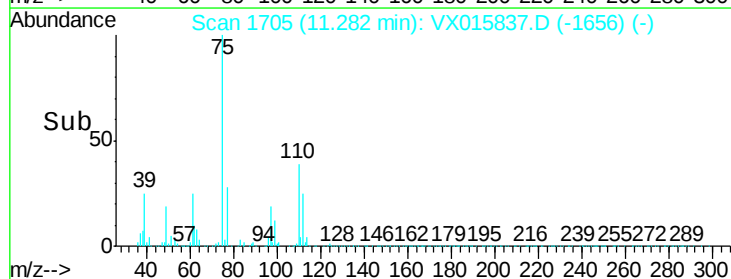
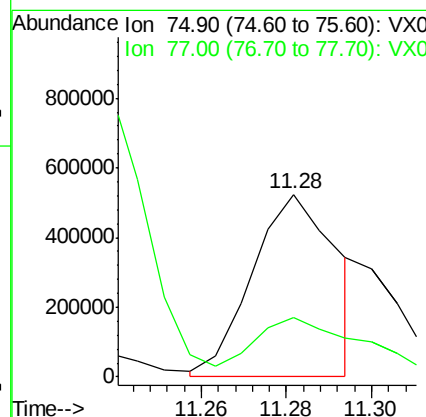
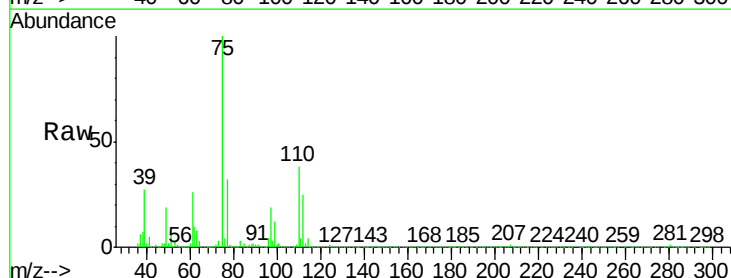
RT: 11.28 min Scan# 1705

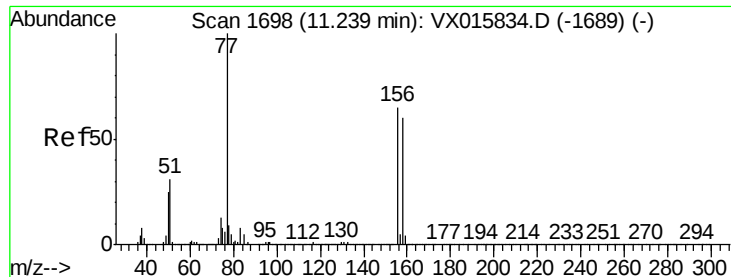
Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 725462 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.7  | 21.3  | 63.9   |





#77

Bromobenzene

Concen: 54.161 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

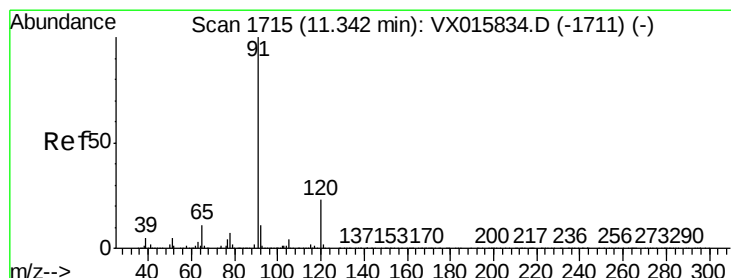
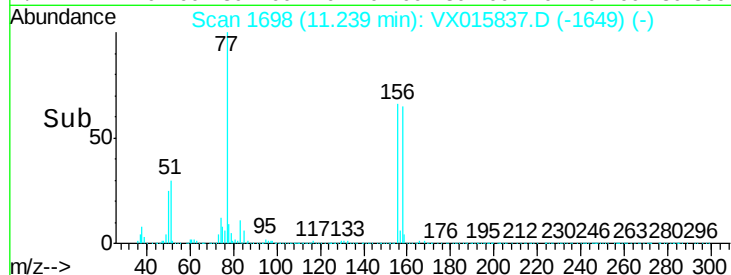
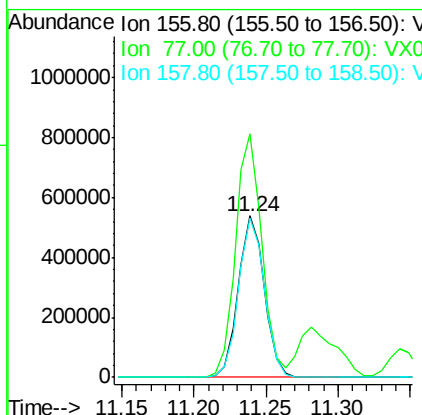
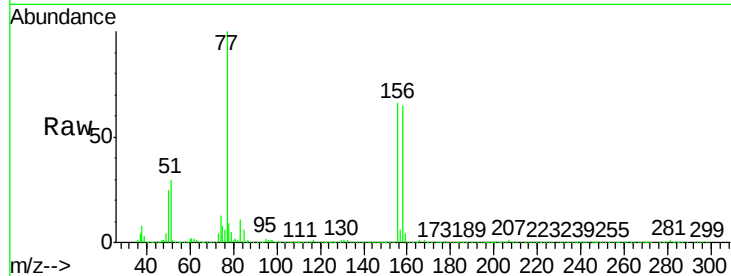
ClientSampleId :

ICVVX042220

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 676906 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 153.1 | 75.2  | 225.6  |
| 158       | 98.4  | 47.9  | 143.6  |

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#78

n-propylbenzene

Concen: 55.972 ug/l

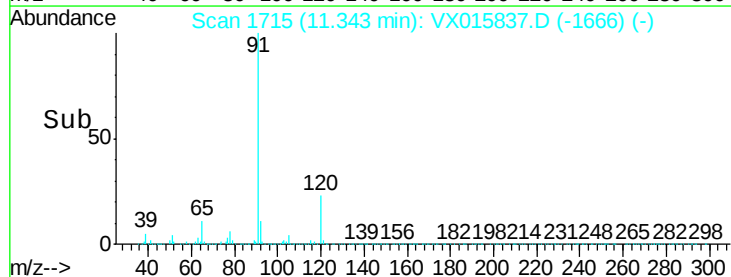
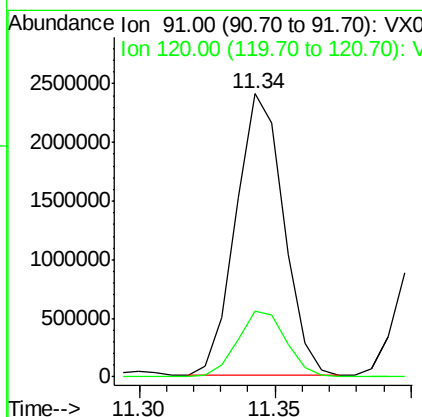
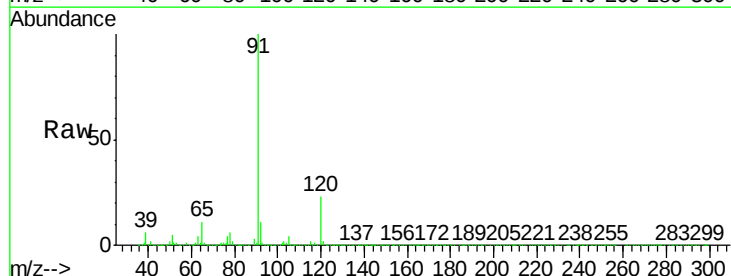
RT: 11.34 min Scan# 1715

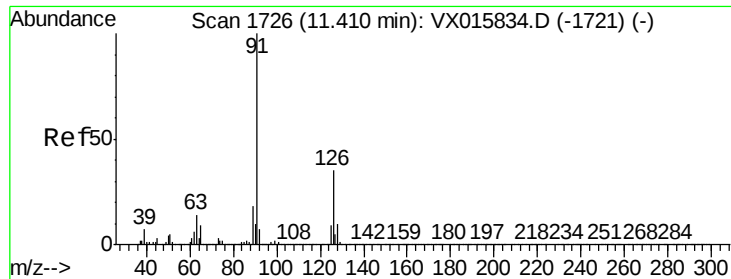
Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 2932861 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.8  | 11.7  | 35.1    |





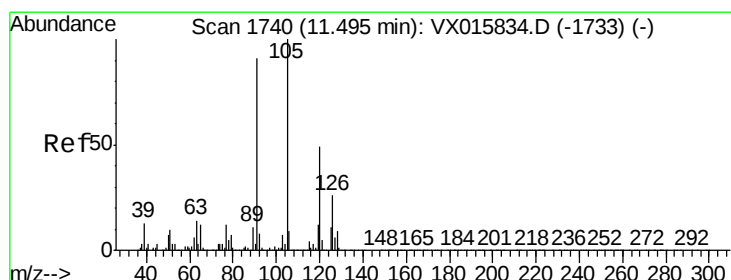
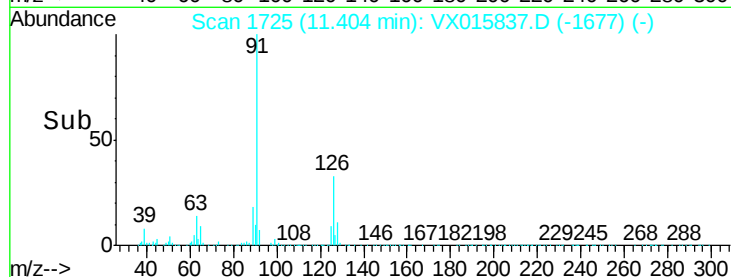
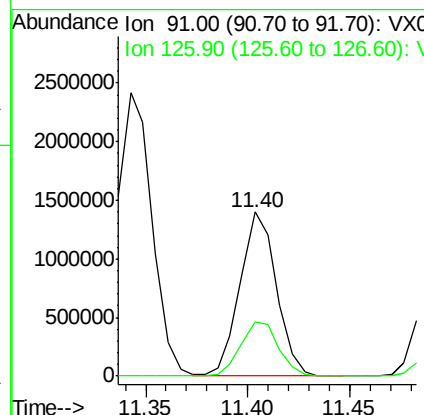
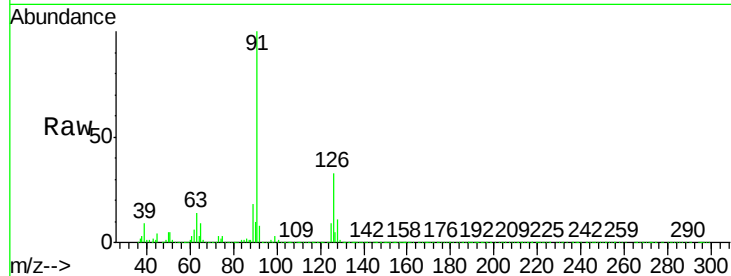
#79  
2-Chlorotoluene  
Concen: 54.705 ug/l  
RT: 11.40 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

Tot Ion: 91 Resp: 1721836  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.2 51.5

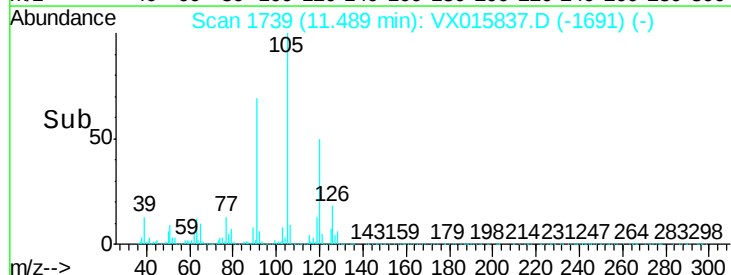
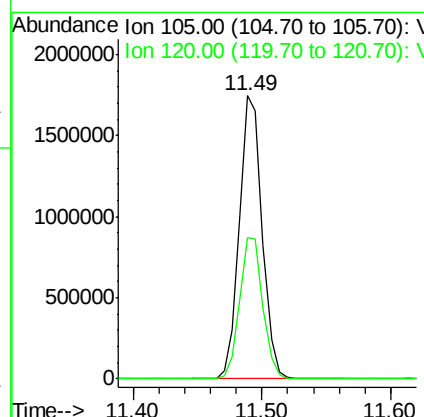
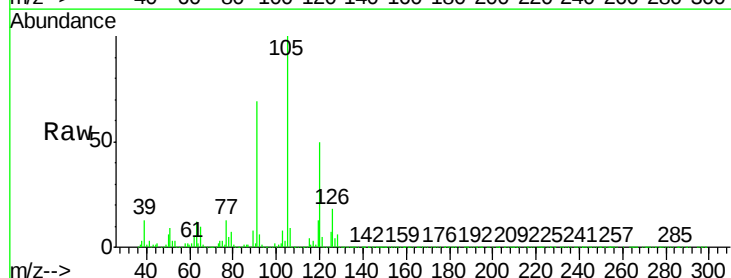
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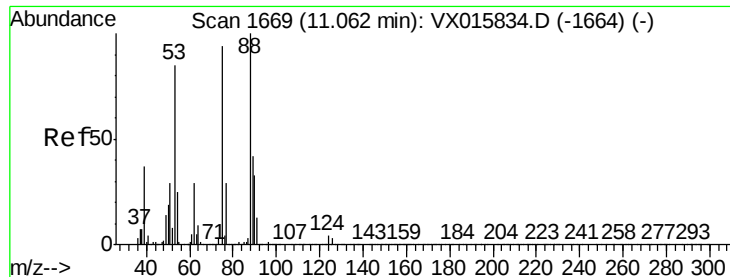
MMDadoda  
4/23/2020 11:58:21 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 55.187 ug/l  
RT: 11.49 min Scan# 1739  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Tgt Ion: 105 Resp: 2152467  
Ion Ratio Lower Upper  
105 100  
120 50.8 24.9 74.7





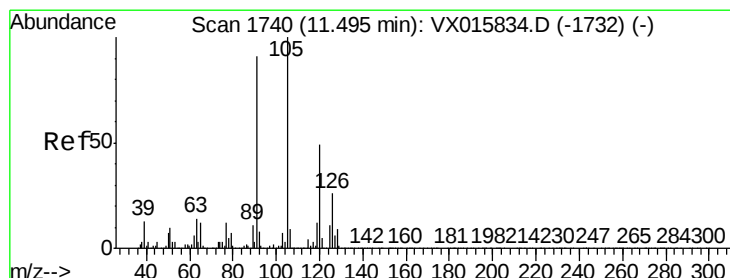
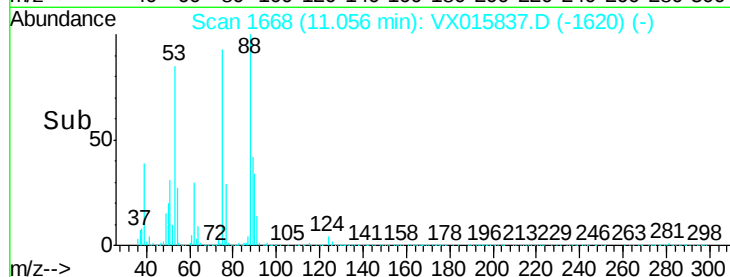
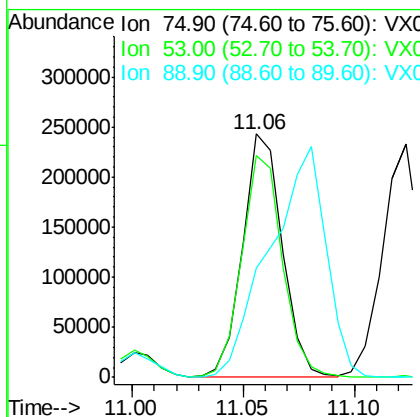
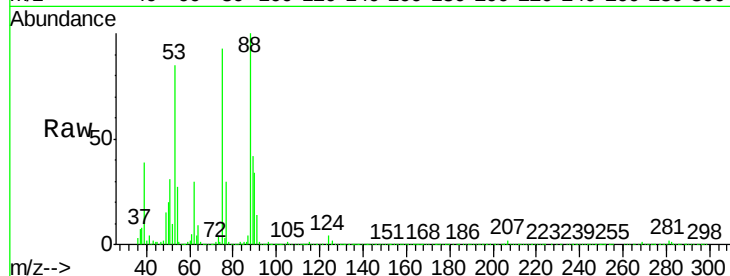
#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.141 ug/l  
RT: 11.06 min Scan# 1668  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.0  | 74.2  | 111.2 |
| 89      | 0.0   | 38.0  | 57.0# |

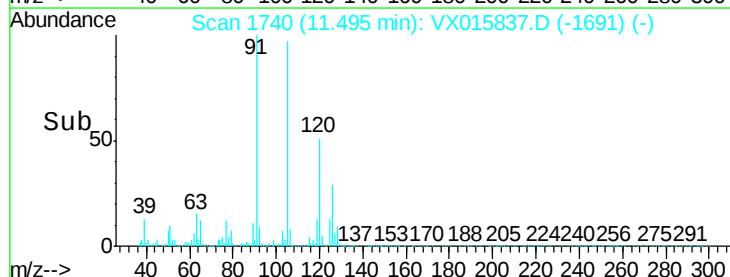
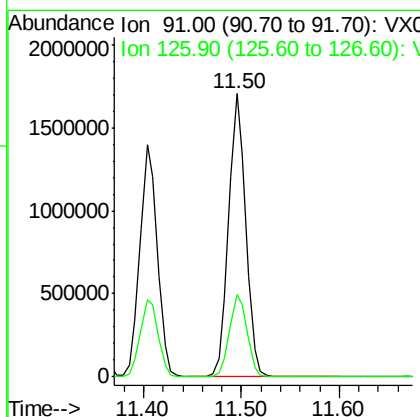
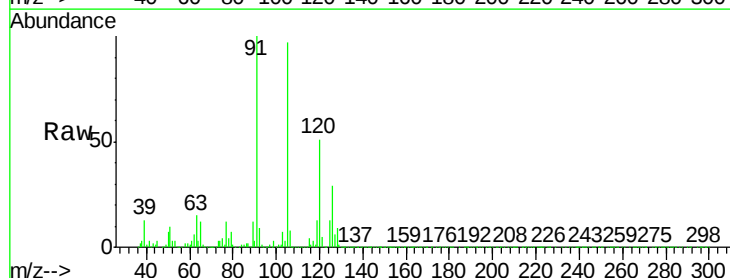
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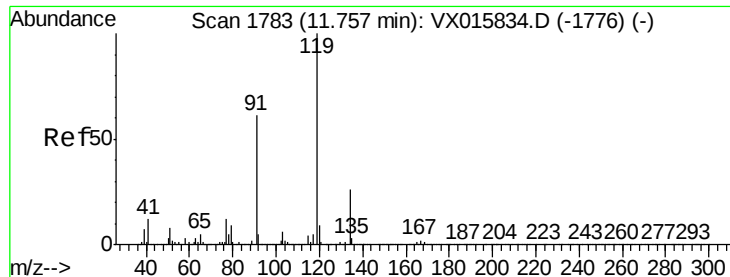
MMDadoda  
4/23/2020 11:58:21 AM



#82  
4-Chlorotoluene  
Concen: 55.345 ug/l  
RT: 11.50 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.8  | 15.0  | 45.0  |





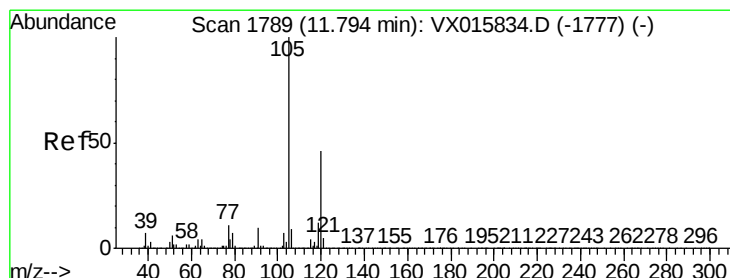
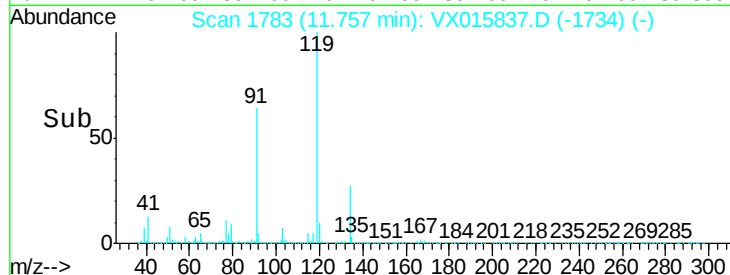
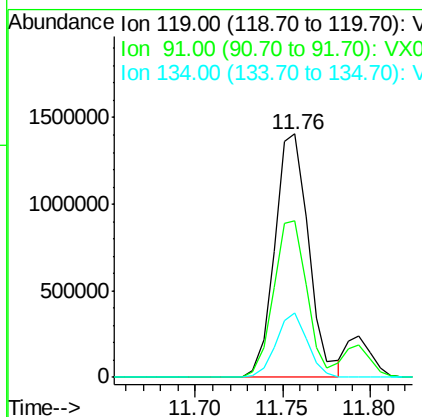
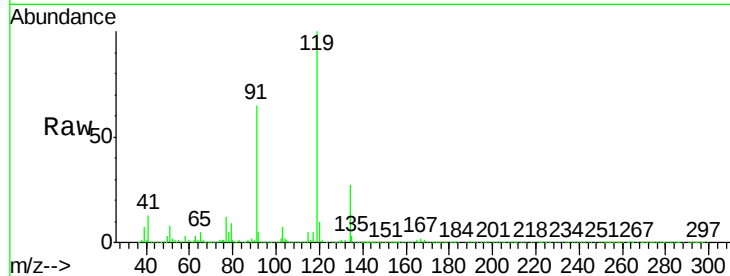
#83  
tert-Butylbenzene  
Concen: 55.118 ug/l  
RT: 11.76 min Scan# 1783  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.9  | 30.9  | 92.7  |
| 134     | 24.4  | 12.4  | 37.2  |

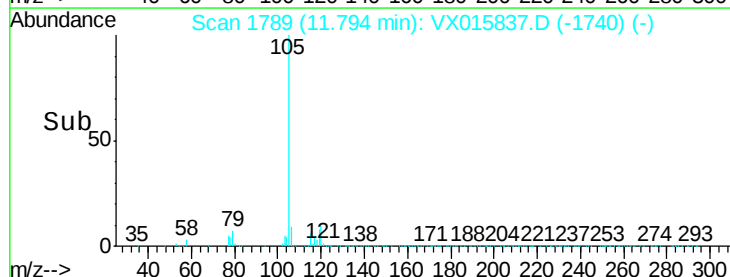
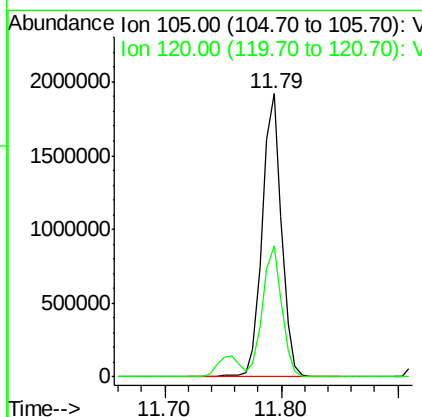
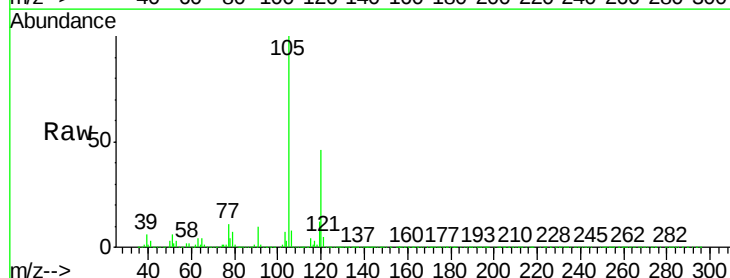
Manual Integrations  
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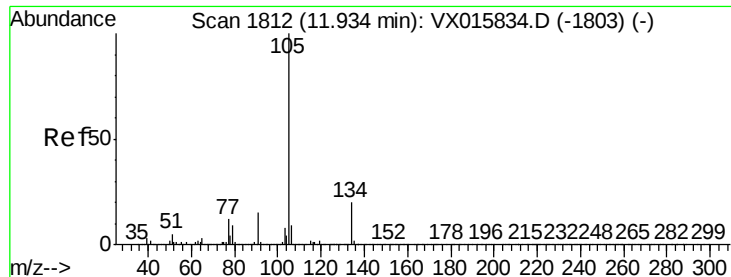
MMDadoda  
4/23/2020 11:58:21 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 54.782 ug/l  
RT: 11.79 min Scan# 1789  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.3  | 22.9  | 68.7  |





#85

sec-Butylbenzene

Concen: 55.690 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX042220

Tot Ion:105 Resp: 2539839

Ion Ratio Lower Upper

105 100

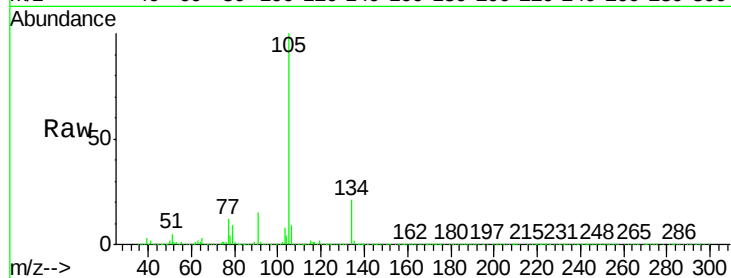
134 20.6 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

2000000

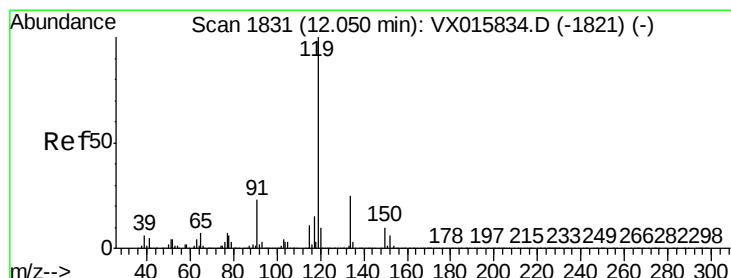
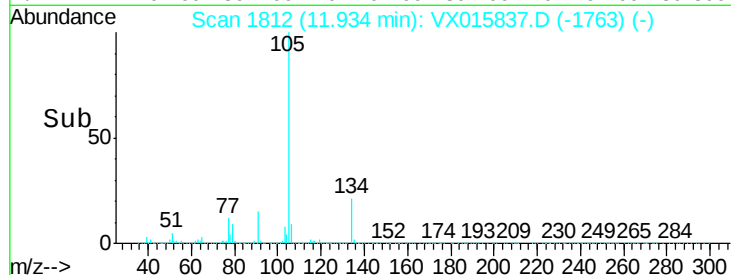
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.326 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

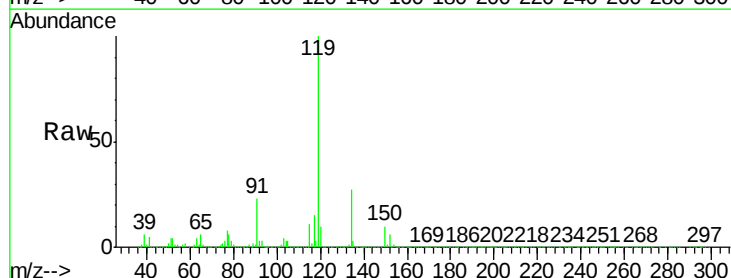
Tgt Ion:119 Resp: 2402080

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.1 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

2500000

2000000

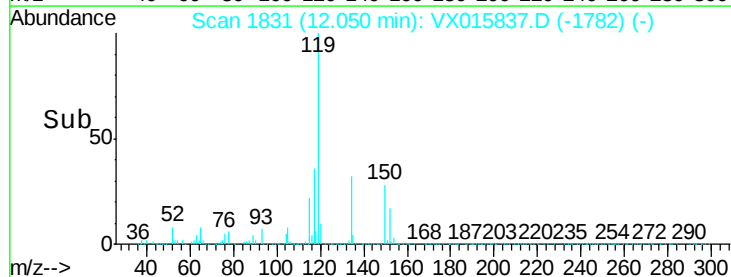
1500000

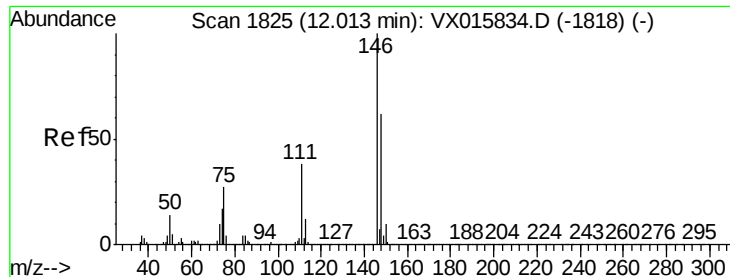
1000000

500000

0

Time-->





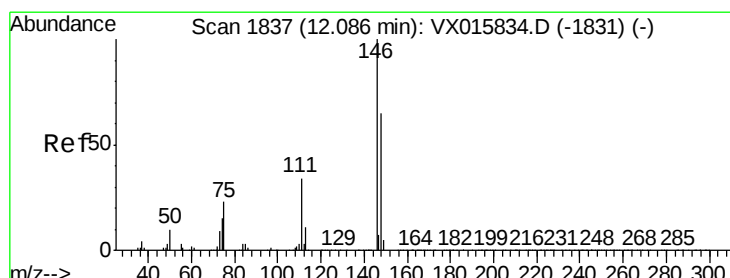
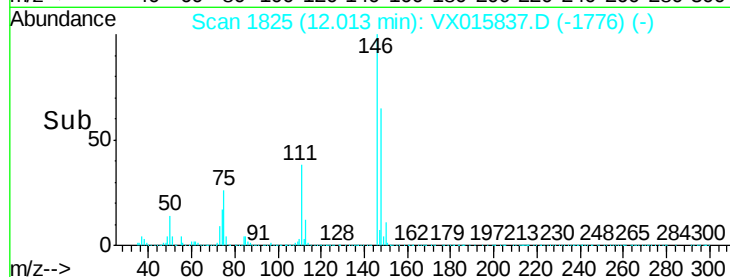
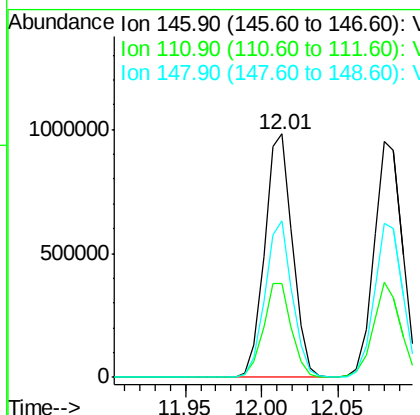
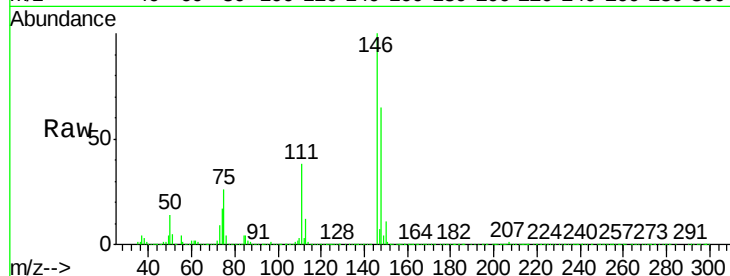
#87  
 1,3-Dichlorobenzene  
 Concen: 54.323 ug/l  
 RT: 12.01 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.1  | 57.1  |
| 148     | 62.9  | 30.9  | 92.7  |

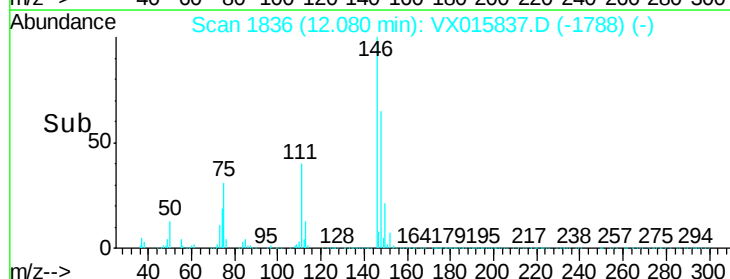
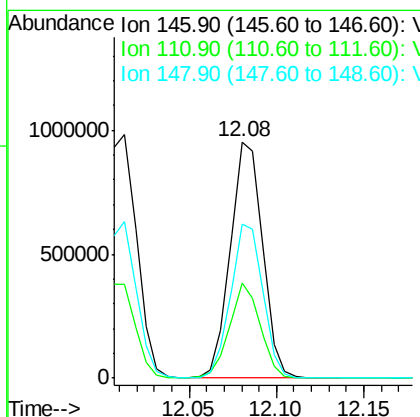
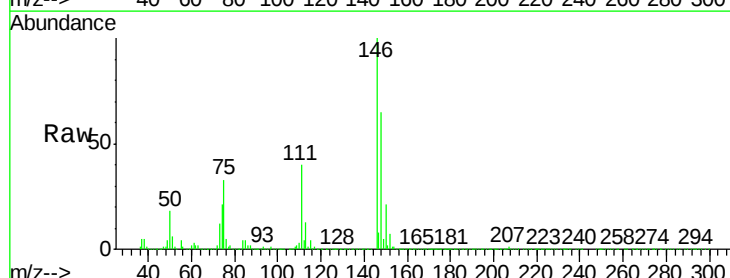
Manual Integrations  
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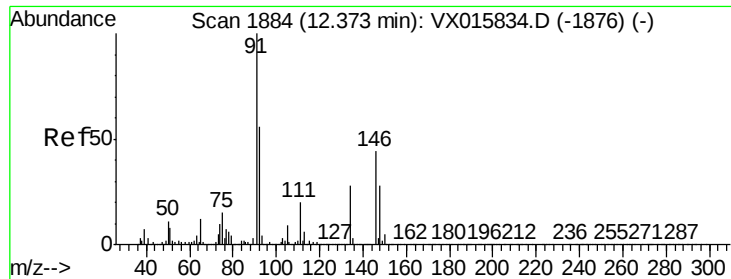
MMDadoda  
 4/23/2020 11:58:21 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 53.167 ug/l  
 RT: 12.08 min Scan# 1836  
 Delta R.T. -0.01 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.4  | 58.2  |
| 148     | 65.0  | 33.8  | 101.4 |





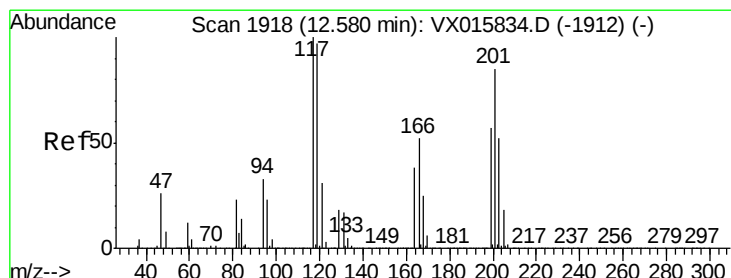
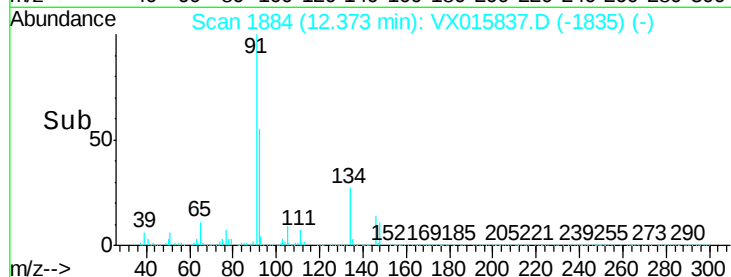
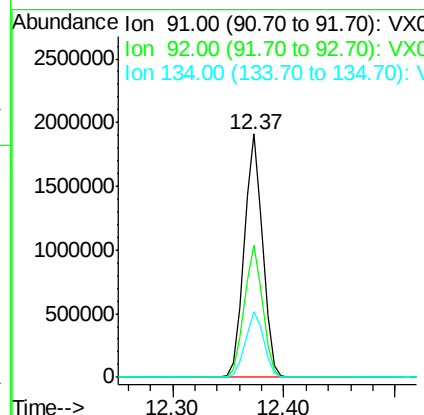
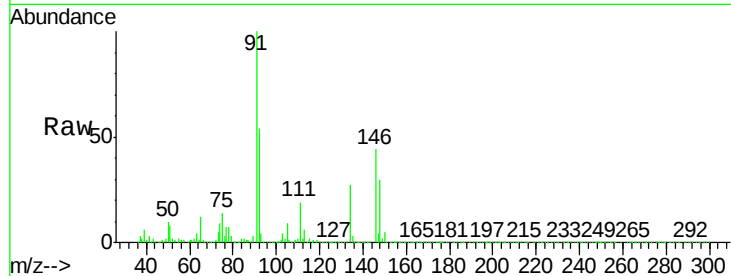
#89  
n-Butylbenzene  
Concen: 56.835 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.4  | 27.7  | 83.1  |
| 134     | 27.1  | 14.1  | 42.4  |

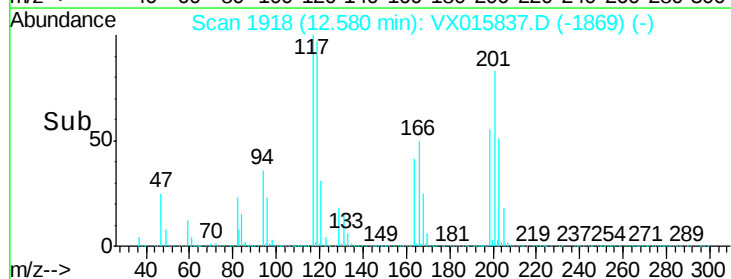
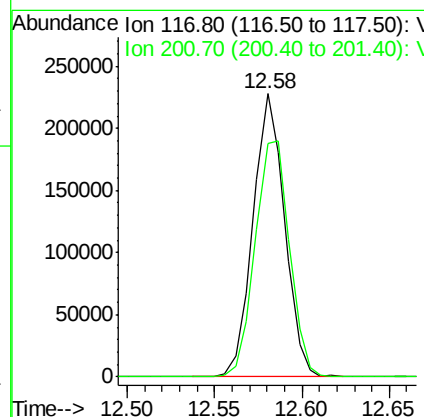
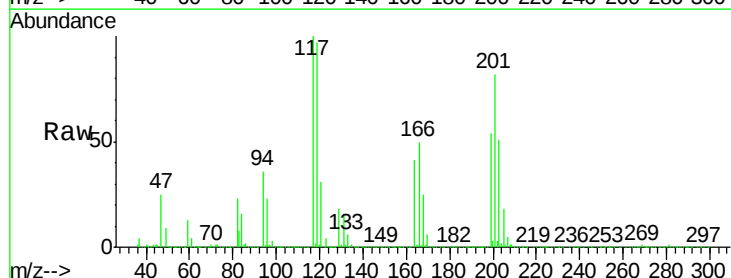
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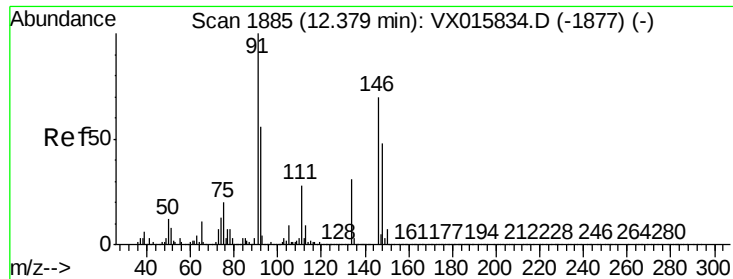
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#90  
Hexachloroethane  
Concen: 63.376 ug/l  
RT: 12.58 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 90.8  | 45.6  | 136.9 |





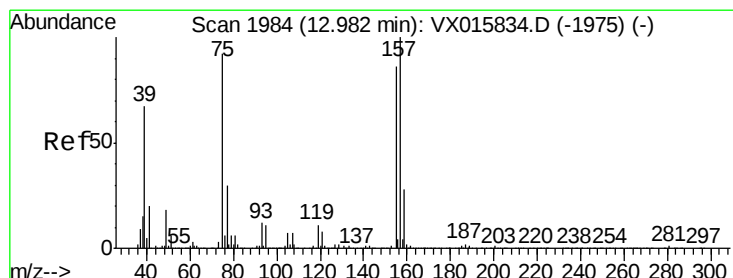
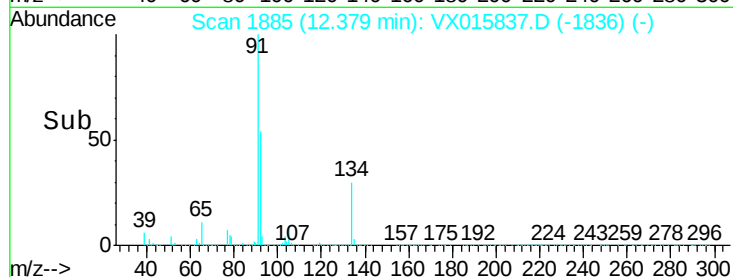
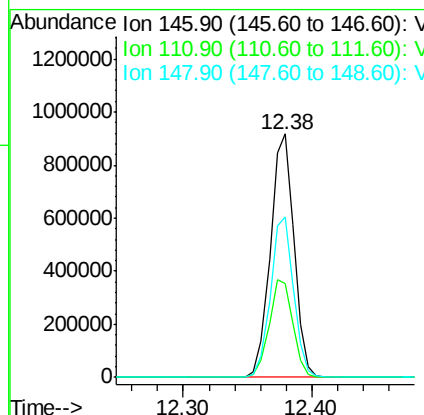
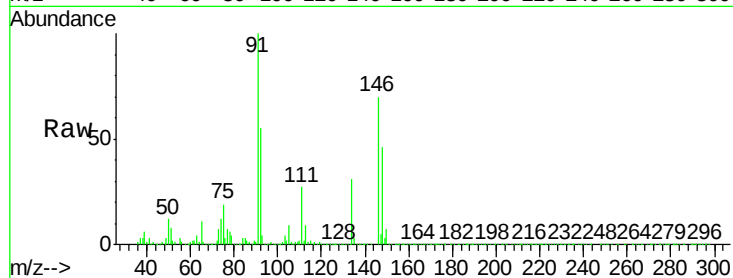
#91  
 1,2-Dichlorobenzene  
 Concen: 53.807 ug/l  
 RT: 12.38 min Scan# 1885  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 20.3  | 61.0  |
| 148     | 64.4  | 32.1  | 96.3  |

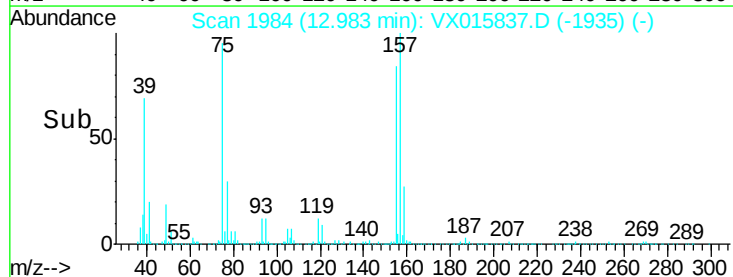
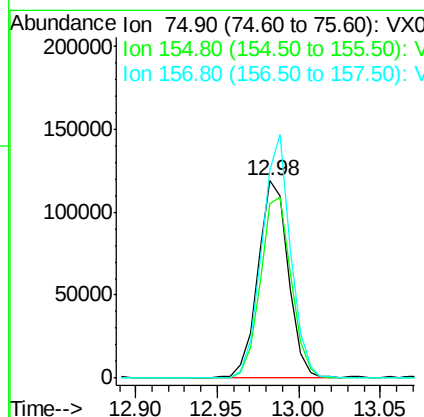
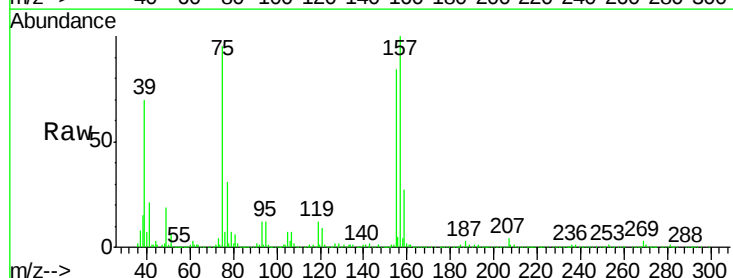
Manual Integrations  
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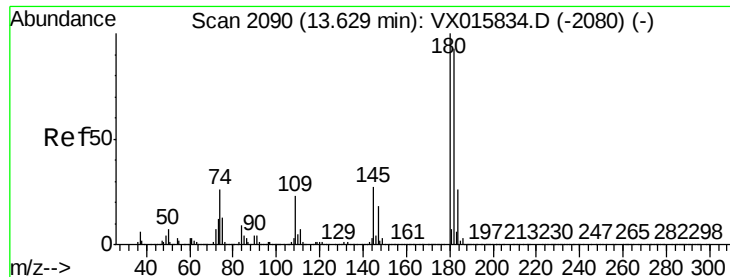
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.037 ug/l  
 RT: 12.98 min Scan# 1984  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.0  | 48.1  | 144.4 |
| 157     | 116.8 | 58.9  | 176.7 |





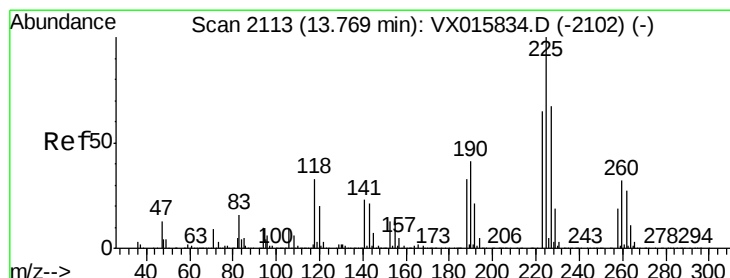
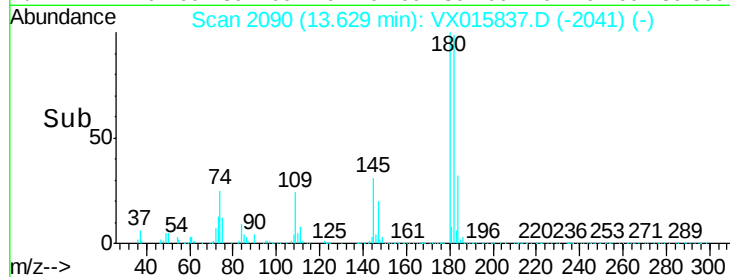
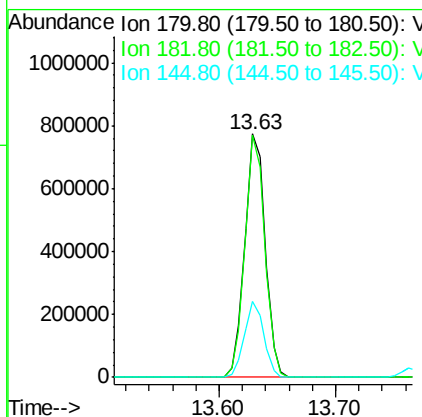
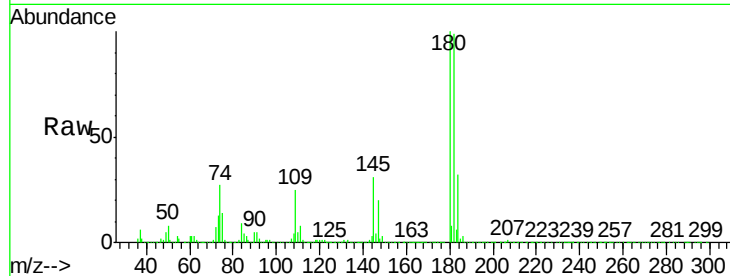
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.648 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX042220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 954055 |       |       |
| 182     | 96.8  | 47.7   | 143.1 |       |
| 145     | 29.7  | 14.5   | 43.5  |       |

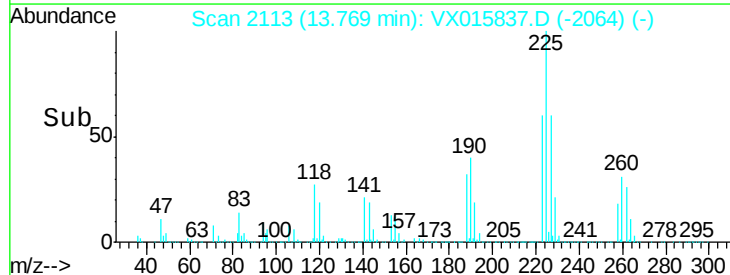
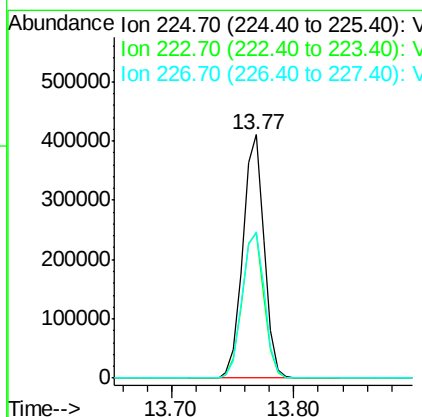
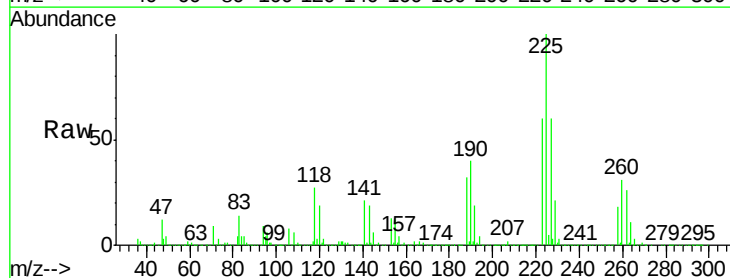
Manual Integrations  
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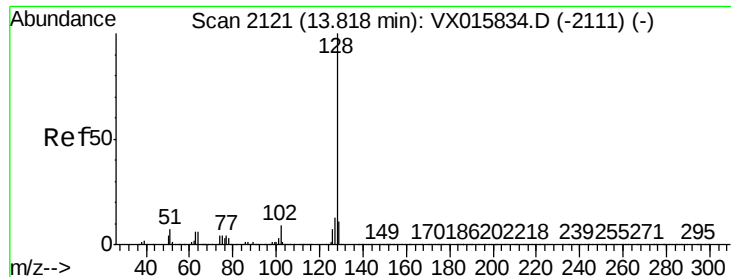
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 63.768 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VX015837.D  
 Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 490183 |       |       |
| 223     | 61.4  | 31.3   | 93.8  |       |
| 227     | 63.2  | 32.6   | 97.8  |       |





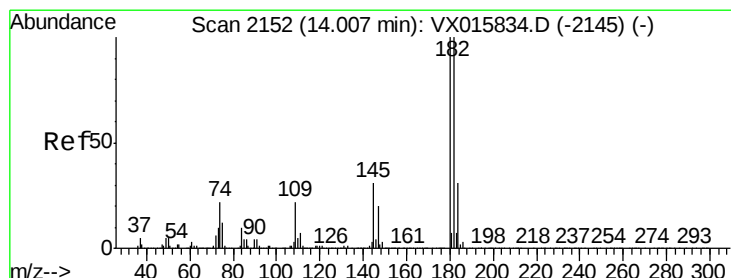
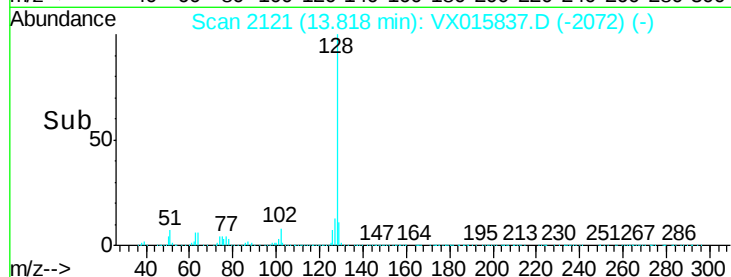
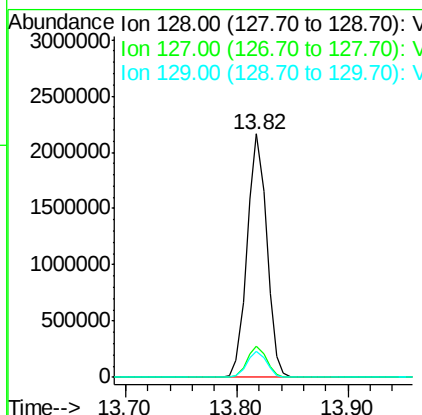
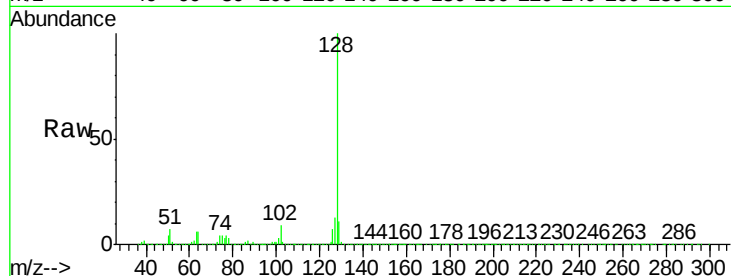
#95  
Naphthalene  
Concen: 53.536 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX042220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.5  | 15.7  |
| 129     | 10.9  | 8.5   | 12.7  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 54.311 ug/l  
RT: 14.00 min Scan# 2151  
Delta R.T. -0.01 min  
Lab File: VX015837.D  
Acq: 22 Apr 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.9  | 143.7 |
| 145     | 30.9  | 15.2  | 45.5  |

