

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\  
 Data File : VX015504.D  
 Acq On : 06 Apr 2020 12:02  
 Operator : JC/SP  
 Sample : VX0406WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/7/2020 11:59:03 AM

Quant Time: Apr 07 05:54:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 1107404  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1683179  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1542613  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 814320   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 770648   | 49.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.68%  |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 558428   | 51.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.80% |      |
| 50) Toluene-d8            | 8.70   | 98  | 2053397  | 51.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.68% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 840725   | 52.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.44% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 192969  | 19.779  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 219569  | 17.672  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 211035  | 18.498  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 140407  | 22.202  | ug/l | 95     |
| 6) Chloroethane               | 1.71 | 64  | 134942  | 19.071  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 308275  | 20.149  | ug/l | 97     |
| 8) Diethyl Ether              | 2.17 | 74  | 118250  | 18.324  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 203837  | 20.437  | ug/l | 100    |
| 10) Methyl Iodide             | 2.49 | 142 | 231669  | 17.228  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 329725  | 88.199  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 197993  | 18.938  | ug/l | 96     |
| 13) Acrolein                  | 2.27 | 56  | 226587  | 106.400 | ug/l | 99     |
| 14) Allyl chloride            | 2.70 | 41  | 455158  | 18.632  | ug/l | 99     |
| 15) Acrylonitrile             | 3.11 | 53  | 660996  | 92.713  | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 637955  | 95.073  | ug/l | 100    |
| 17) Carbon Disulfide          | 2.55 | 76  | 581561  | 18.234  | ug/l | 98     |
| 18) Methyl Acetate            | 2.75 | 43  | 313425  | 18.301  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 778482  | 19.199  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 231084  | 18.437  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 217711  | 18.763  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.83 | 45  | 841847  | 19.448  | ug/l | 93     |
| 23) Vinyl Acetate             | 3.78 | 43  | 3852311 | 98.290  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 425029  | 18.648  | ug/l | 100    |
| 25) 2-Butanone                | 4.64 | 43  | 992211  | 91.945  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 383871  | 20.519  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 251817  | 18.758  | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 225564  | 20.728  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 637442  | 91.884  | ug/l | 100    |
| 30) Chloroform                | 5.18 | 83  | 416572  | 18.997  | ug/l | 99     |
| 31) Cyclohexane               | 5.55 | 56  | 384126  | 19.428  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97  | 380467  | 19.172  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 318413  | 20.531  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 394685  | 19.545  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 336134  | 20.011  | ug/l | 95     |

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 Sample : VX0406WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/7/2020 11:59:03 AM

Quant Time: Apr 07 05:54:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 373920   | 20.911  | ug/l   | 99       |
| 40) Benzene                    | 6.11  | 78   | 907956   | 19.986  | ug/l   | 96       |
| 41) Methacrylonitrile          | 5.00  | 41   | 220790   | 19.696  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 372313   | 20.403  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 669893   | 19.652  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 250544   | 20.222  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 245913   | 19.788  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 162427   | 19.924  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 349629   | 20.127  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 332609   | 19.534  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 128077   | 403.221 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1942262  | 100.538 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 570854   | 20.382  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 406569   | 19.957  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 419750   | 20.226  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 233164   | 20.319  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 398272   | 19.694  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 409459   | 19.805  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 1000730  | 101.734 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 1472668  | 100.970 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 276035   | 20.019  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 250507   | 20.077  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 246948   | 21.212  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 622461   | 20.233  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 250847   | 20.410  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1113510  | 20.408  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 846490   | 41.663  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 401242   | 19.985  | ug/l   | 97       |
| 70) Styrene                    | 10.70 | 104  | 703541   | 19.914  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 217393   | 19.430  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 1090717  | 20.442  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 570885   | 19.238  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 353405   | 19.303  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 342770m  | 20.469  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 283193   | 19.898  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 1264999  | 20.734  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 753267   | 20.143  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 938563   | 20.597  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 134441   | 19.264  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 903931   | 20.619  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 909459   | 20.433  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 949671   | 20.451  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1072391  | 20.832  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1023809  | 21.424  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 525216   | 20.614  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 515674   | 19.870  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 923335   | 21.381  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 182892   | 19.663  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 495501   | 19.873  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 90854    | 17.582  | ug/l   | 98       |

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Sample : VX0406WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

Manual Integrations  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 393038   | 19.928 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 179740   | 19.141 | ug/l  | 95       |
| 95) Naphthalene            | 13.82 | 128  | 1213620  | 20.173 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 380448   | 20.036 | ug/l  | 95       |

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

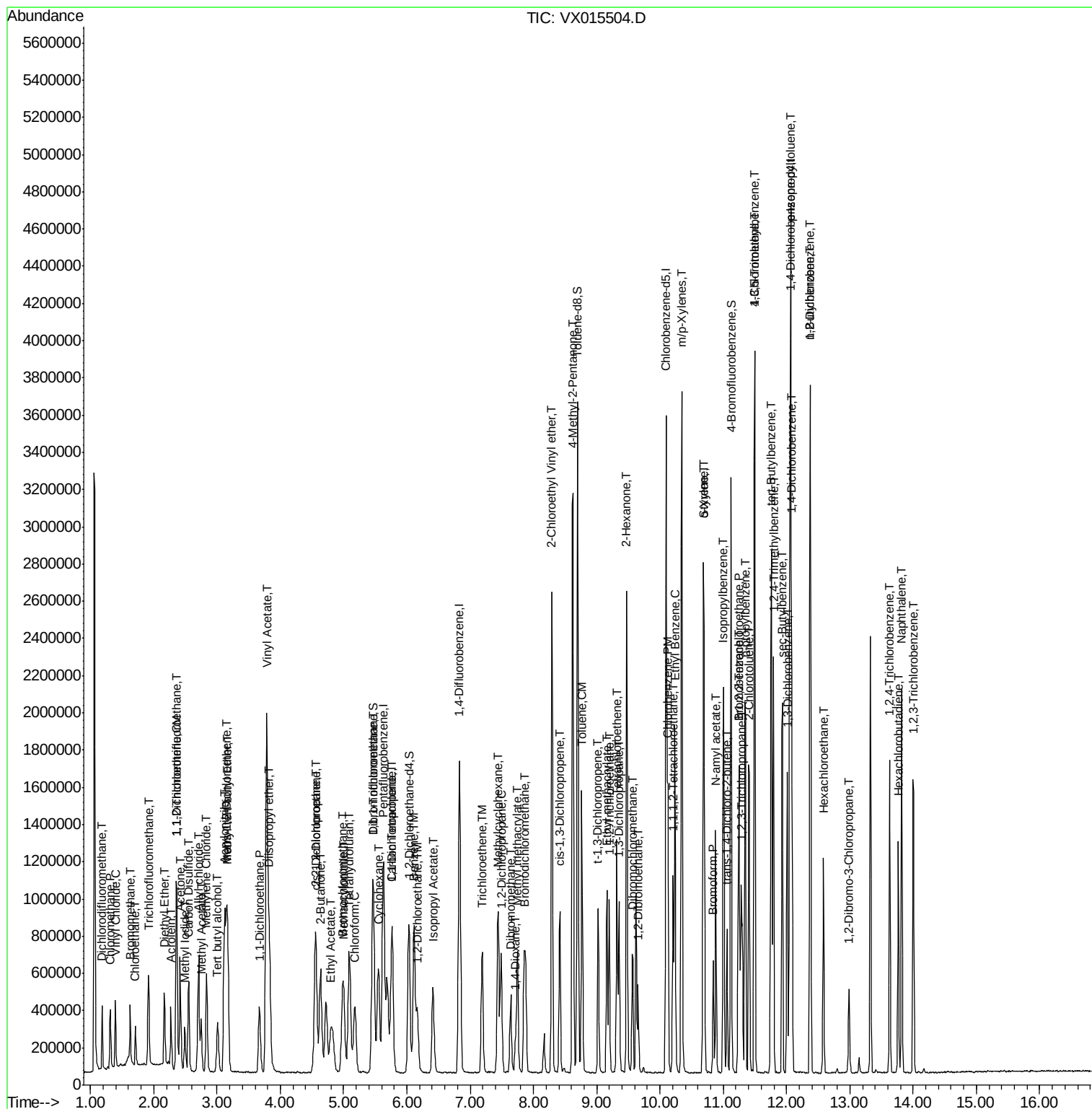
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Data File : VX015504.D  
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Operator : JC/SP  
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ALS Vial : 5 Sample Multiplier: 1

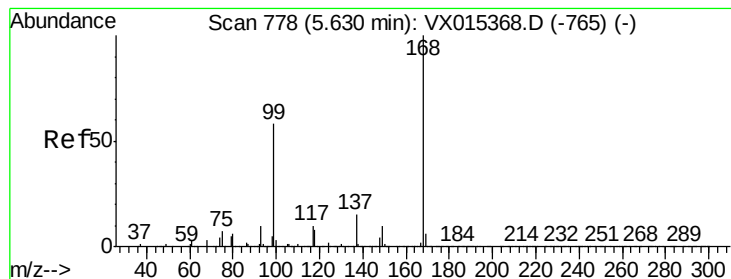
Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0406WBSD01

Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion:168 Resp: 1107404

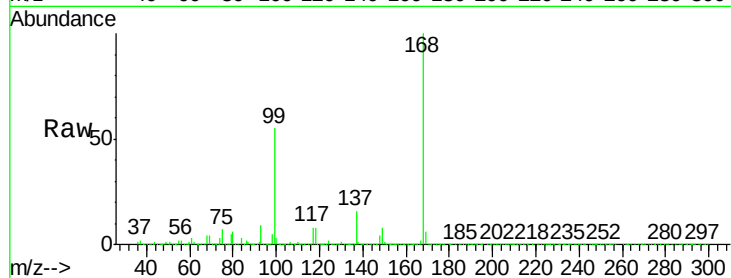
Ion Ratio Lower Upper

168 100

99 54.8 46.4 69.6

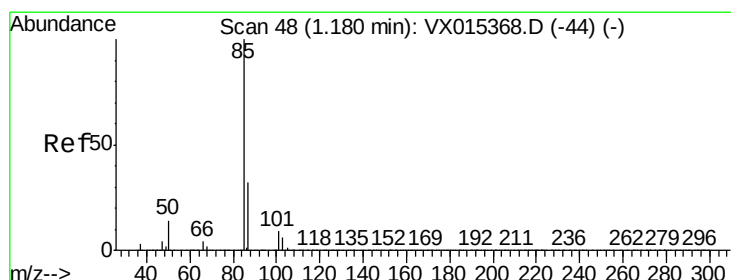
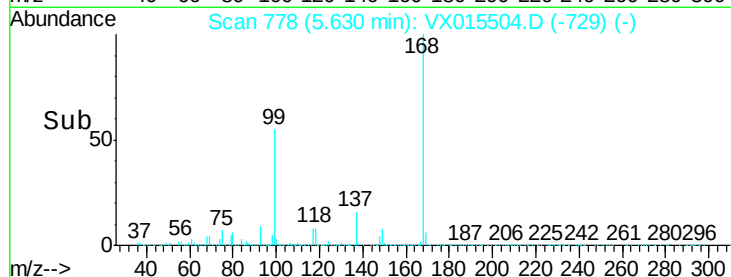
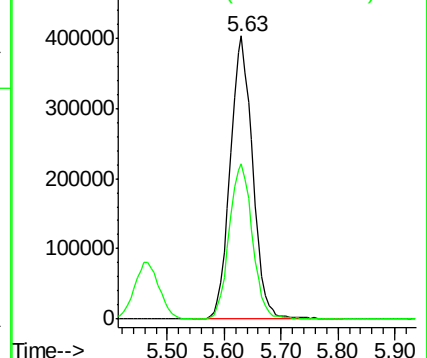
Manual Integrations  
APPROVED

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4/7/2020 11:59:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.779 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015504.D

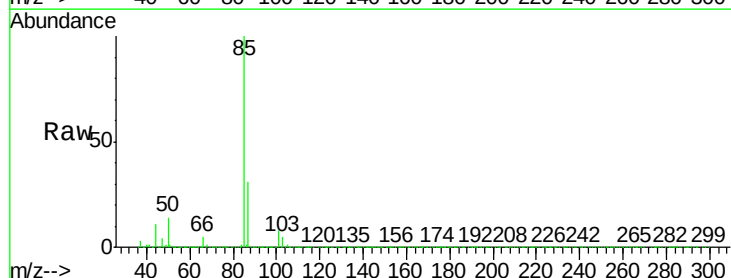
Acq: 06 Apr 2020 12:02

Tgt Ion: 85 Resp: 192969

Ion Ratio Lower Upper

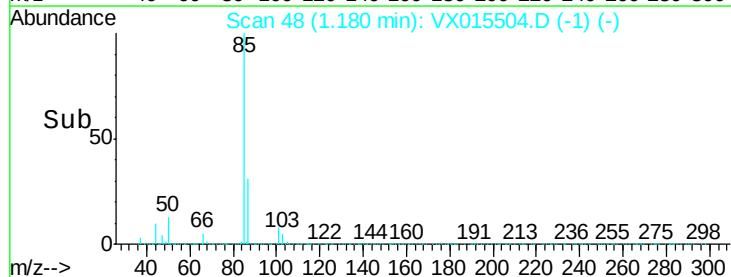
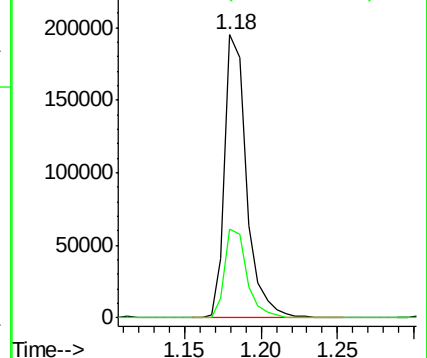
85 100

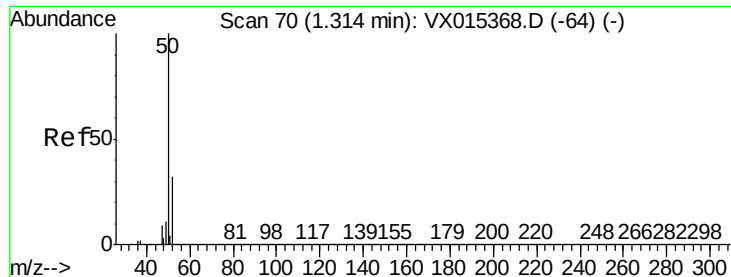
87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.672 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 50 Resp: 219569

Ion Ratio Lower Upper

50 100

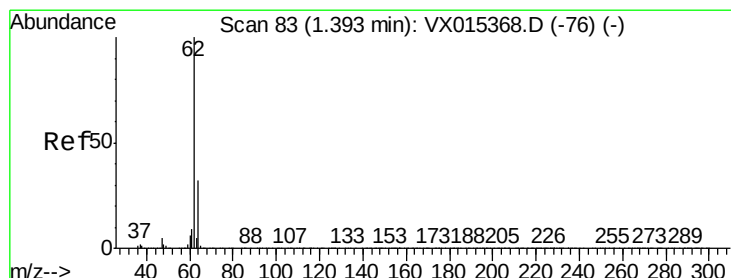
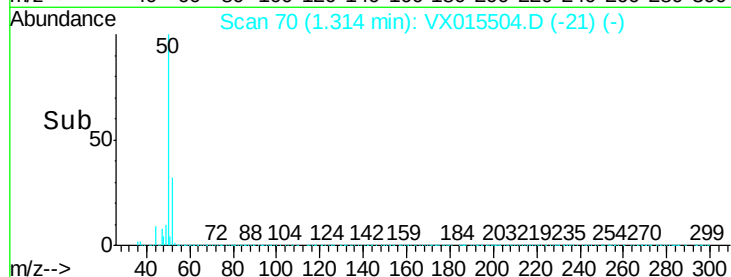
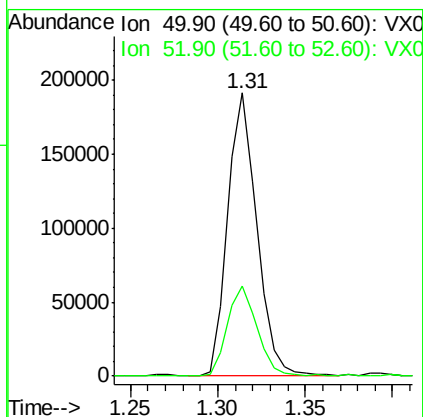
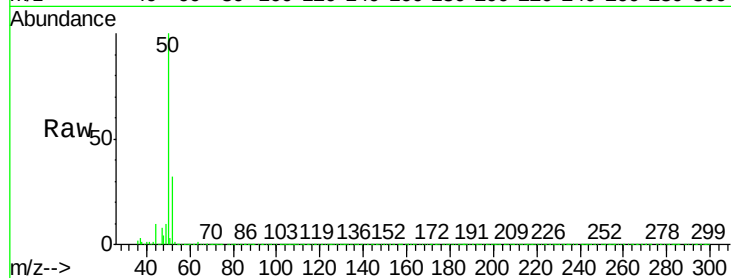
52 31.5 25.3 37.9

Manual Integrations

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4/7/2020 11:59:03 AM



#4

Vinyl Chloride

Concen: 18.498 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015504.D

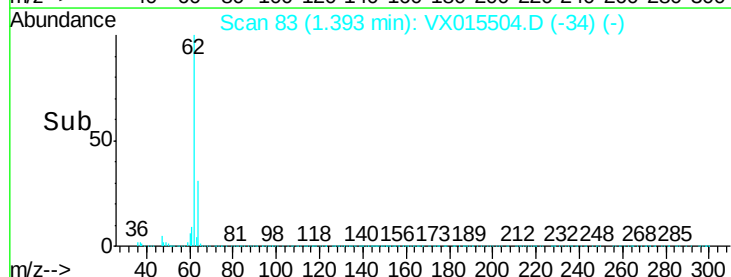
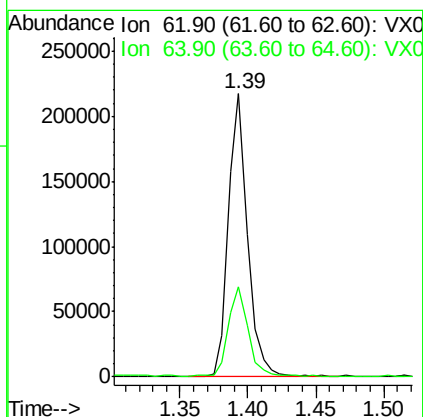
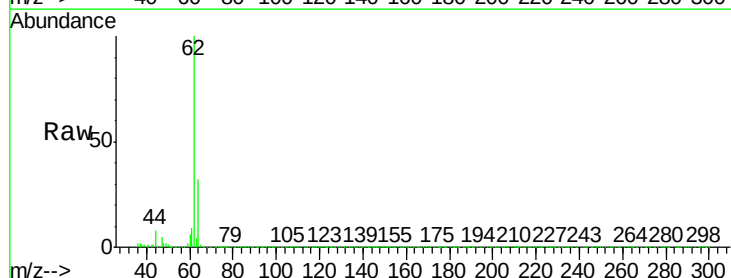
Acq: 06 Apr 2020 12:02

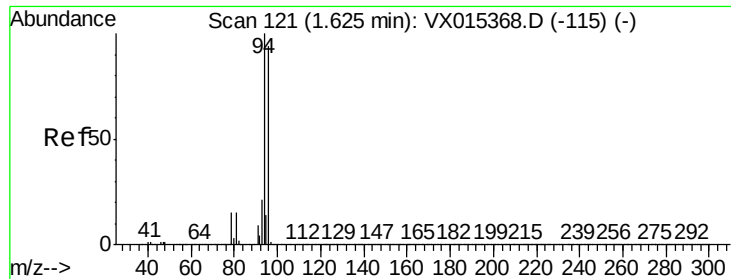
Tgt Ion: 62 Resp: 211035

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 22.202 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 94 Resp: 140407

Ion Ratio Lower Upper

94 100

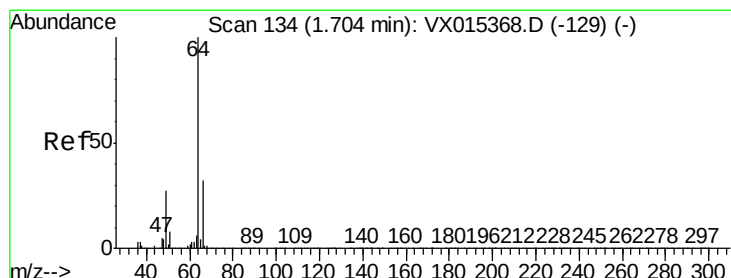
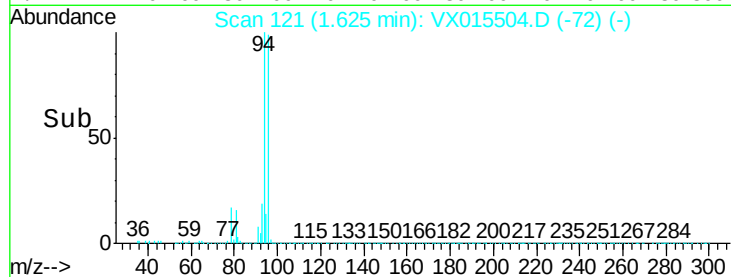
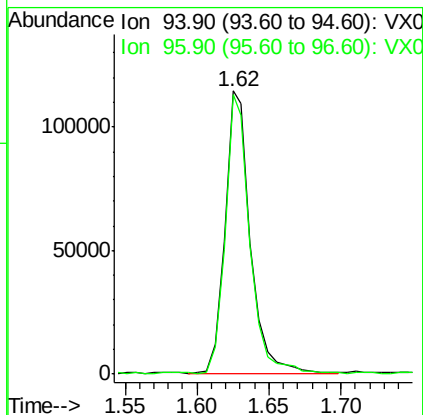
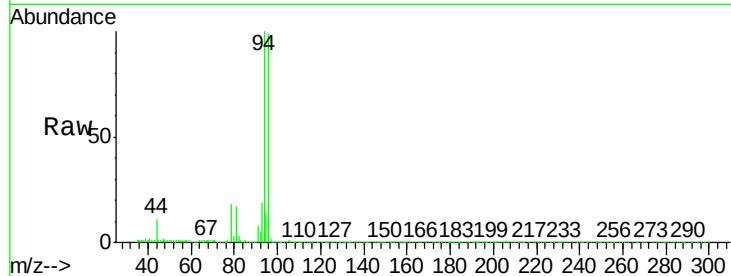
96 98.4 74.8 112.2

Manual Integrations

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4/7/2020 11:59:03 AM



#6

Chloroethane

Concen: 19.071 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015504.D

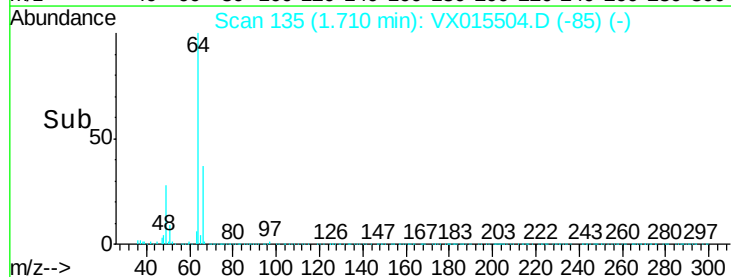
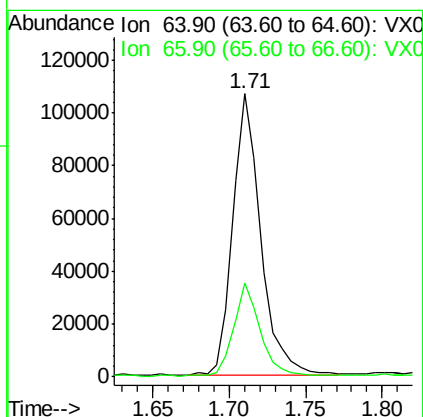
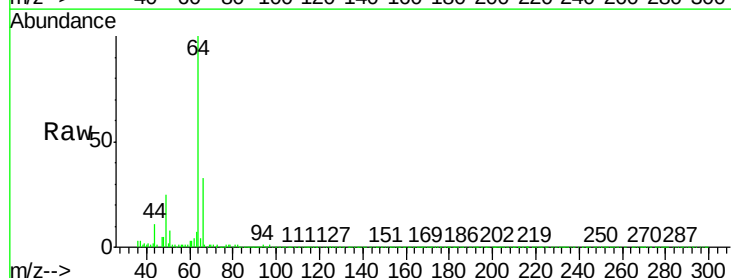
Acq: 06 Apr 2020 12:02

Tgt Ion: 64 Resp: 134942

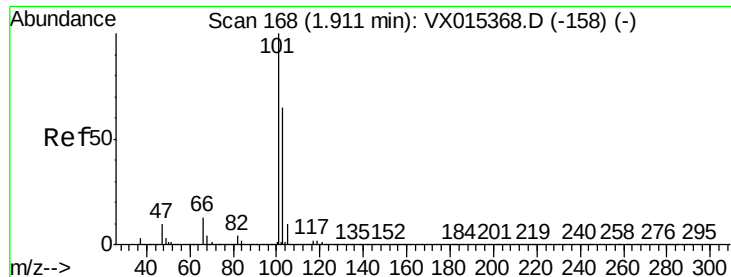
Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.2







#7

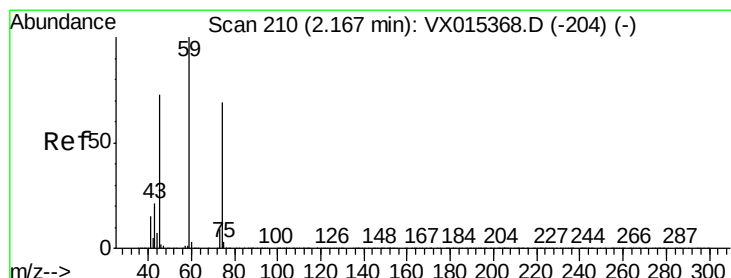
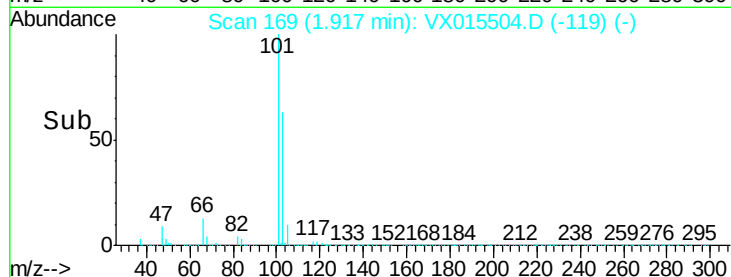
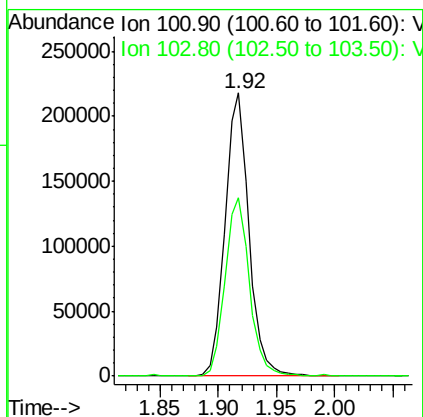
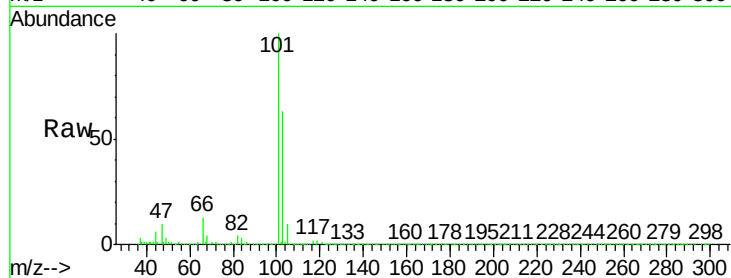
Trichlorofluoromethane  
Concen: 20.149 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.0  | 52.3  | 78.5  |

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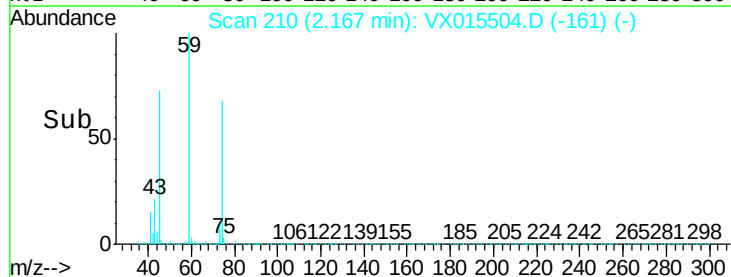
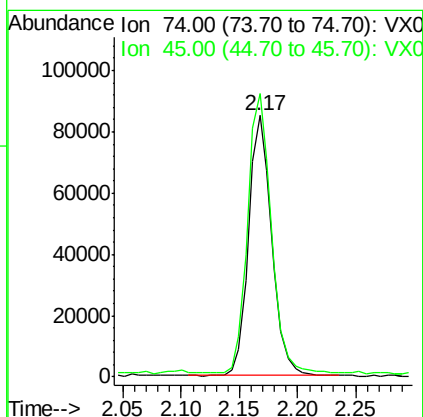
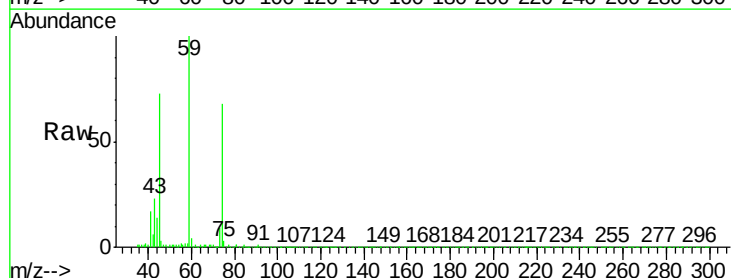
MMDadoda  
4/7/2020 11:59:03 AM



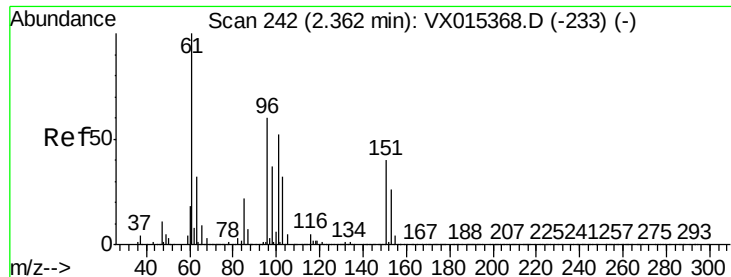
#8

Diethyl Ether  
Concen: 18.324 ug/l  
RT: 2.17 min Scan# 210  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 109.7 | 53.8  | 161.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.437 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

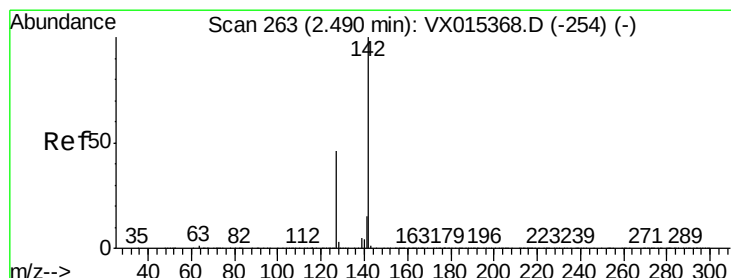
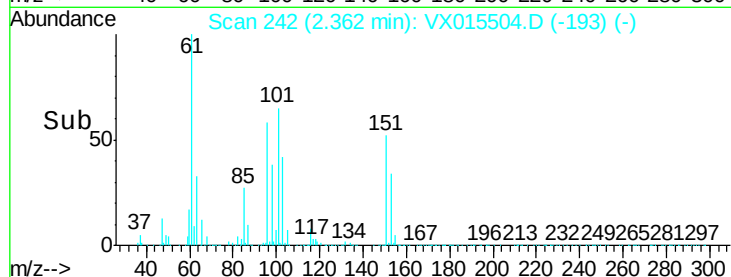
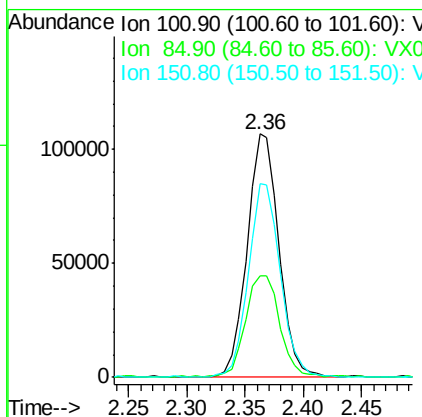
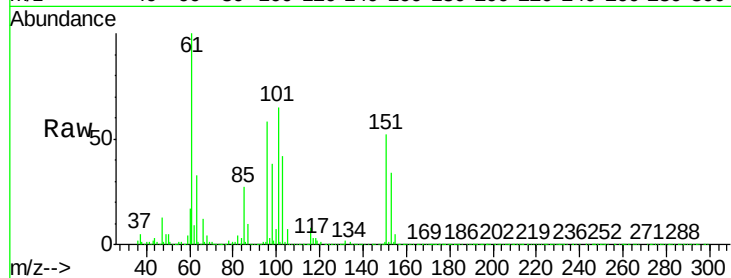
ClientSampleId :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 203837 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.5  | 35.0  | 52.4   |
| 151       | 80.1  | 64.1  | 96.1   |

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#10

Methyl Iodide

Concen: 17.228 ug/l

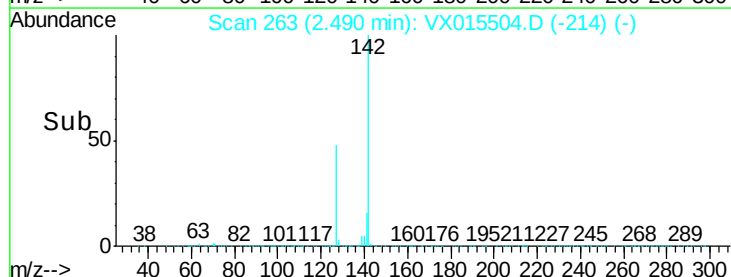
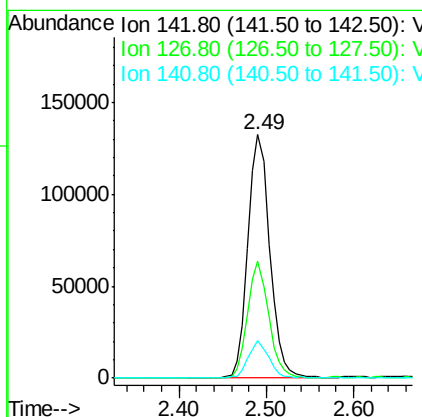
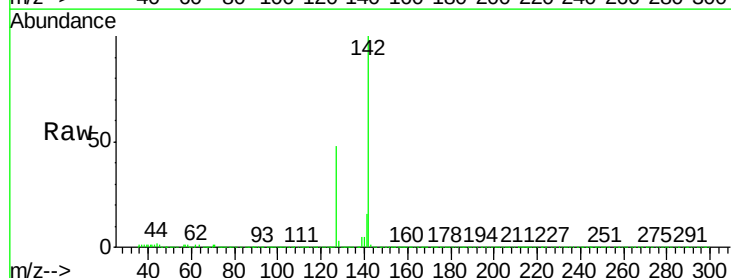
RT: 2.49 min Scan# 263

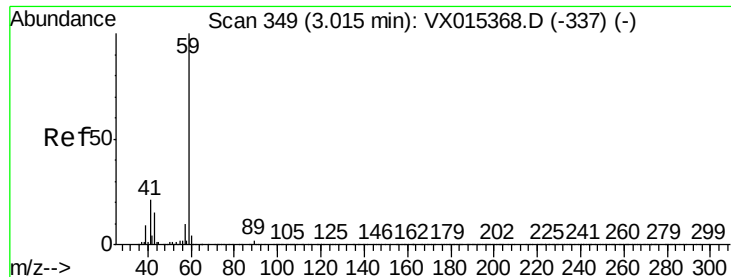
Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 231669 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.4  | 35.9  | 53.9   |
| 141       | 14.2  | 11.6  | 17.4   |





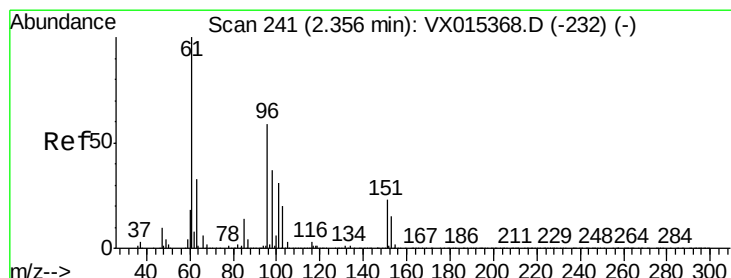
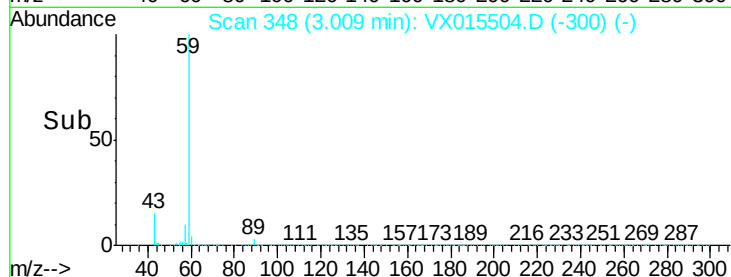
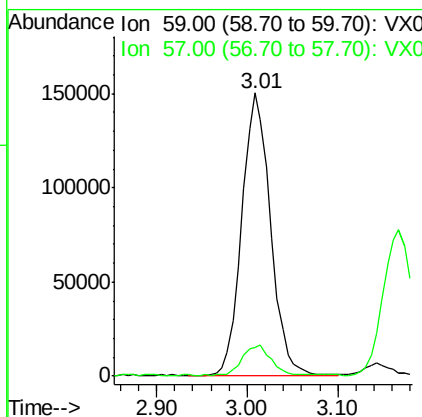
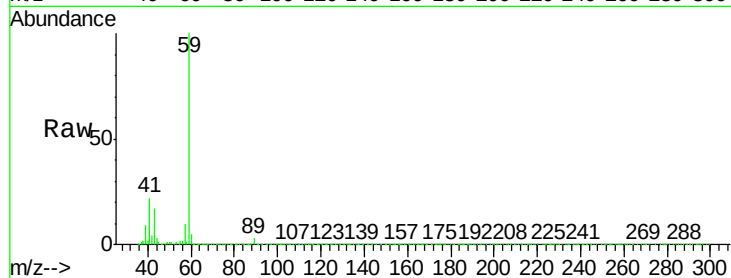
#11  
Tert butyl alcohol  
Concen: 88.199 ug/l  
RT: 3.01 min Scan# 348  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.1   | 12.1  |

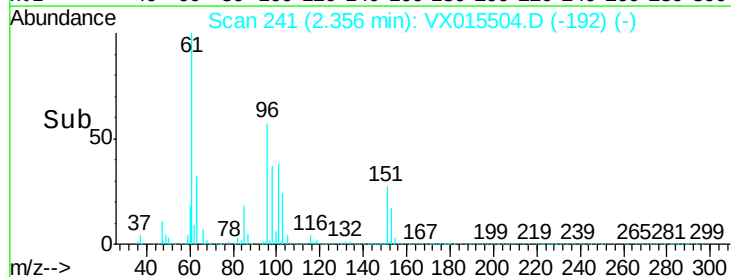
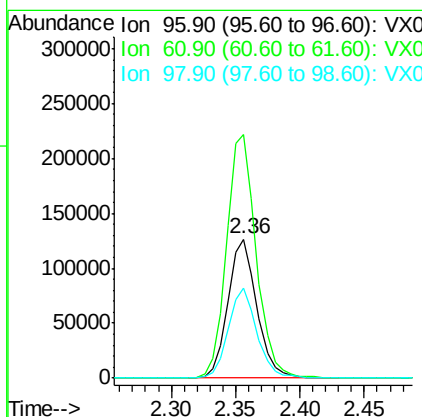
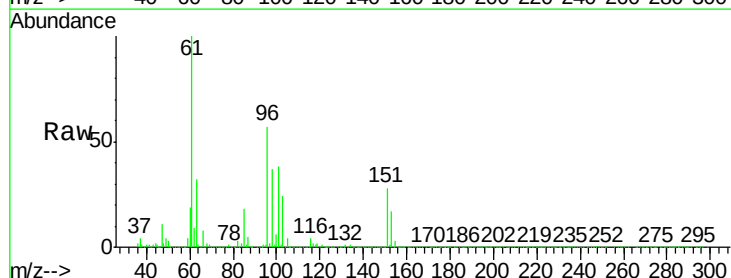
Manual Integrations  
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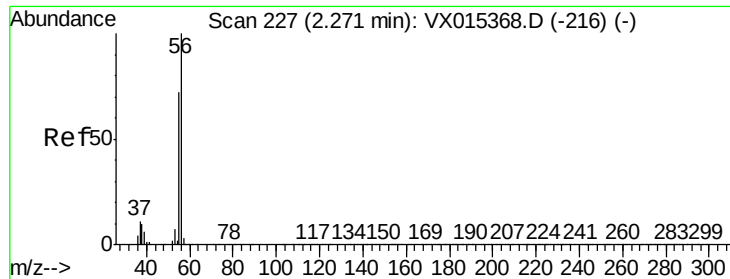
MMDadoda  
4/7/2020 11:59:03 AM



#12  
1,1-Dichloroethene  
Concen: 18.938 ug/l  
RT: 2.36 min Scan# 241  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 175.3 | 135.7 | 203.5 |
| 98      | 64.9  | 50.6  | 75.8  |





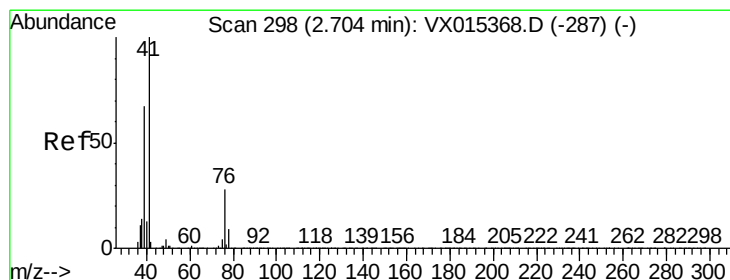
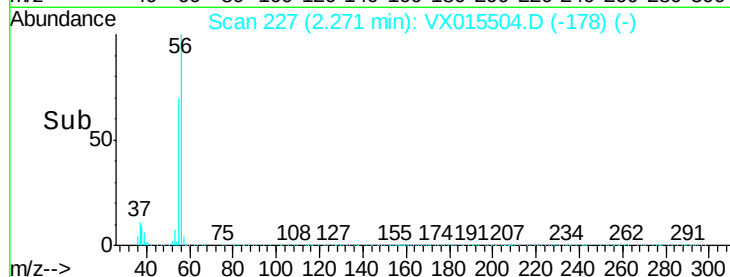
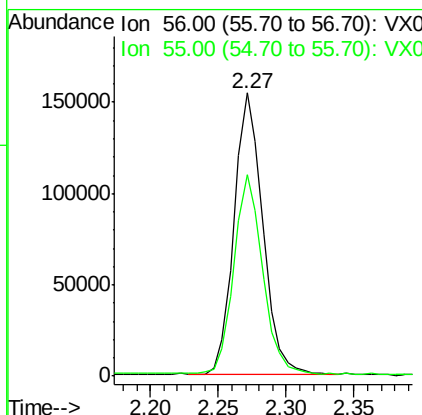
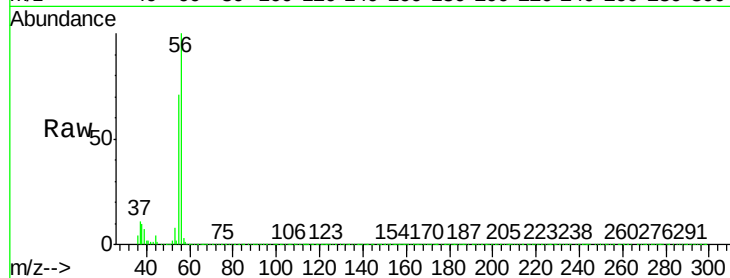
#13  
Acrolein  
Concen: 106.400 ug/l  
RT: 2.27 min Scan# 227  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 70.4  | 57.0  | 85.4  |

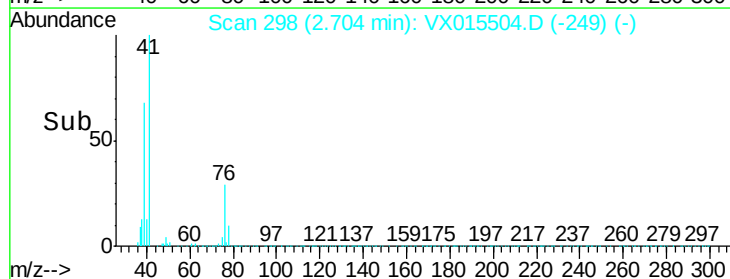
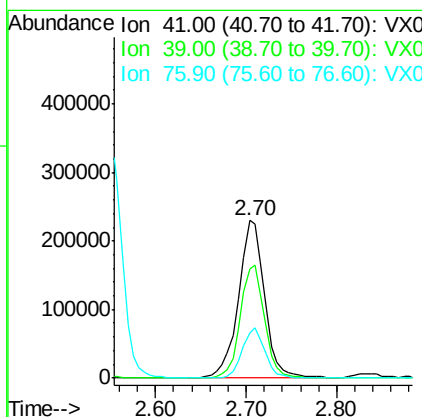
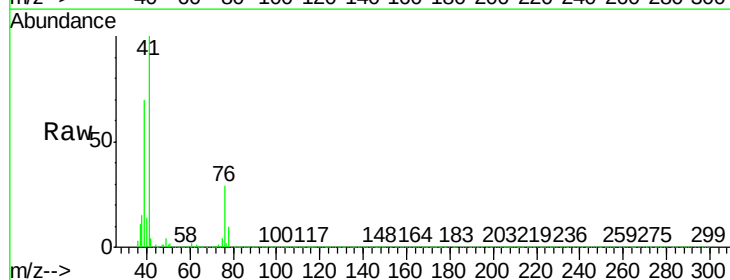
Manual Integrations  
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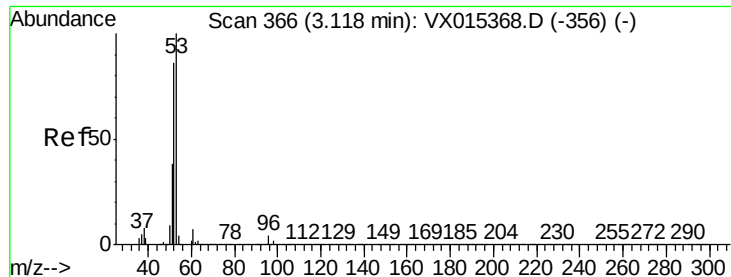
MMDadoda  
4/7/2020 11:59:03 AM



#14  
Allyl chloride  
Concen: 18.632 ug/l  
RT: 2.70 min Scan# 298  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 65.7  | 51.4  | 77.0  |
| 76      | 27.3  | 21.8  | 32.8  |





#15

Acrylonitrile

Concen: 92.713 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

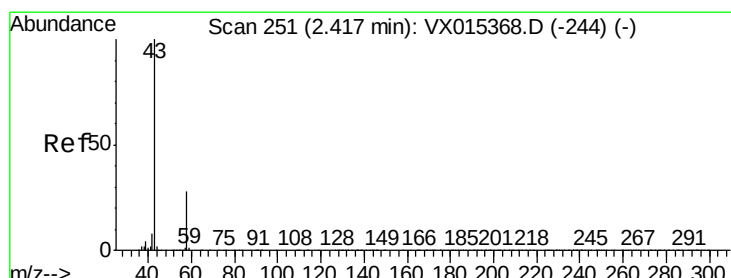
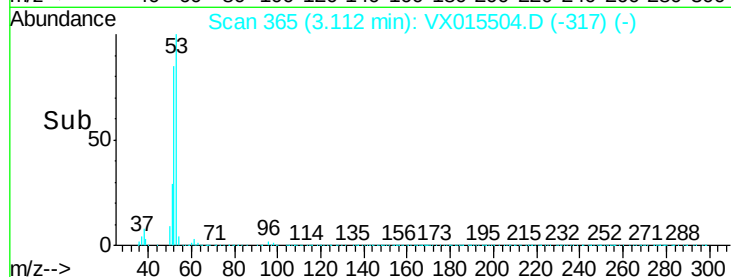
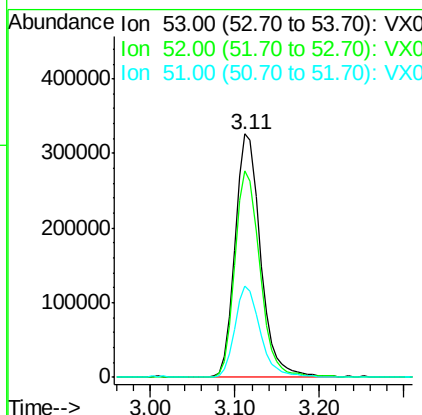
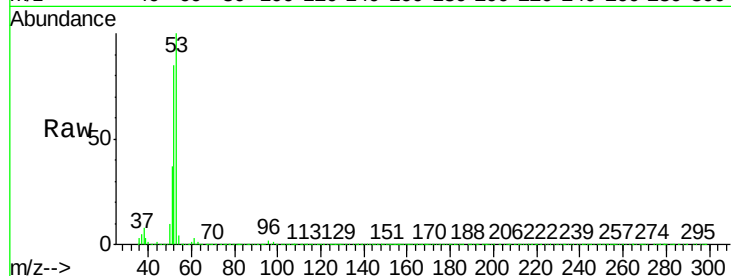
ClientSampleId :

VX0406WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 660996 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 84.0 | 66.8  | 100.2  |
| 51        | 37.0 | 29.5  | 44.3   |

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#16

Acetone

Concen: 95.073 ug/l

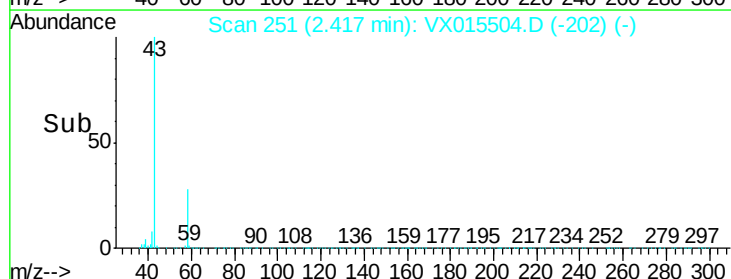
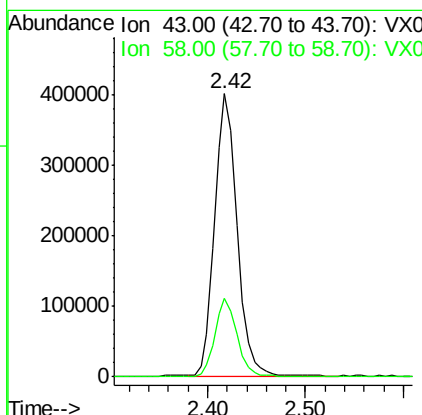
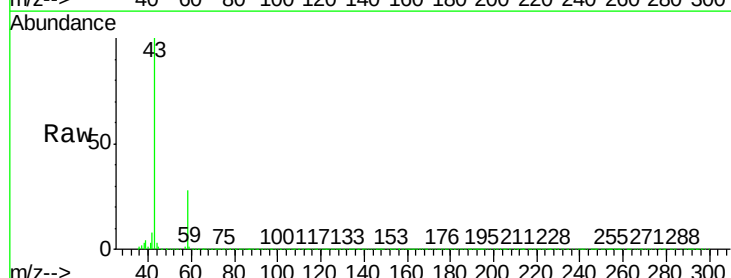
RT: 2.42 min Scan# 251

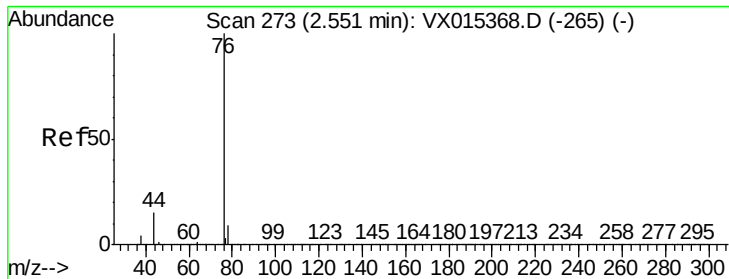
Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 637955 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 27.5 | 22.1  | 33.1   |





#17

Carbon Disulfide

Concen: 18.234 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 76 Resp: 581561

Ion Ratio Lower Upper

76 100

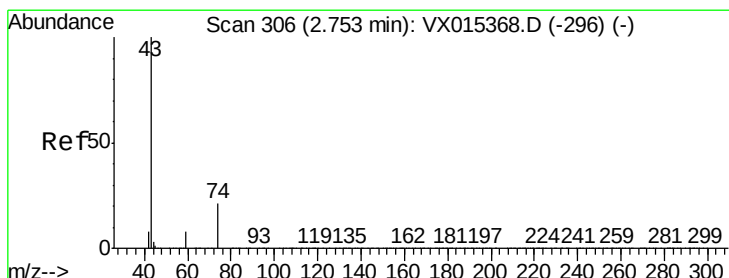
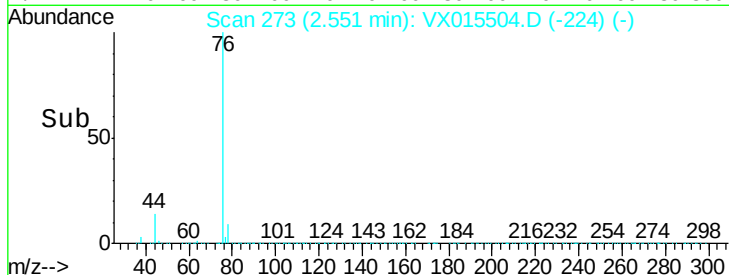
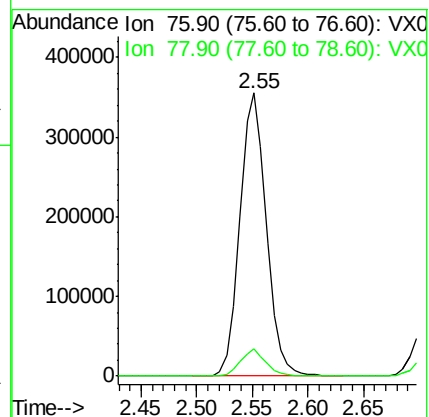
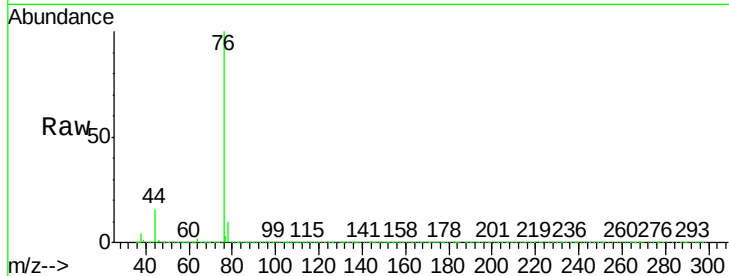
78 9.5 7.1 10.7

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#18

Methyl Acetate

Concen: 18.301 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015504.D

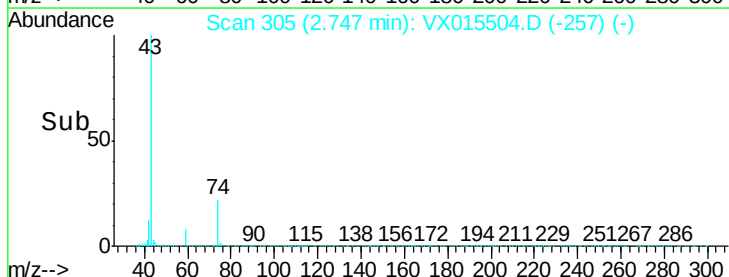
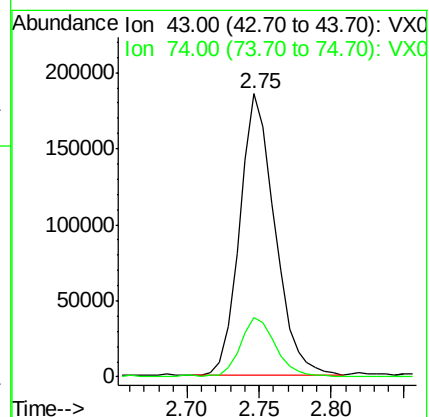
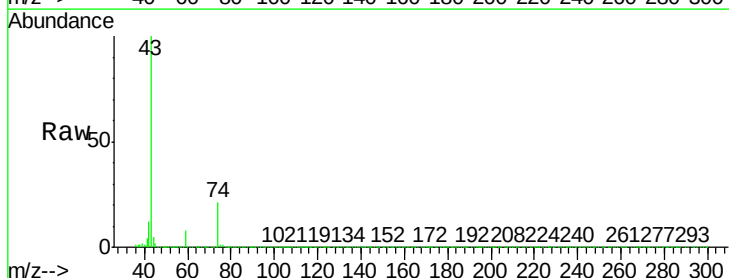
Acq: 06 Apr 2020 12:02

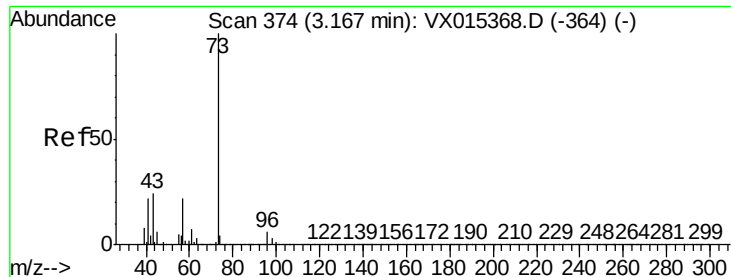
Tgt Ion: 43 Resp: 313425

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7





#19

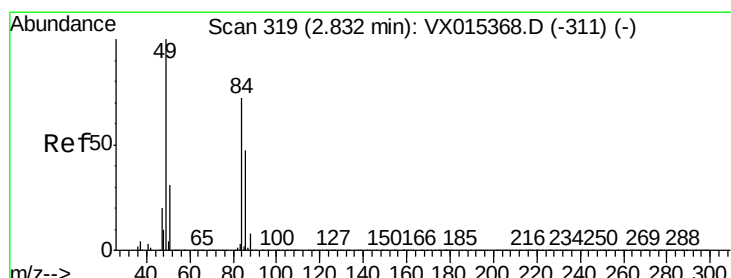
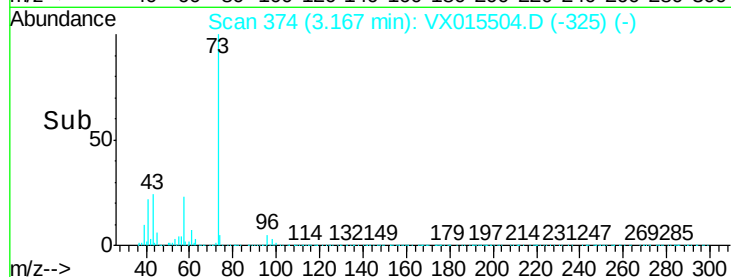
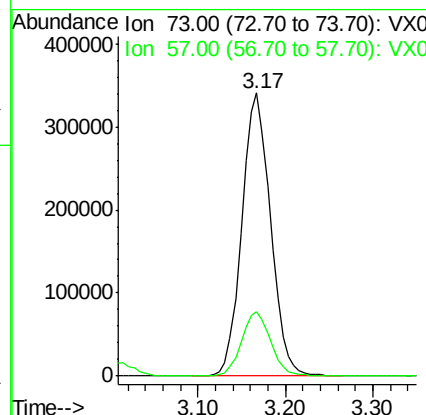
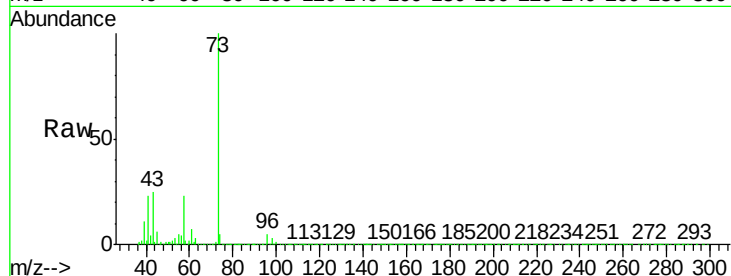
Methyl tert-butyl Ether  
Concen: 19.199 ug/l  
RT: 3.17 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.6  | 17.9  | 26.9  |

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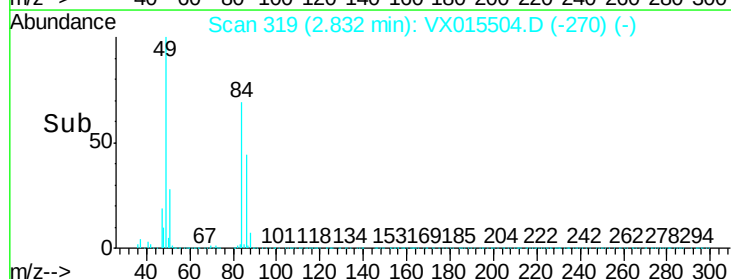
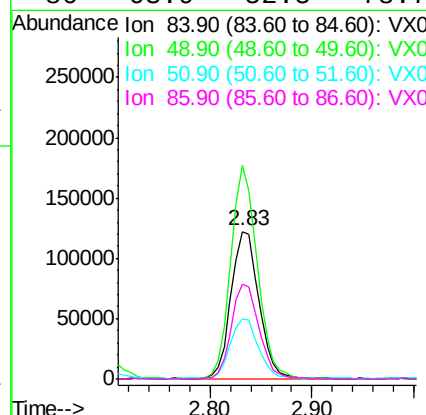
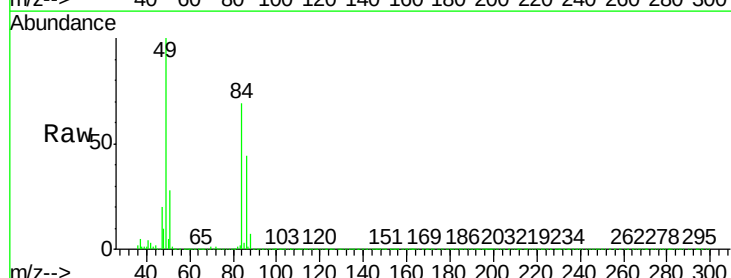
MMDadoda  
4/7/2020 11:59:03 AM

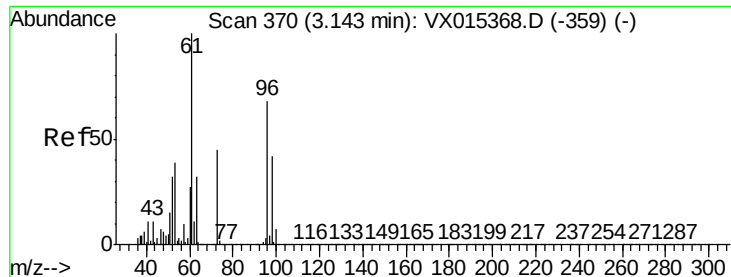


#20

Methylene Chloride  
Concen: 18.437 ug/l  
RT: 2.83 min Scan# 319  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 144.8 | 111.3 | 166.9 |
| 51      | 40.6  | 34.0  | 51.0  |
| 86      | 63.9  | 52.5  | 78.7  |





#21

trans-1,2-Dichloroethene

Concen: 18.763 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

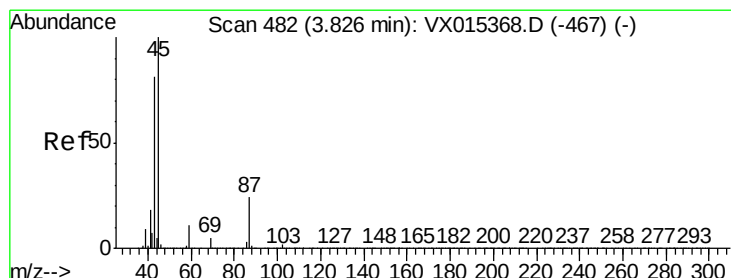
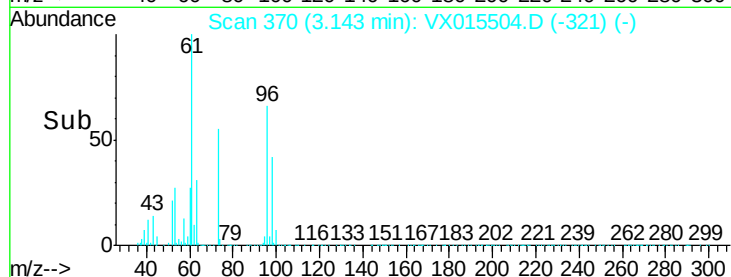
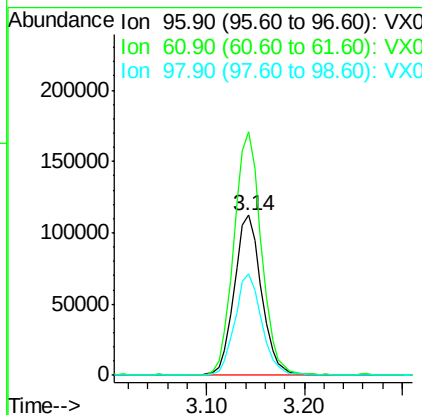
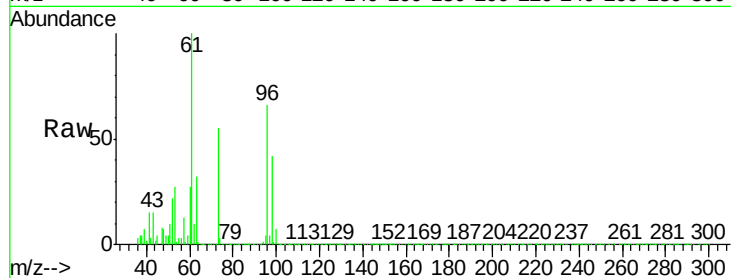
ClientSampleId :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 217711 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 151.7 | 116.9 | 175.3  |
| 98        | 63.6  | 48.6  | 73.0   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 19.448 ug/l

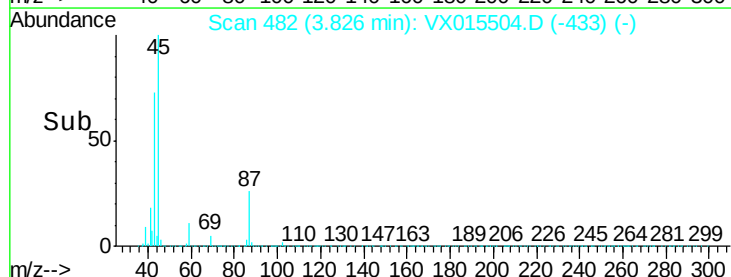
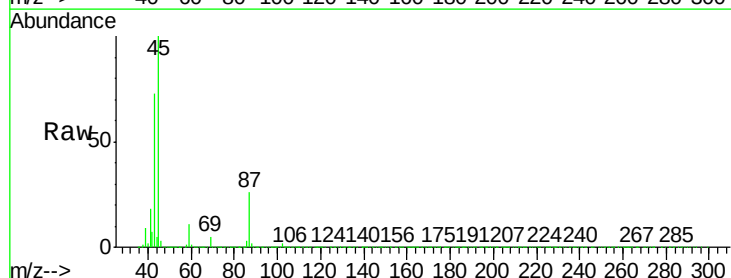
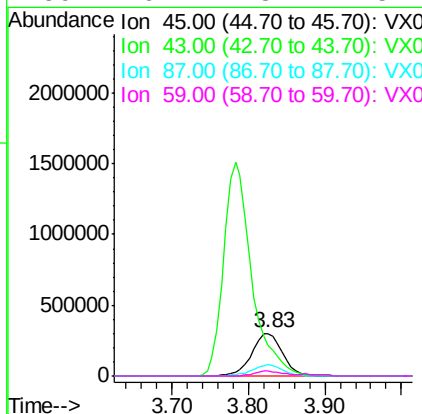
RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

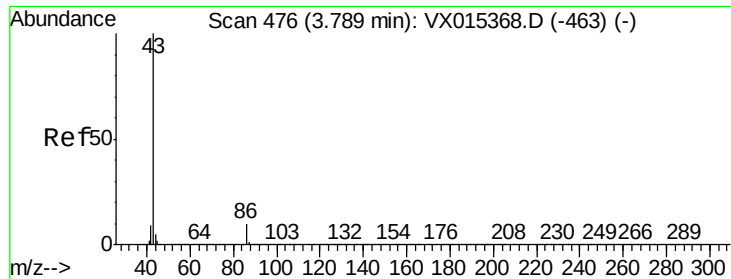
Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 841847 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 73.4  | 64.7  | 97.1   |
| 87        | 25.7  | 19.4  | 29.0   |
| 59        | 10.7  | 8.7   | 13.1   |







#23

Vinyl Acetate

Concen: 98.290 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 43 Resp: 3852311

Ion Ratio Lower Upper

43 100

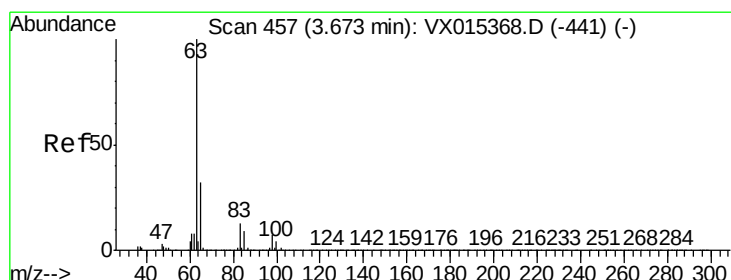
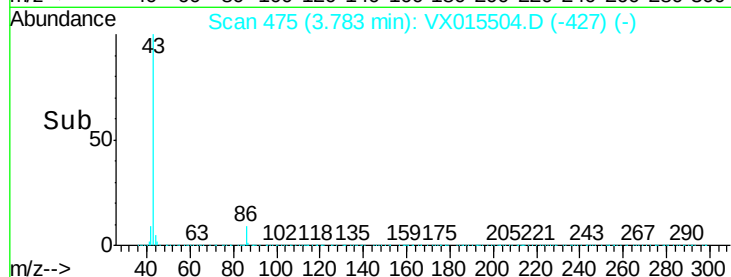
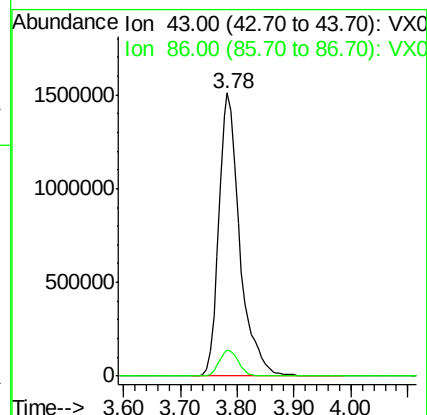
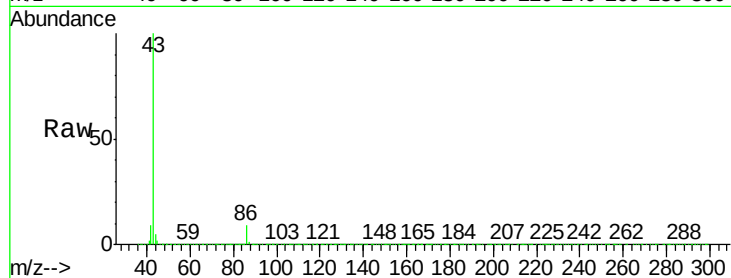
86 9.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.648 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

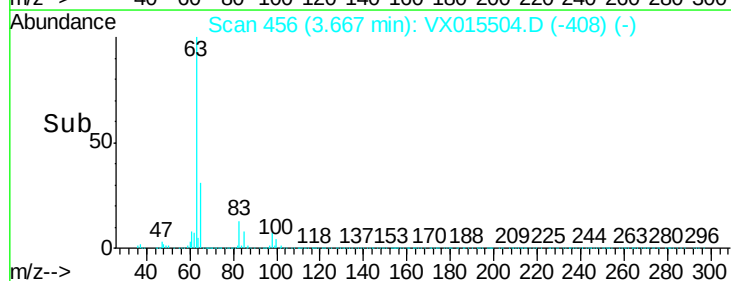
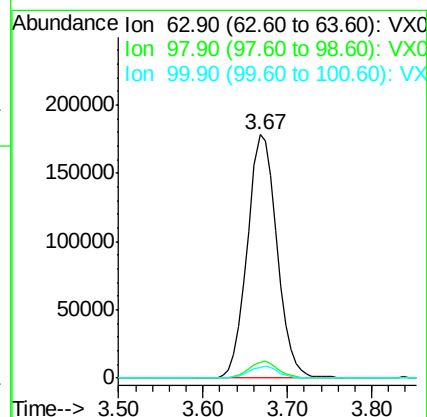
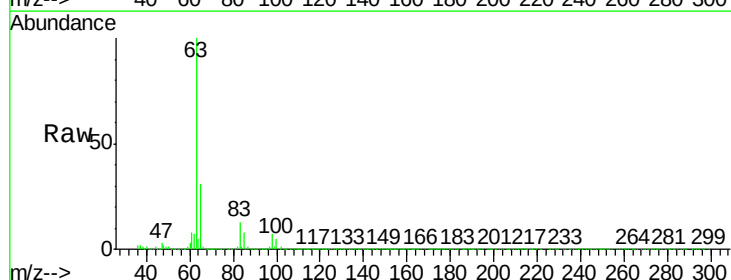
Tgt Ion: 63 Resp: 425029

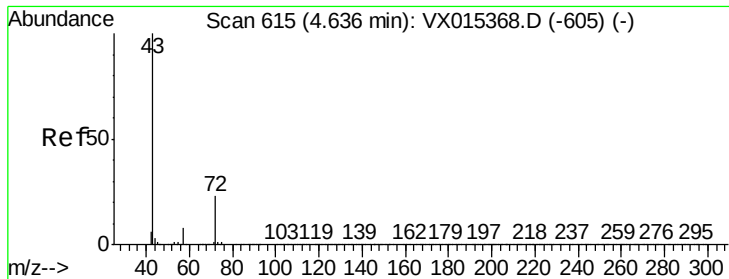
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 91.945 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Tot Ion: 43 Resp: 992211

Ion Ratio Lower Upper

43 100

72 22.7 19.0 28.4

Instrument :

MSVOA\_X

ClientSampleId :

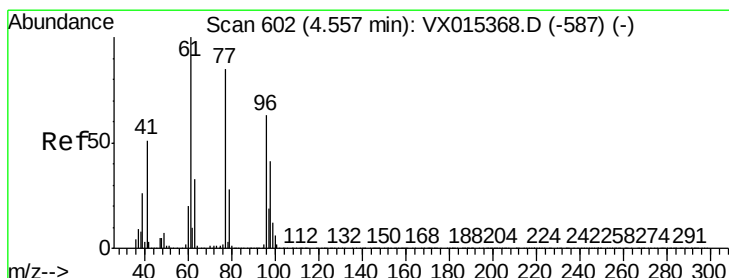
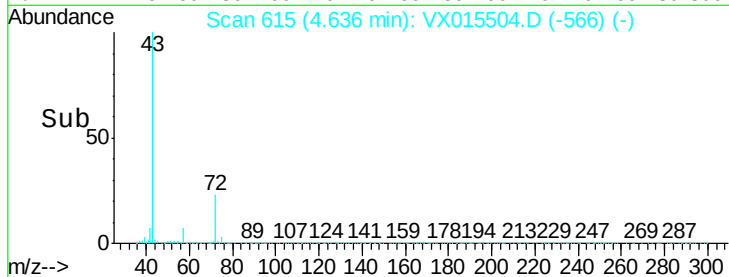
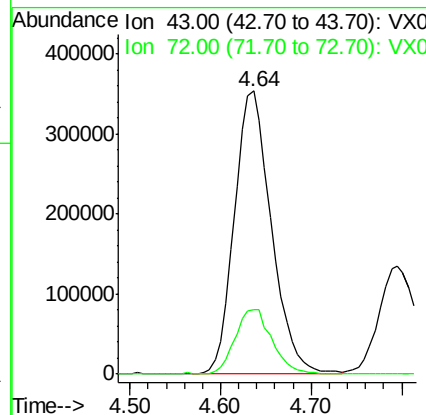
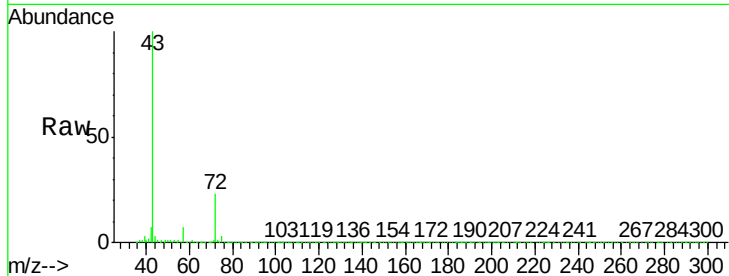
VX0406WBSD01

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#26

2,2-Dichloropropane

Concen: 20.519 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015504.D

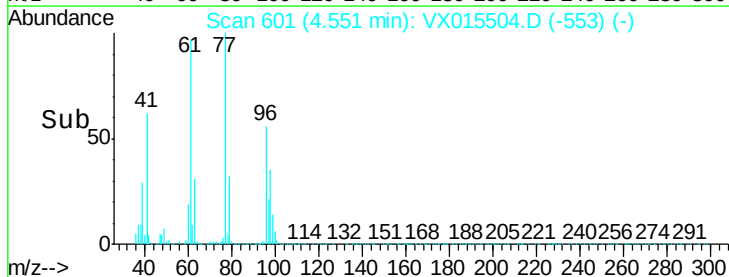
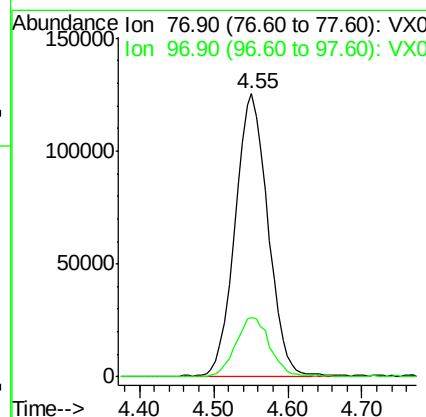
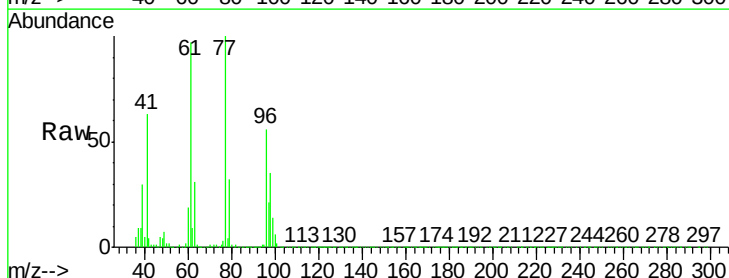
Acq: 06 Apr 2020 12:02

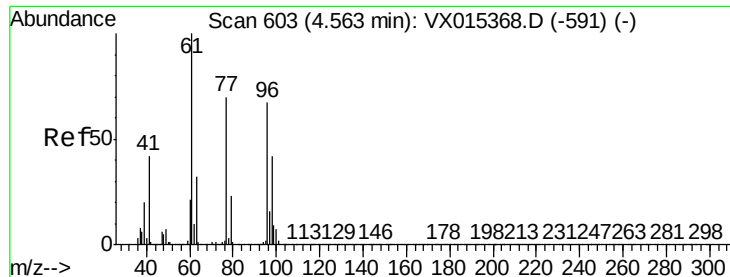
Tgt Ion: 77 Resp: 383871

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

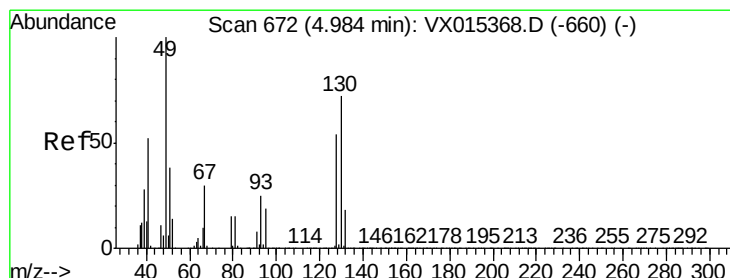
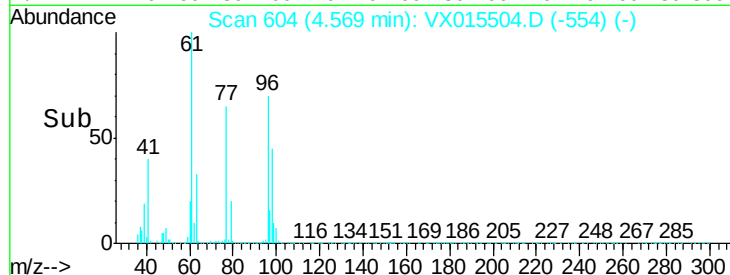
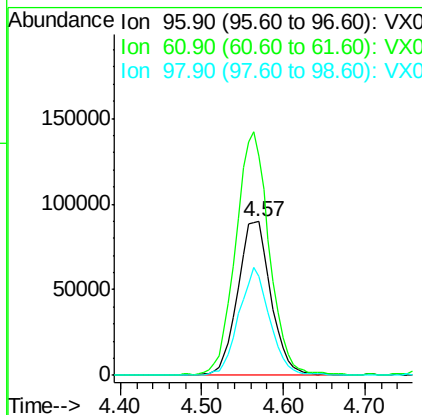
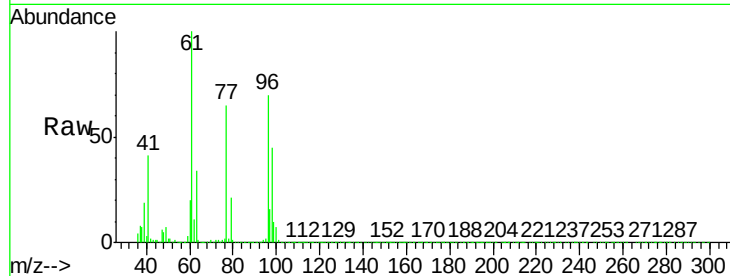
cis-1,2-Dichloroethene  
Concen: 18.758 ug/l  
RT: 4.57 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 251817 |       |       |
| 61      | 159.6 | 0.0    | 308.4 |       |
| 98      | 65.8  | 0.0    | 129.2 |       |

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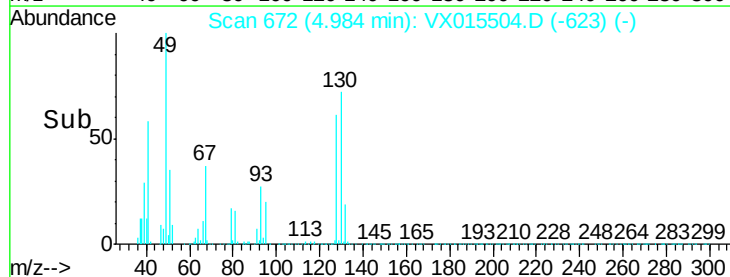
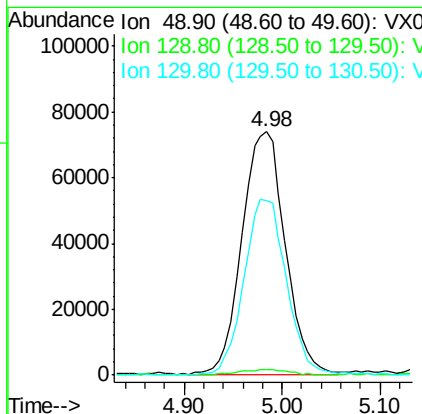
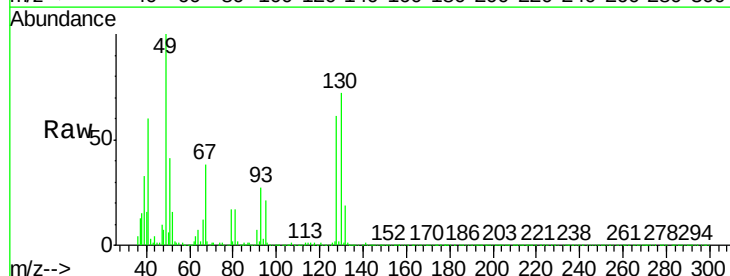
MMDadoda  
4/7/2020 11:59:03 AM

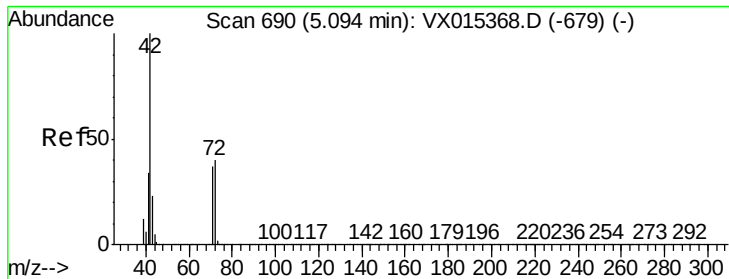


#28

Bromochloromethane  
Concen: 20.728 ug/l  
RT: 4.98 min Scan# 672  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 225564 |       |       |
| 129     | 2.4   | 0.0    | 4.4   |       |
| 130     | 70.7  | 57.7   | 86.5  |       |





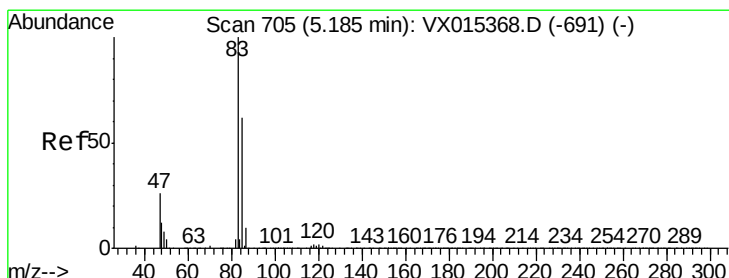
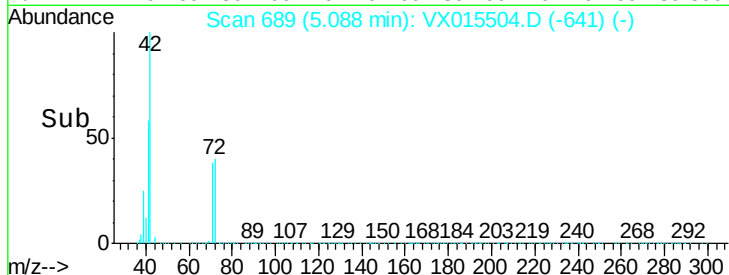
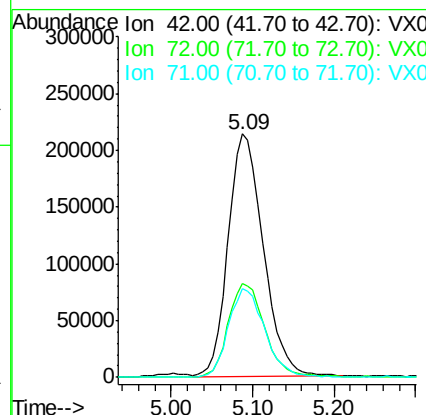
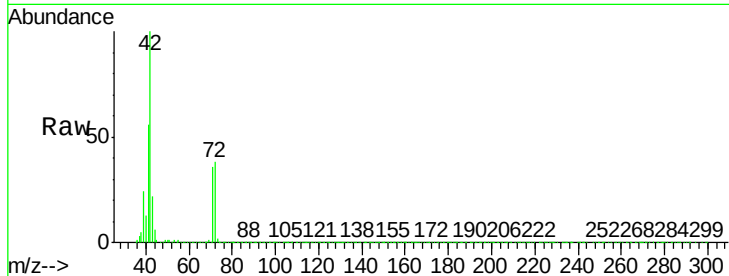
#29  
Tetrahydrofuran  
Concen: 91.884 ug/l  
RT: 5.09 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.8  | 31.7  | 47.5  |
| 71      | 37.2  | 29.6  | 44.4  |

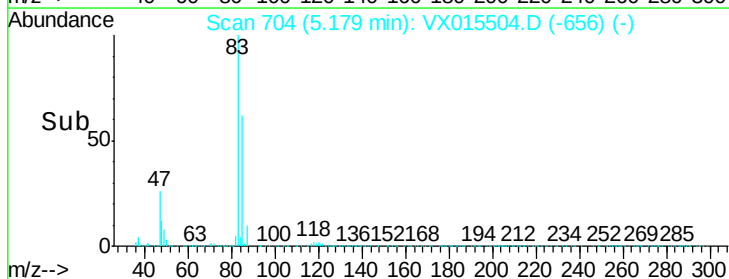
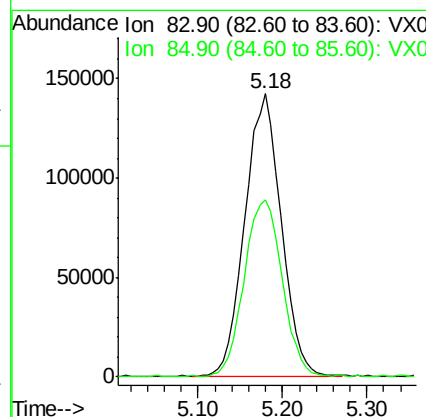
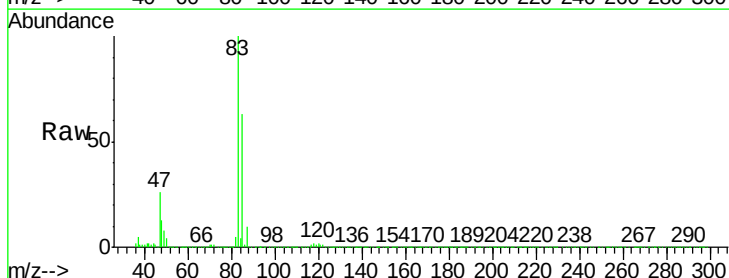
Manual Integrations  
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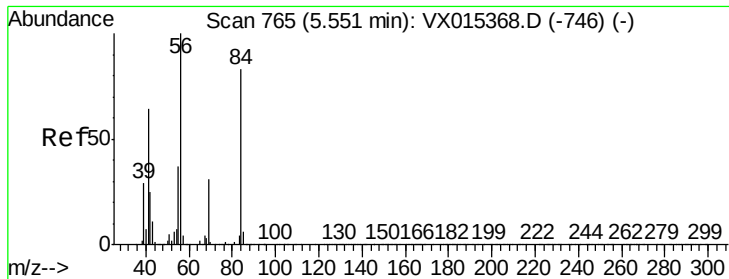
MMDadoda  
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#30  
Chloroform  
Concen: 18.997 ug/l  
RT: 5.18 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.4  | 49.5  | 74.3  |





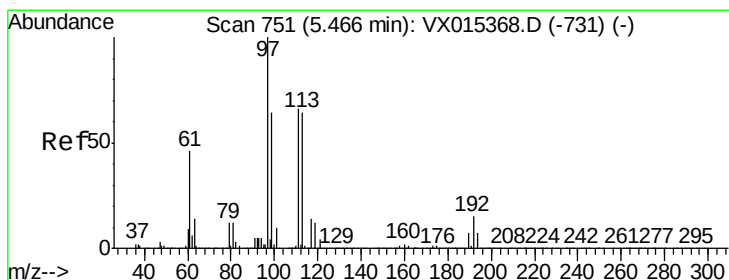
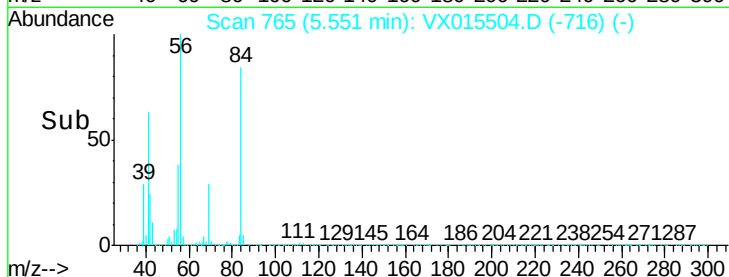
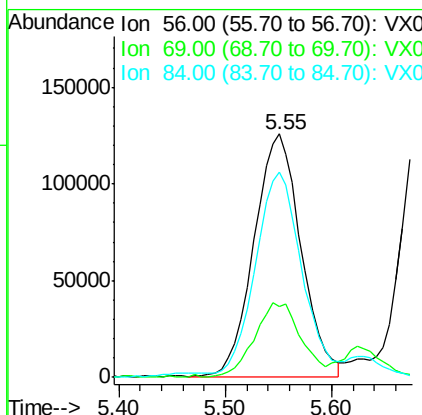
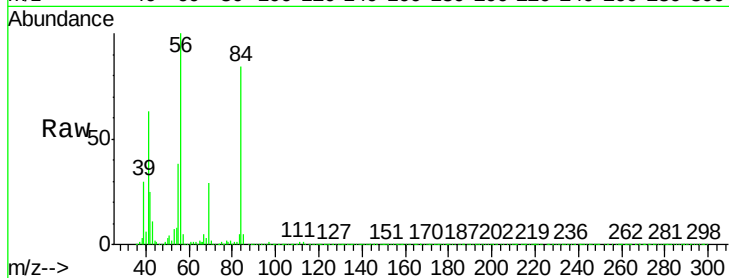
#31  
Cyclohexane  
Concen: 19.428 ug/l  
RT: 5.55 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.0  | 24.6  | 36.8  |
| 84      | 82.6  | 66.1  | 99.1  |

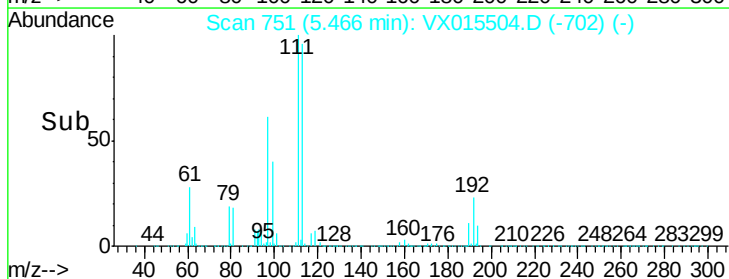
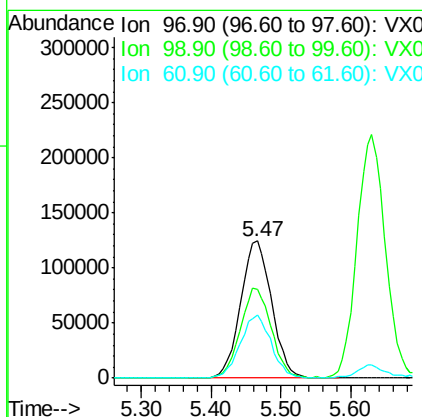
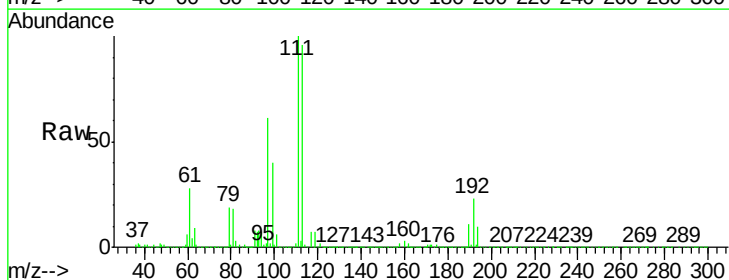
Manual Integrations  
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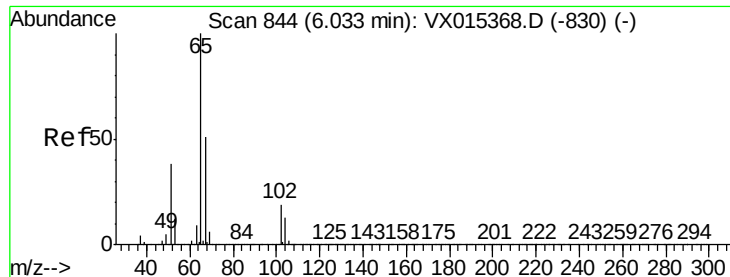
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 19.172 ug/l  
RT: 5.47 min Scan# 751  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.2  | 51.0  | 76.4  |
| 61      | 45.4  | 36.1  | 54.1  |





#33

1,2-Dichloroethane-d4

Concen: 49.341 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampled :

VX0406WBSD01

Tot Ion: 65 Resp: 770648

Ion Ratio Lower Upper

65 100

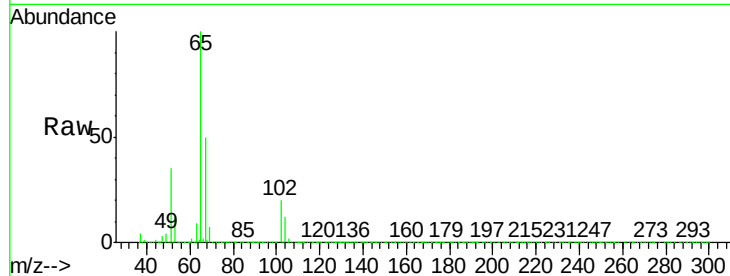
67 51.1 0.0 102.6

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

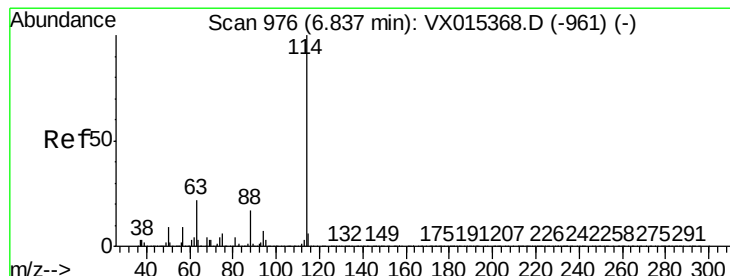
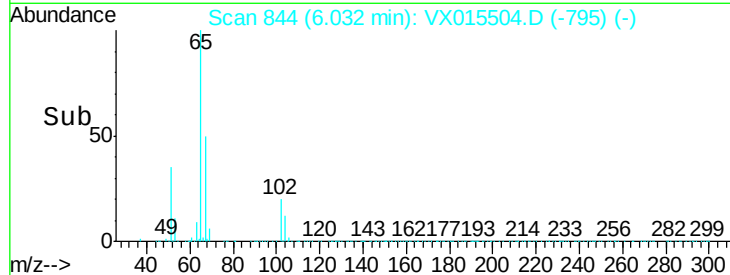
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

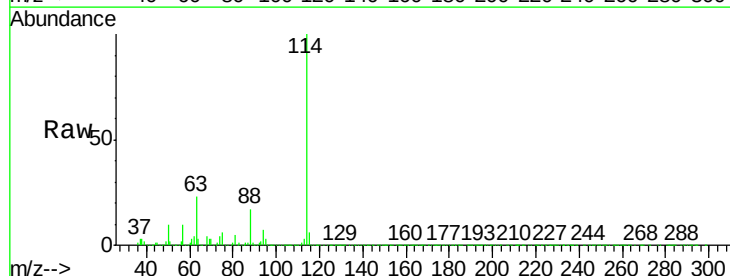
Tgt Ion: 114 Resp: 1683179

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

800000

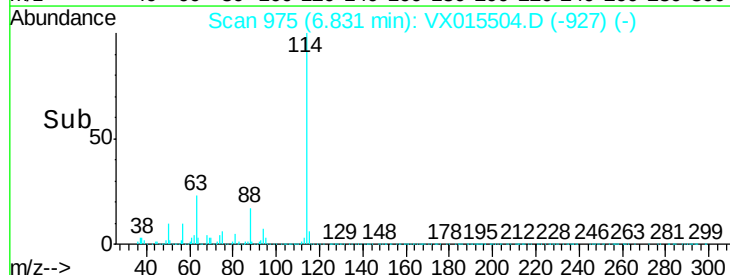
600000

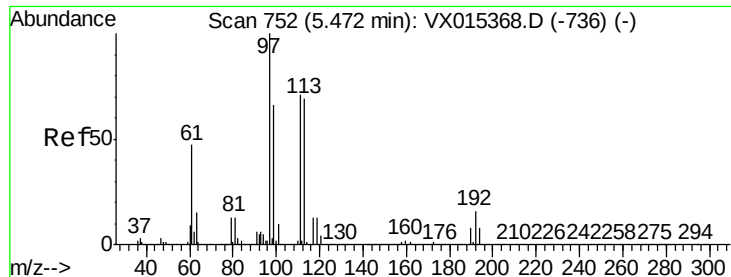
400000

200000

0

Time-->





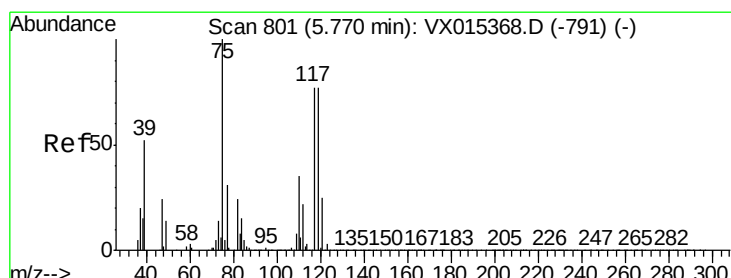
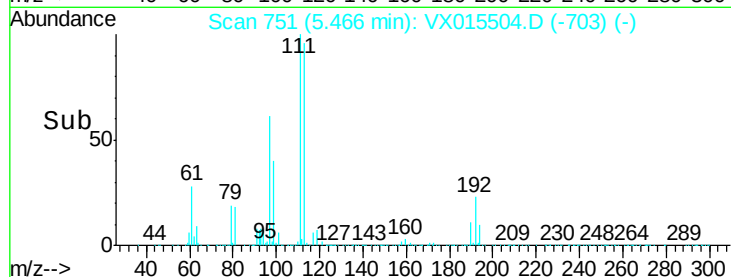
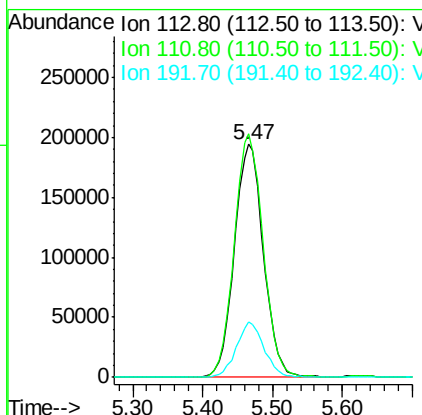
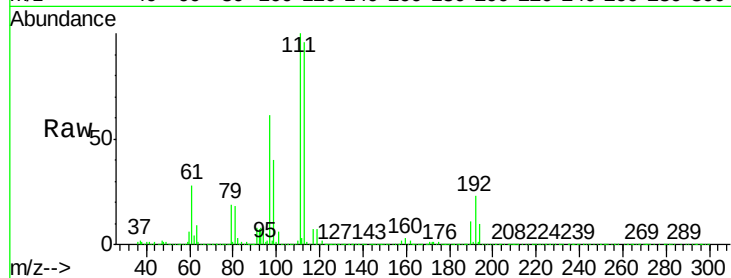
#35  
 Dibromofluoromethane  
 Concen: 51.902 ug/l  
 RT: 5.47 min Scan# 751  
 Delta R.T. -0.01 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 103.5 | 81.5 | 122.3 |       |
| 192     | 22.6  | 17.8 | 26.6  |       |

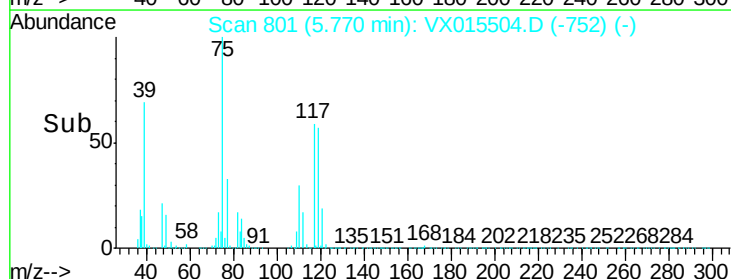
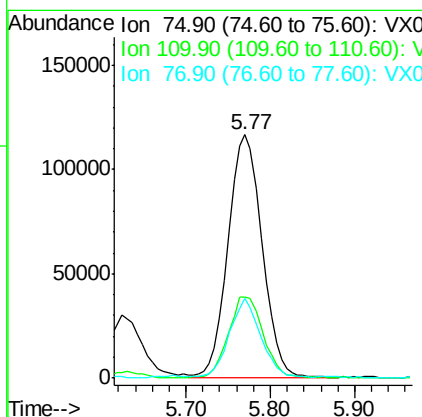
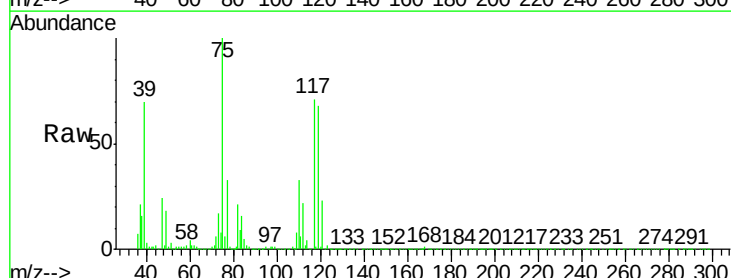
Manual Integrations  
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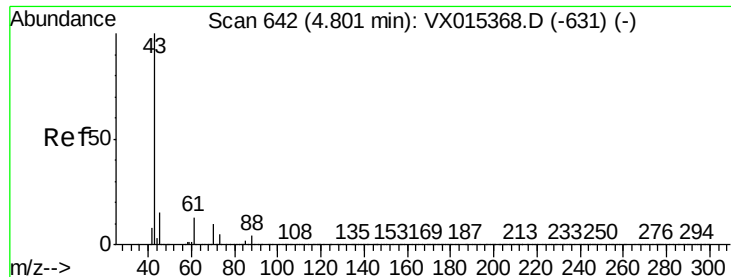
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#36  
 1,1-Dichloropropene  
 Concen: 20.531 ug/l  
 RT: 5.77 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 33.8  | 17.1 | 51.3  |       |
| 77      | 30.0  | 24.6 | 36.8  |       |





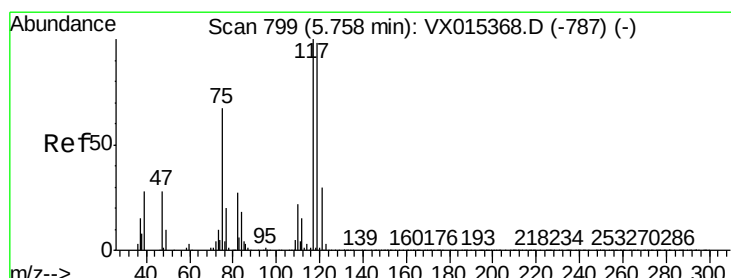
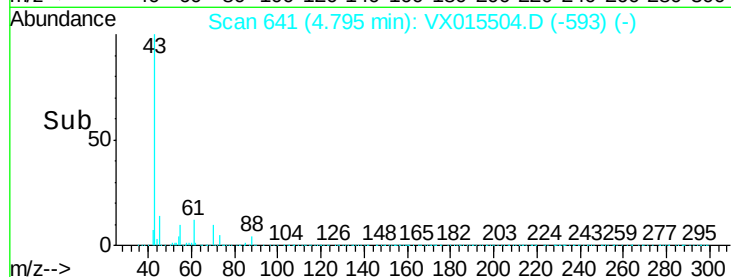
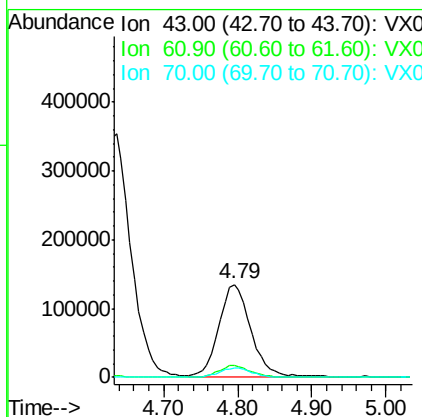
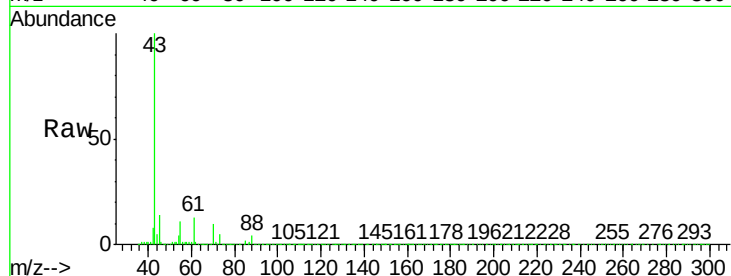
#37  
Ethyl Acetate  
Concen: 19.545 ug/l  
RT: 4.79 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 394685 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 12.1  | 9.9   | 14.9   |
| 70        | 10.7  | 8.1   | 12.1   |

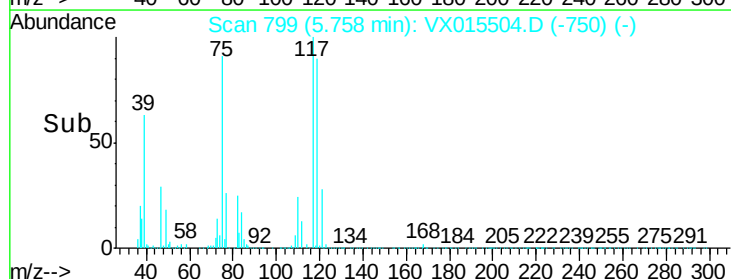
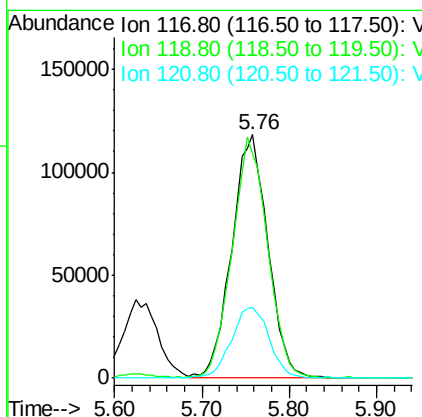
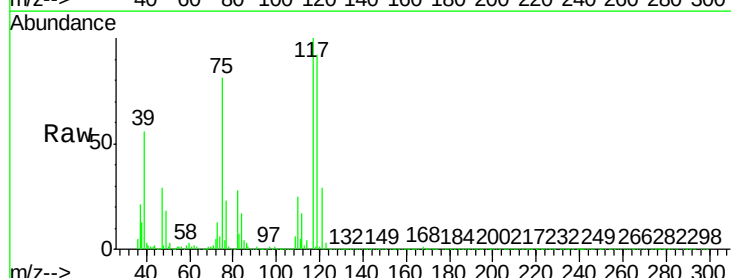
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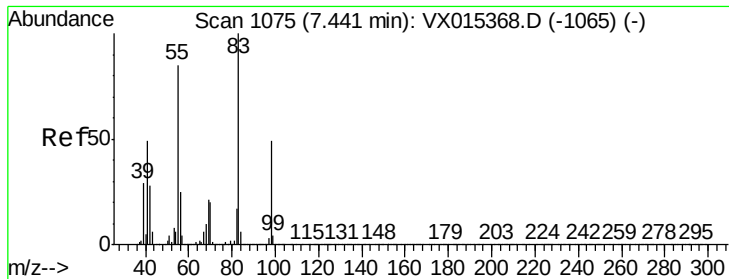


#38  
Carbon Tetrachloride  
Concen: 20.011 ug/l  
RT: 5.76 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 336134 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 92.0  | 78.0  | 117.0  |
| 121       | 29.0  | 23.8  | 35.8   |







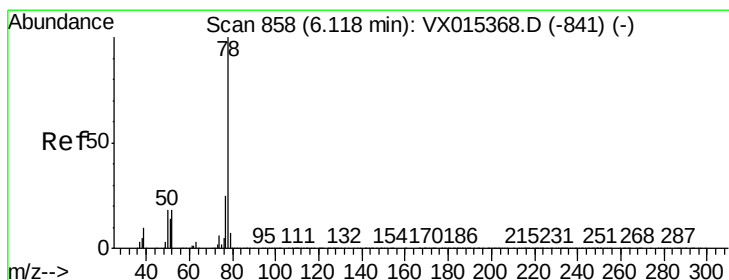
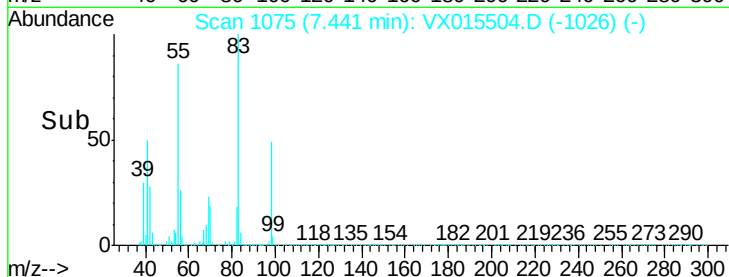
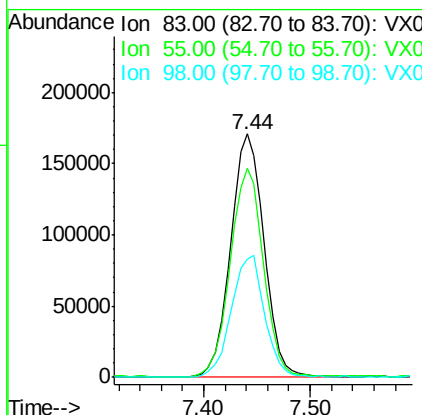
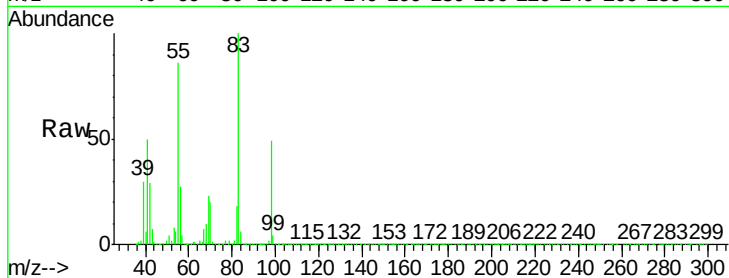
#39  
Methylvlcyclohexane  
Concen: 20.911 ug/l  
RT: 7.44 min Scan# 1075  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 85.7  | 67.8  | 101.6 |
| 98      | 48.7  | 39.3  | 58.9  |

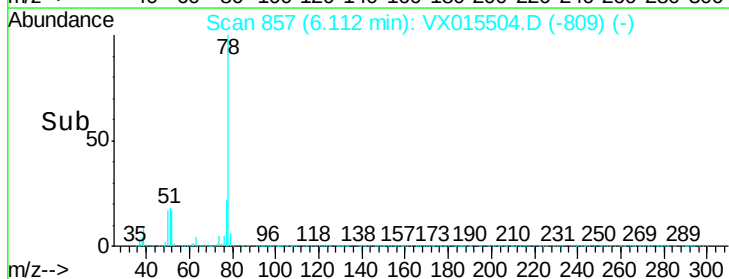
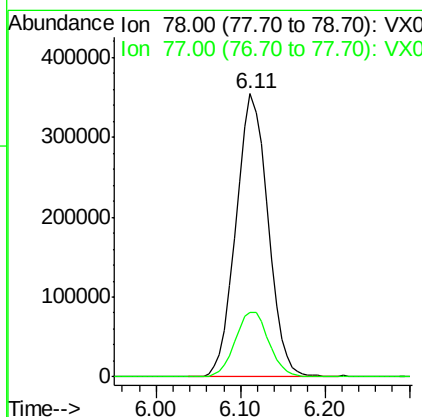
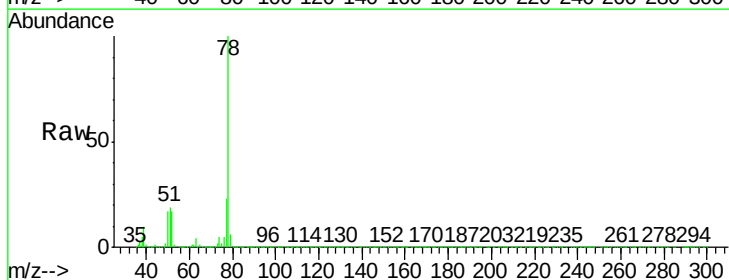
Manual Integrations  
APPROVED

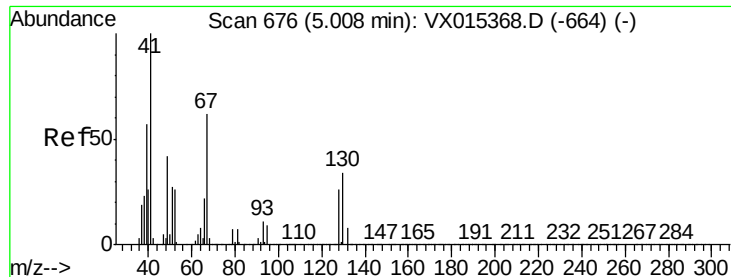
MMDadoda  
4/7/2020 11:59:03 AM



#40  
Benzene  
Concen: 19.986 ug/l  
RT: 6.11 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.6  | 19.8  | 29.8  |





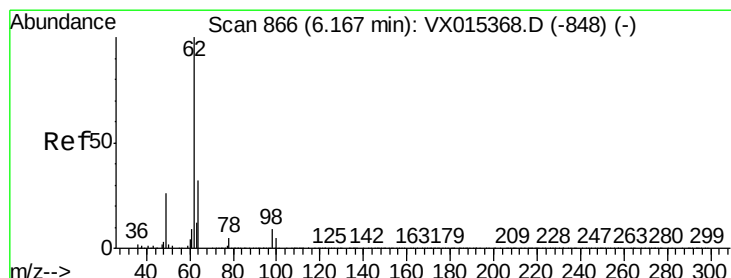
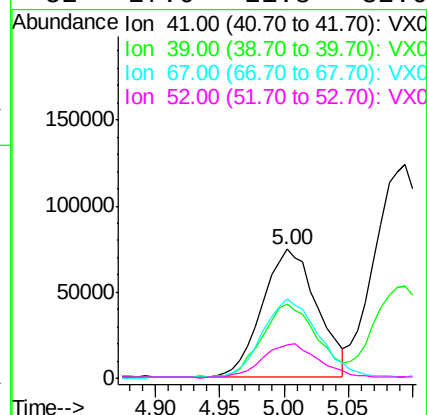
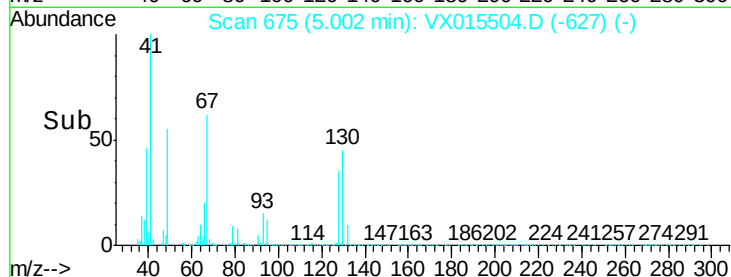
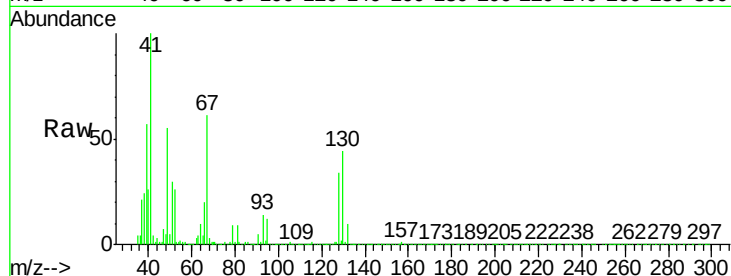
#41  
Methacrylonitrile  
Concen: 19.696 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.6  | 44.5  | 66.7  |
| 67      | 62.6  | 48.9  | 73.3  |
| 52      | 27.6  | 21.8  | 32.6  |

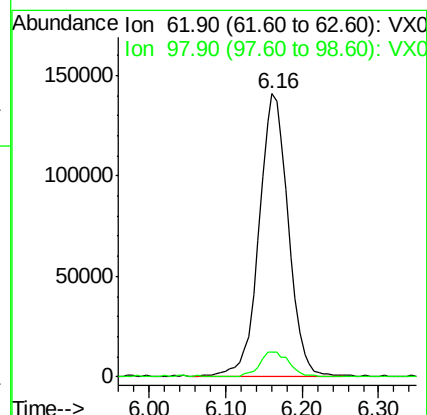
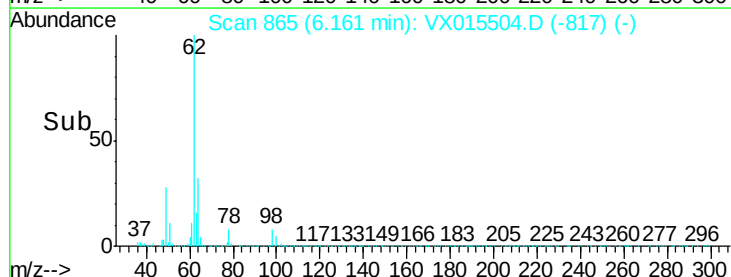
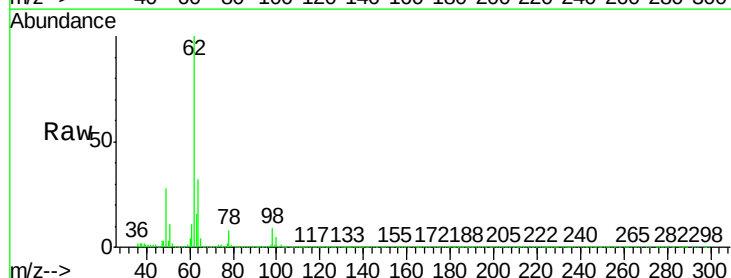
Manual Integrations  
APPROVED

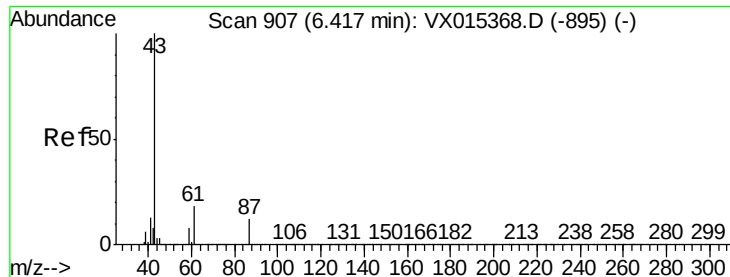
MMDadoda  
4/7/2020 11:59:03 AM



#42  
1,2-Dichloroethane  
Concen: 20.403 ug/l  
RT: 6.16 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.3   | 0.0   | 17.6  |





#43

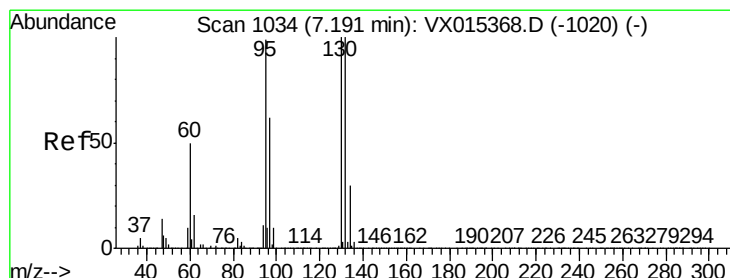
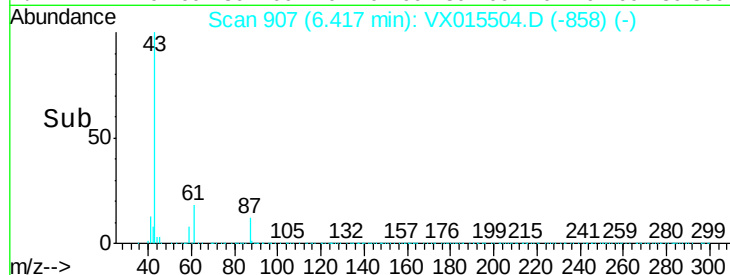
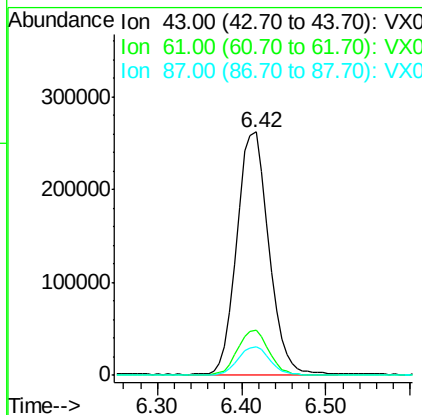
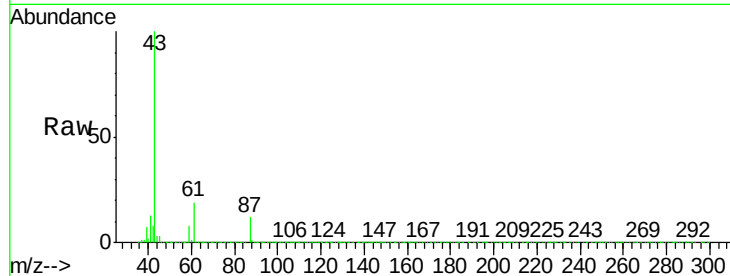
Isopropyl Acetate  
 Concen: 19.652 ug/l  
 RT: 6.42 min Scan# 907  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.2  | 14.8  | 22.2  |
| 87      | 11.6  | 9.4   | 14.0  |

Manual Integrations  
 APPROVED

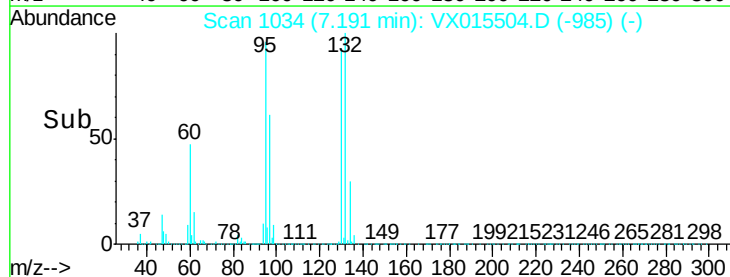
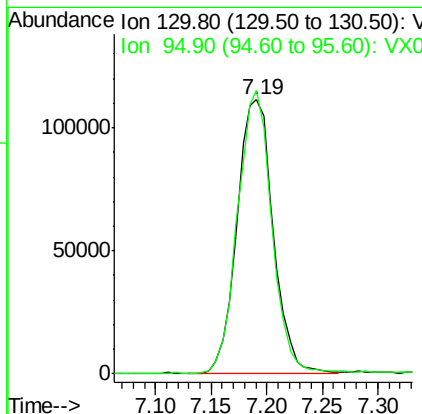
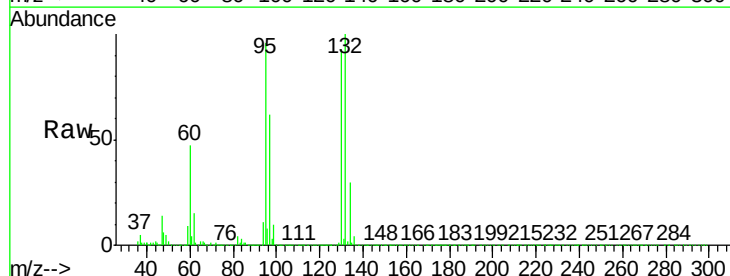
MMDadoda  
 4/7/2020 11:59:03 AM

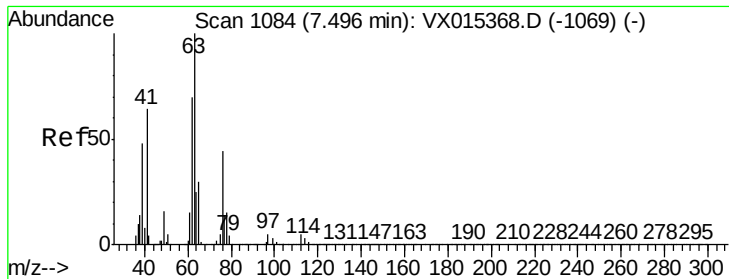


#44

Trichloroethene  
 Concen: 20.222 ug/l  
 RT: 7.19 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.1 | 0.0   | 199.0 |





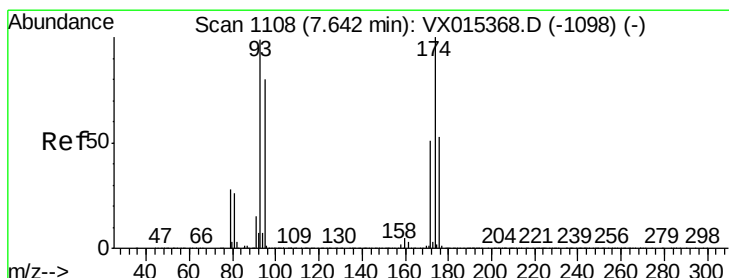
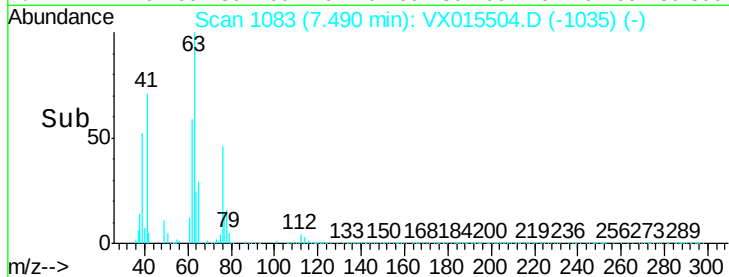
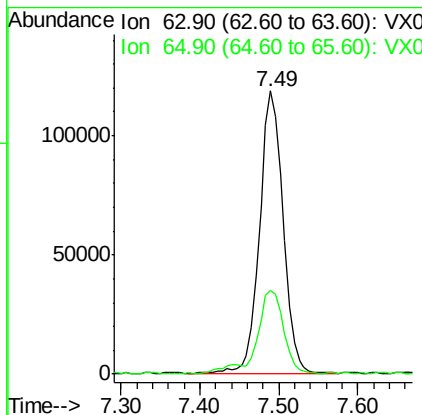
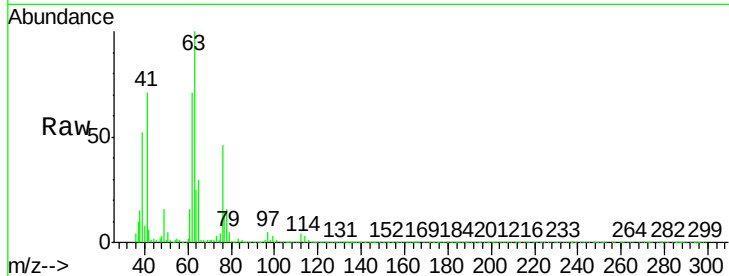
#45  
 1,2-Dichloropropane  
 Concen: 19.788 ug/l  
 RT: 7.49 min Scan# 1083  
 Delta R.T. -0.01 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 245913 |       |       |
| 65      | 29.5  |        | 23.9  | 35.9  |

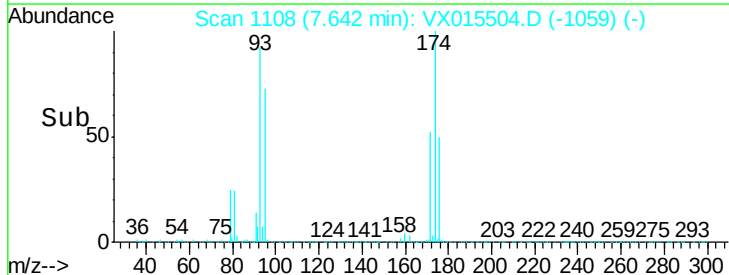
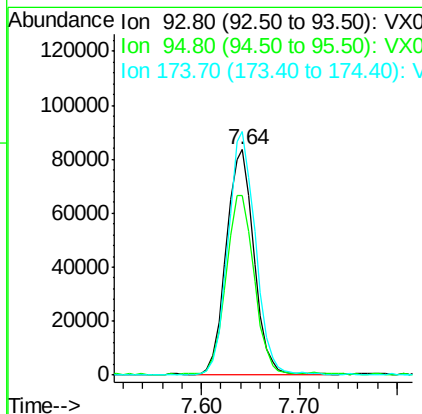
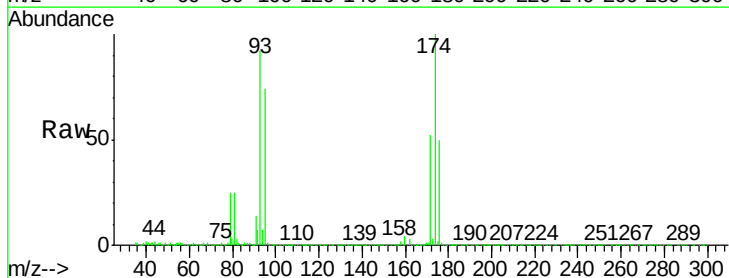
Manual Integrations  
 APPROVED

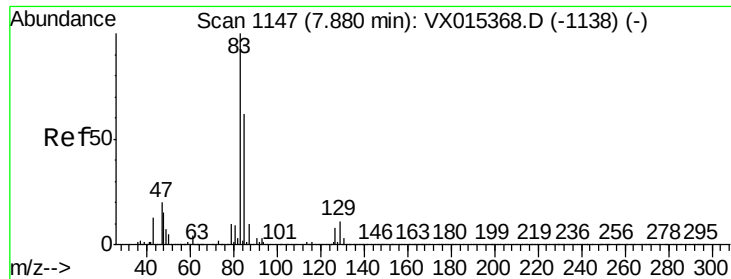
MMDadoda  
 4/7/2020 11:59:03 AM



#46  
 Dibromomethane  
 Concen: 19.924 ug/l  
 RT: 7.64 min Scan# 1108  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 162427 |       |       |
| 95      | 81.8  |        | 65.8  | 98.8  |
| 174     | 108.7 |        | 86.2  | 129.2 |





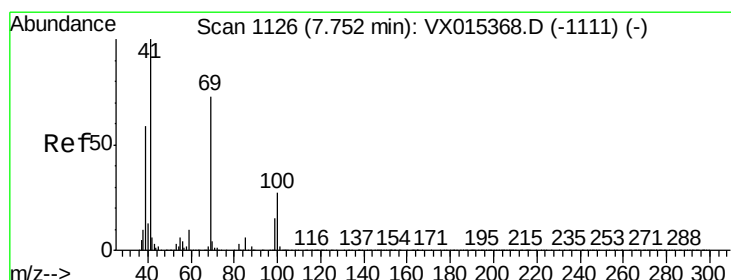
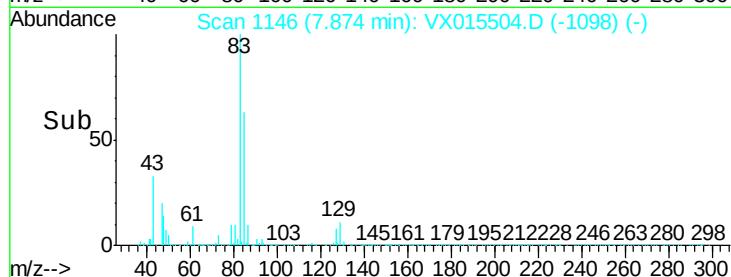
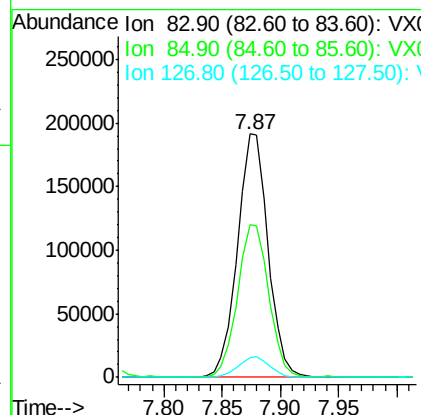
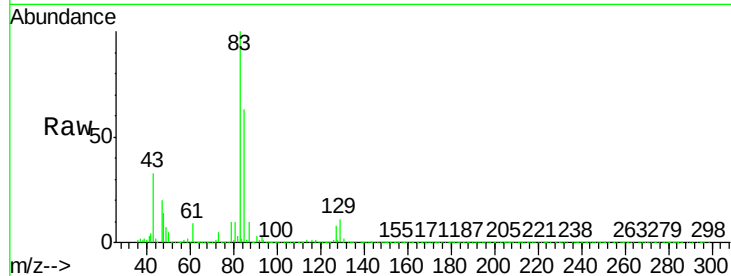
#47  
Bromodichloromethane  
Concen: 20.127 ug/l  
RT: 7.87 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | 83    | Resp  | 349629 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 85      | 62.6  | 49.7  | 74.5   |
| 127     | 7.8   | 6.7   | 10.1   |

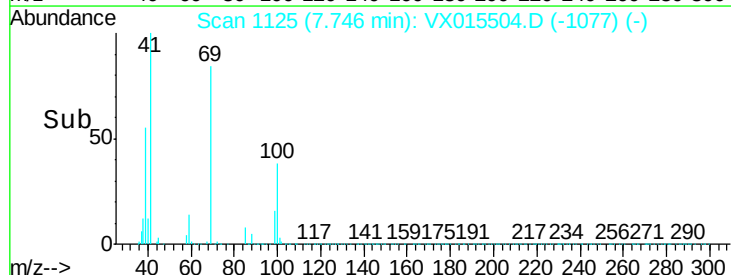
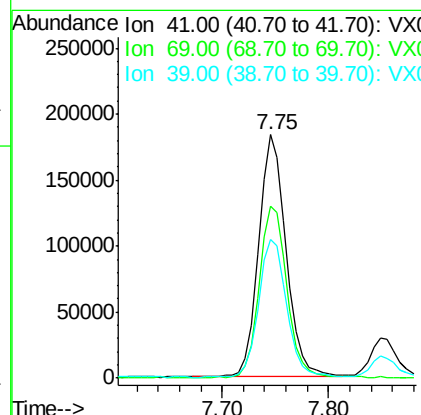
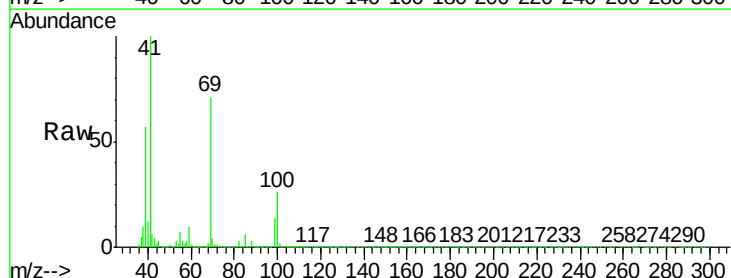
Manual Integrations  
APPROVED

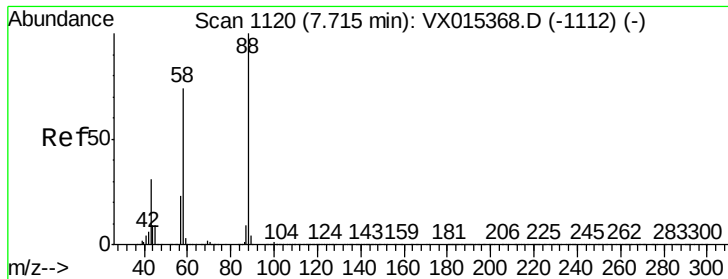
MMDadoda  
4/7/2020 11:59:03 AM



#48  
Methyl methacrylate  
Concen: 19.534 ug/l  
RT: 7.75 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | 41    | Resp  | 332609 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 69      | 72.4  | 56.7  | 85.1   |
| 39      | 58.4  | 46.5  | 69.7   |





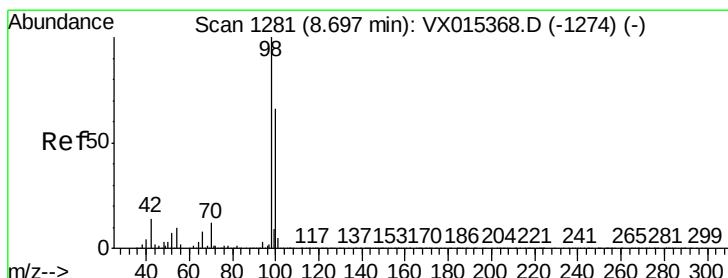
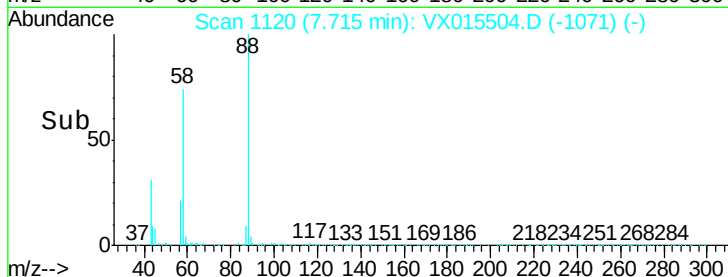
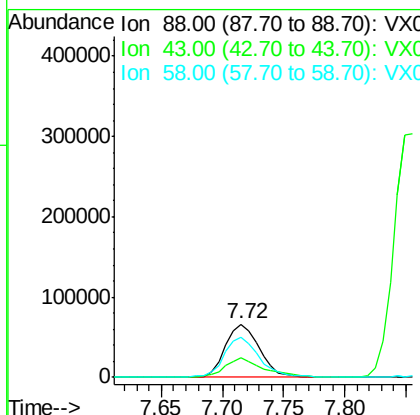
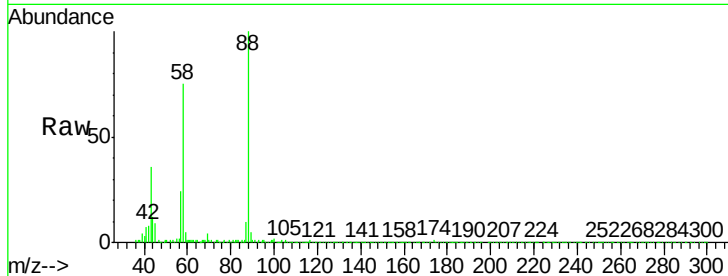
#49  
1,4-Dioxane  
Concen: 403.221 ug/l  
RT: 7.72 min Scan# 1120  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.9  | 30.1  | 45.1  |
| 58      | 76.0  | 60.6  | 90.8  |

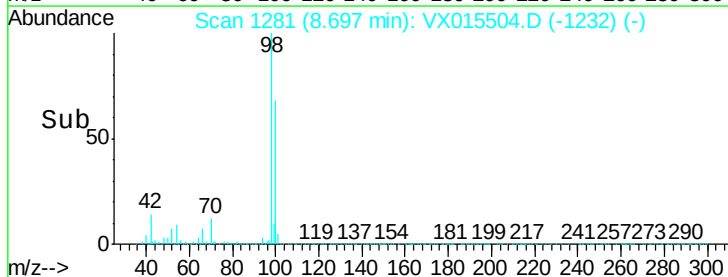
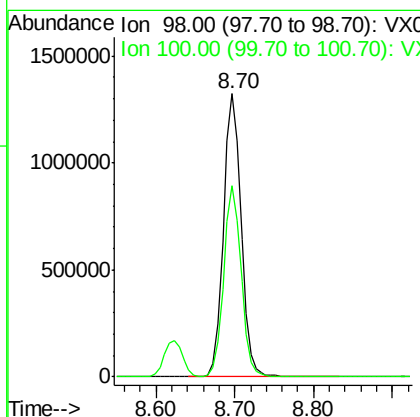
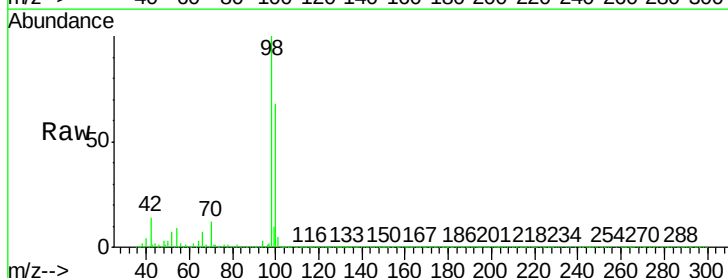
Manual Integrations  
APPROVED

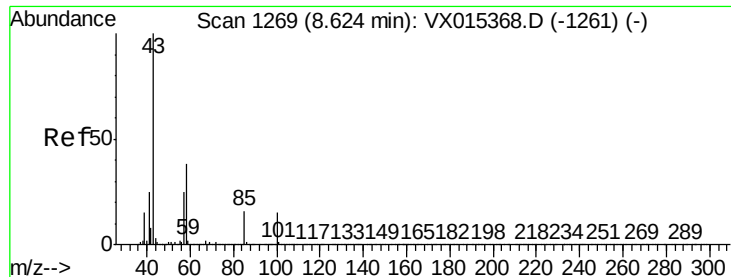
MMDadoda  
4/7/2020 11:59:03 AM



#50  
Toluene-d8  
Concen: 51.836 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.7  | 53.5  | 80.3  |





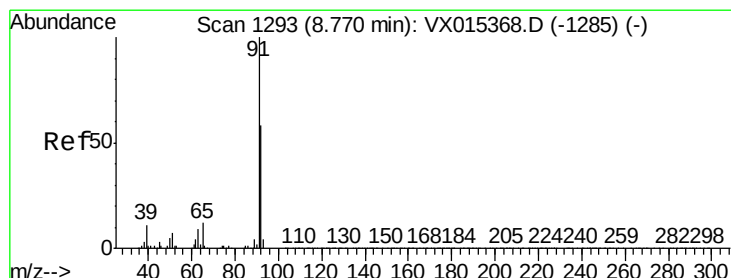
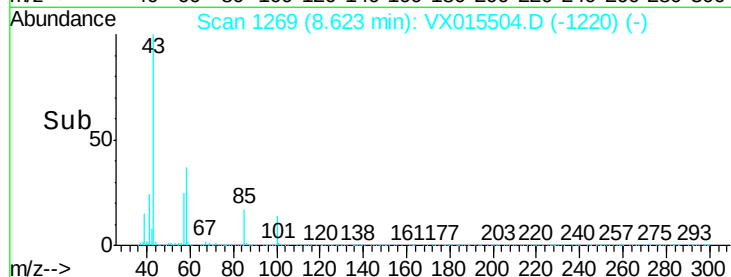
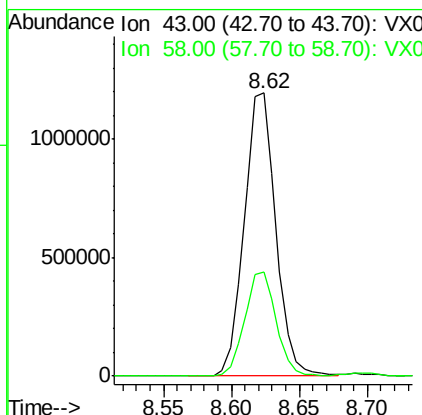
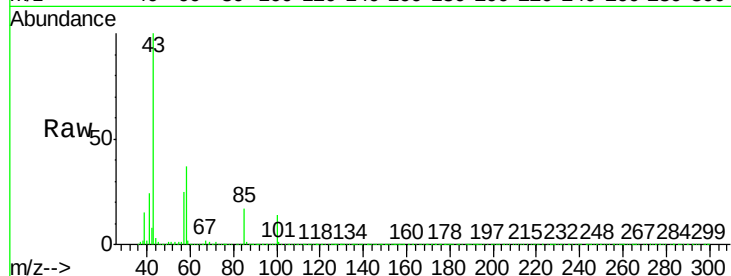
#51  
4-Methyl-2-Pentanone  
Concen: 100.538 ug/l  
RT: 8.62 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

Tot Ion: 43 Resp: 1942262  
Ion Ratio Lower Upper  
43 100  
58 36.6 29.7 44.5

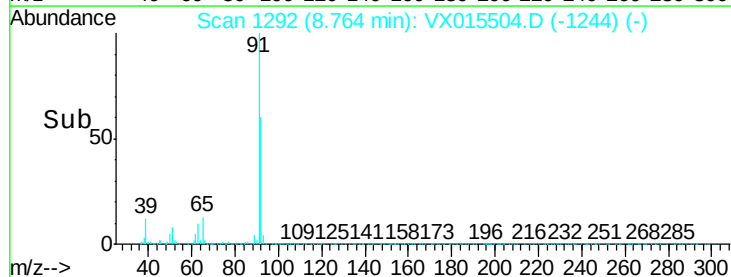
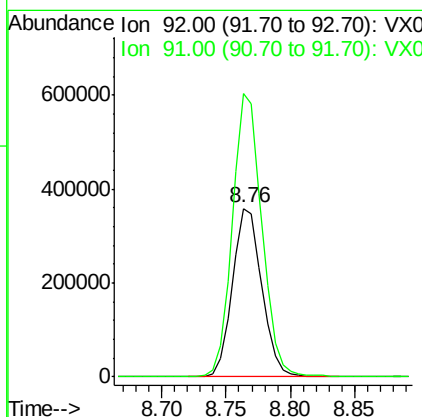
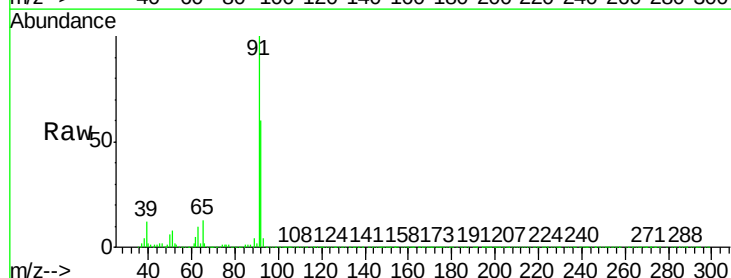
Manual Integrations  
APPROVED

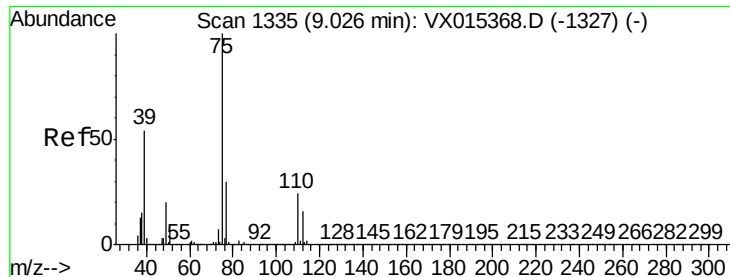
MMDadoda  
4/7/2020 11:59:03 AM



#52  
Toluene  
Concen: 20.382 ug/l  
RT: 8.76 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Tgt Ion: 92 Resp: 570854  
Ion Ratio Lower Upper  
92 100  
91 168.4 136.6 205.0





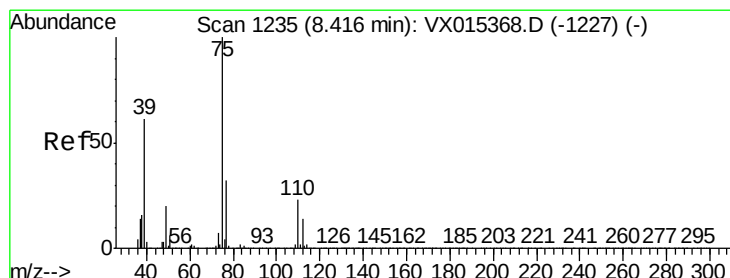
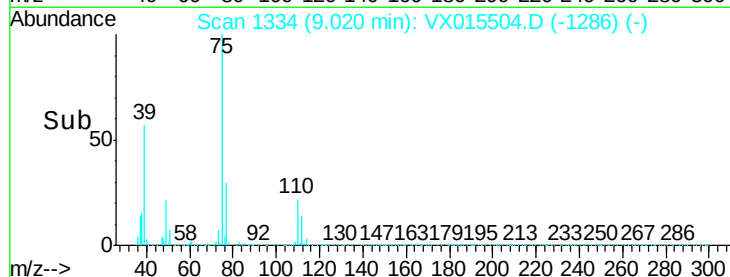
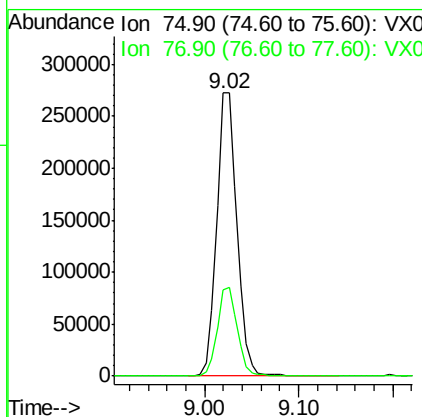
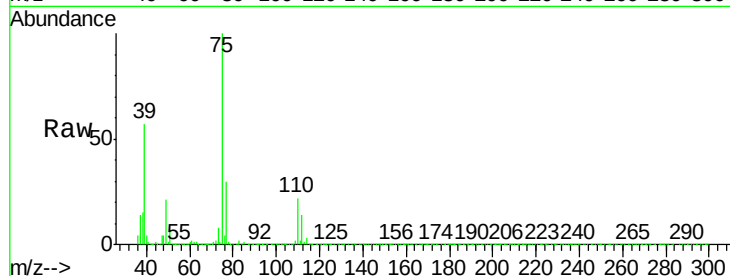
#53  
t-1,3-Dichloropropene  
Concen: 19.957 ug/l  
RT: 9.02 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.0  | 24.1  | 36.1  |

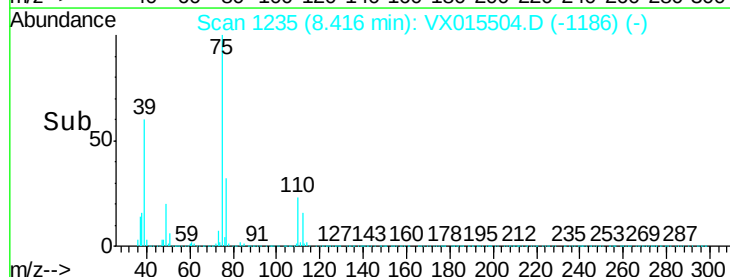
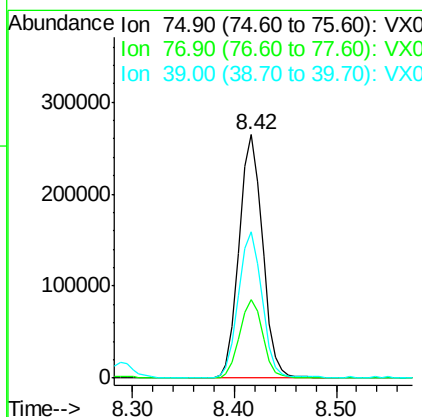
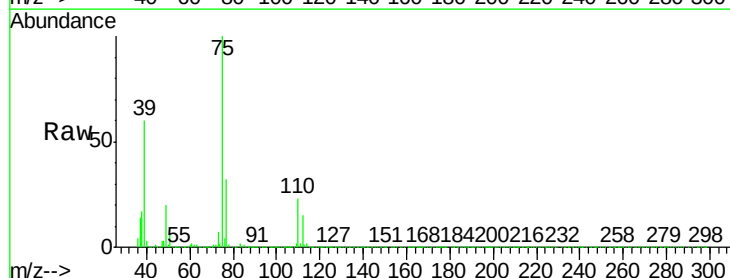
Manual Integrations  
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MMDadoda  
4/7/2020 11:59:03 AM

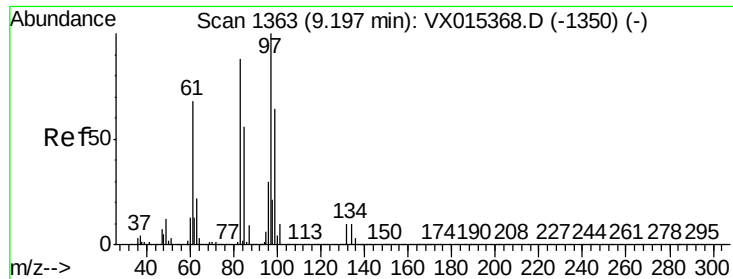


#54  
cis-1,3-Dichloropropene  
Concen: 20.226 ug/l  
RT: 8.42 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.0  | 25.8  | 38.6  |
| 39      | 59.9  | 49.0  | 73.4  |







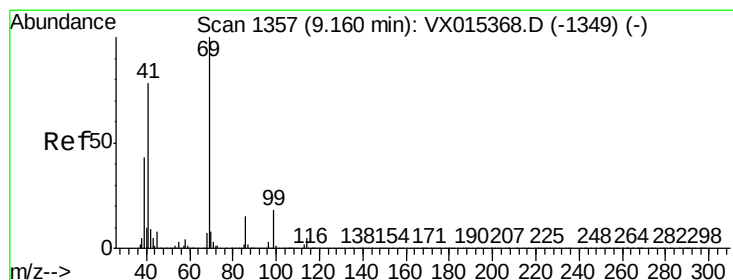
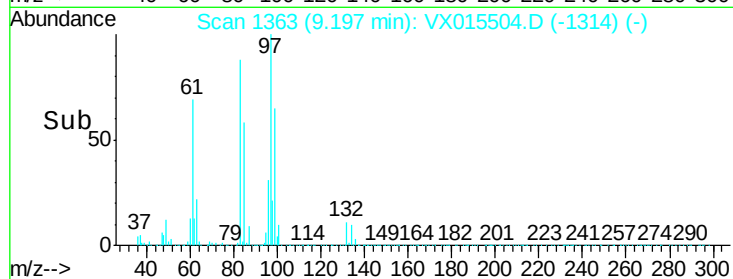
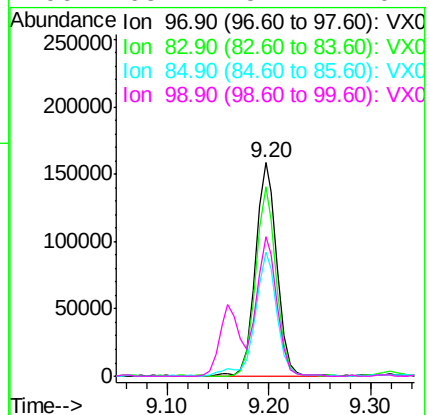
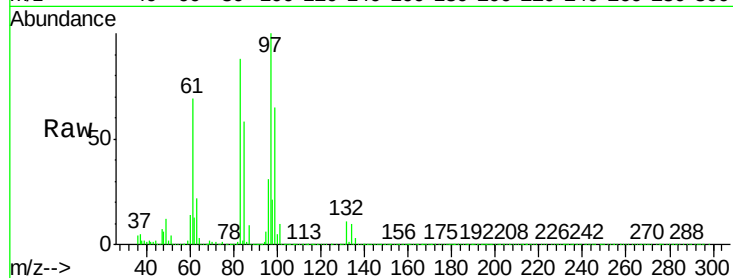
#55  
 1,1,2-Trichloroethane  
 Concen: 20.319 ug/l  
 RT: 9.20 min Scan# 1363  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 233164 |       |       |
| 83      | 88.4 | 70.2  | 105.4  |       |       |
| 85      | 57.8 | 44.7  | 67.1   |       |       |
| 99      | 65.1 | 51.1  | 76.7   |       |       |

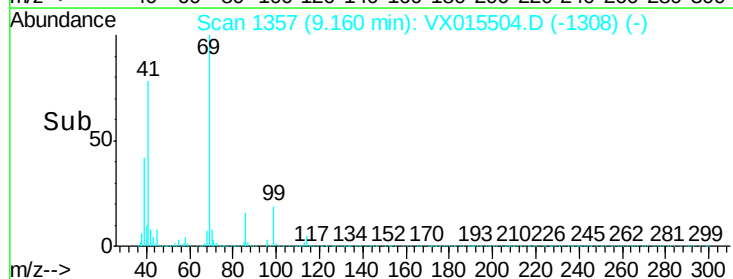
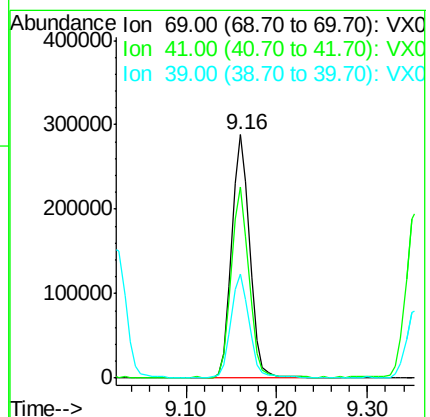
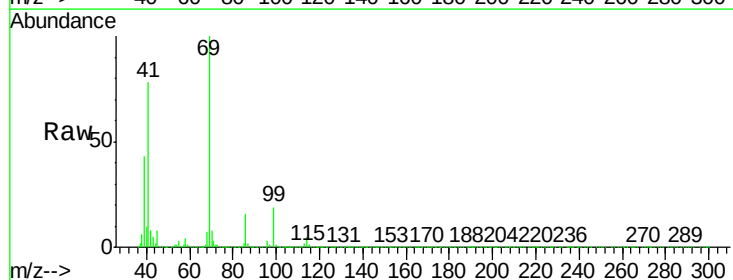
Manual Integrations  
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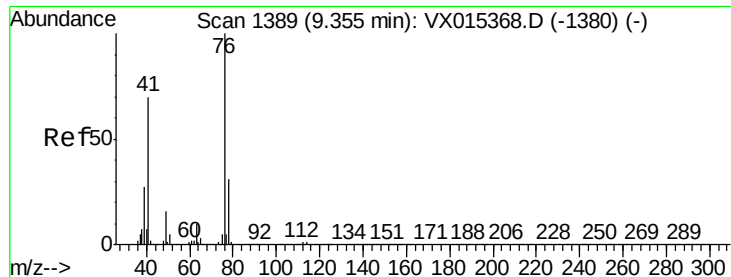
MMDadoda  
 4/7/2020 11:59:03 AM



#56  
 Ethyl methacrylate  
 Concen: 19.694 ug/l  
 RT: 9.16 min Scan# 1357  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 398272 |       |       |
| 41      | 77.3 | 61.6  | 92.4   |       |       |
| 39      | 42.9 | 34.0  | 51.0   |       |       |





#57

1,3-Dichloropropane

Concen: 19.805 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 76 Resp: 409459

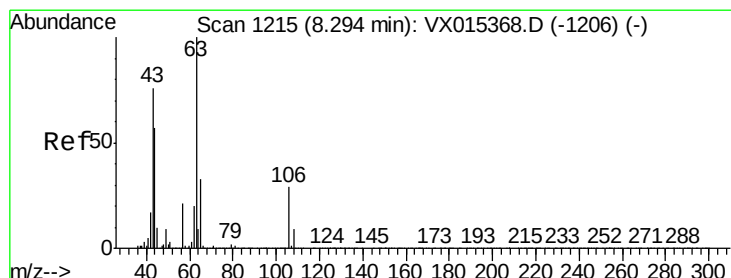
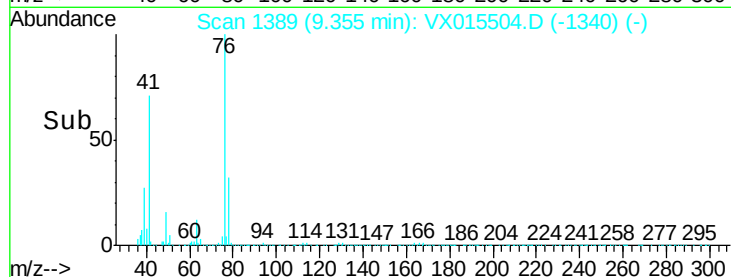
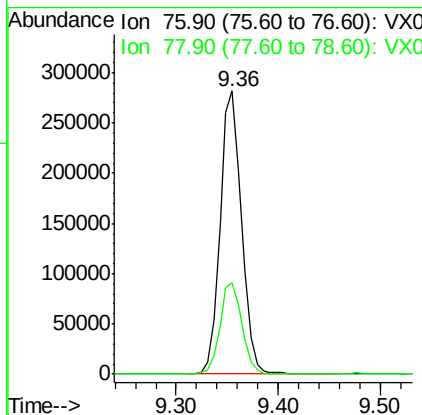
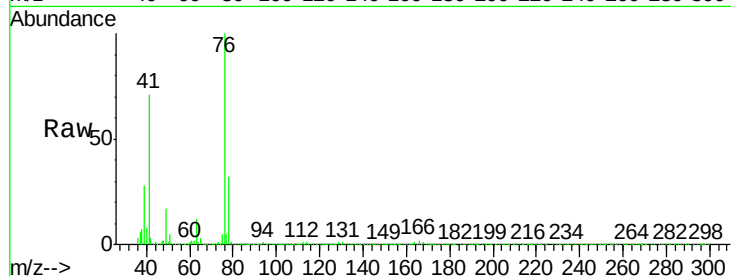
Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8

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4/7/2020 11:59:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.734 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015504.D

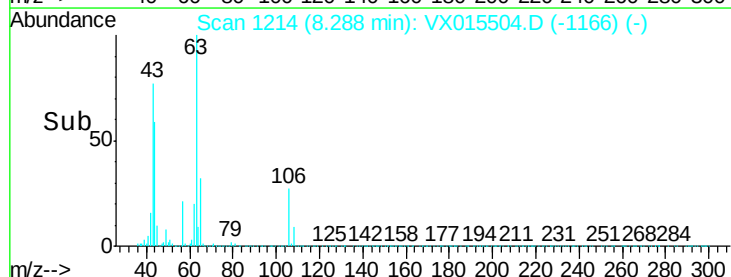
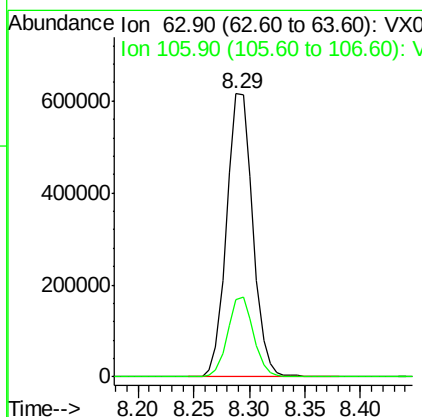
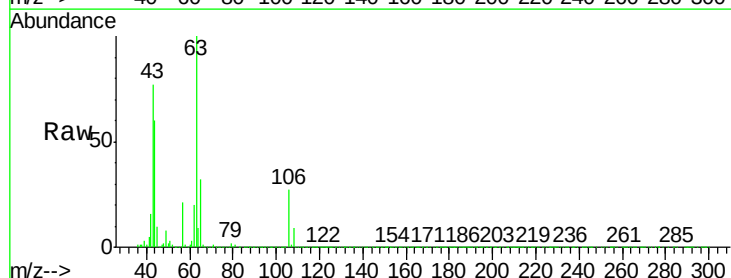
Acq: 06 Apr 2020 12:02

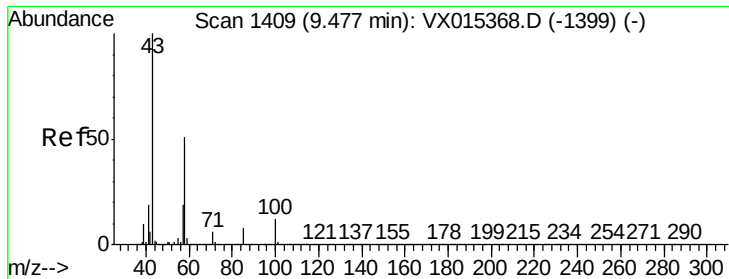
Tgt Ion: 63 Resp: 1000730

Ion Ratio Lower Upper

63 100

106 27.5 22.7 34.1





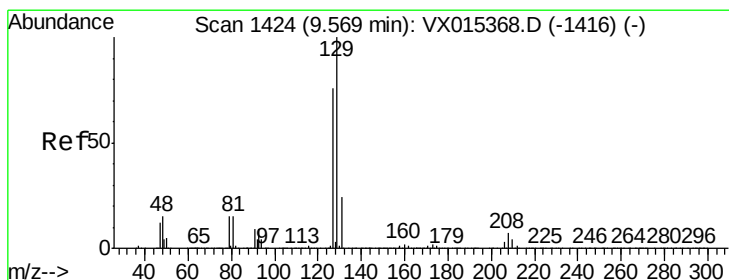
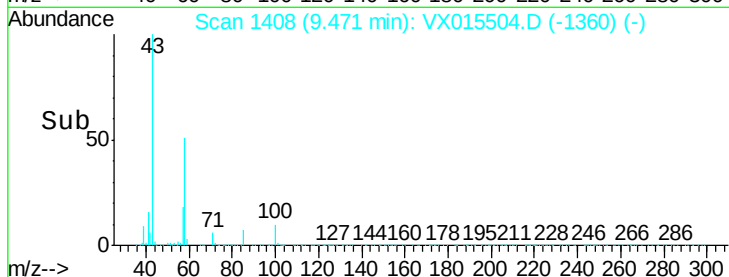
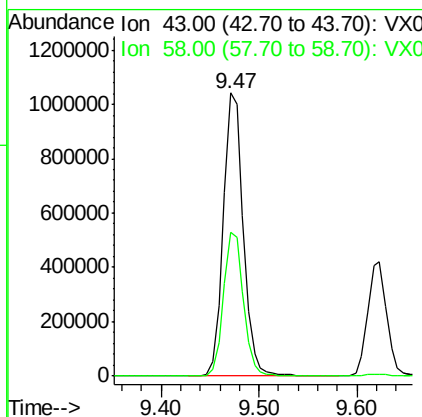
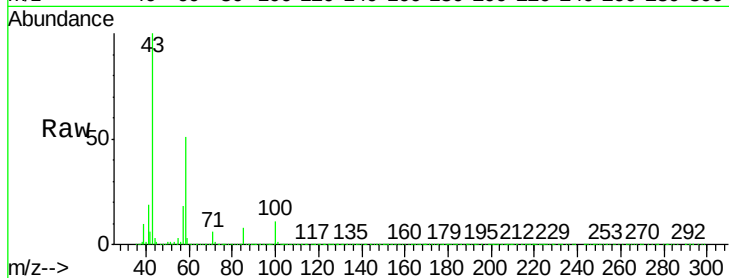
#59  
2-Hexanone  
Concen: 100.970 ug/l  
RT: 9.47 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

Tot Ion: 43 Resp: 1472668  
Ion Ratio Lower Upper  
43 100  
58 50.9 25.6 76.6

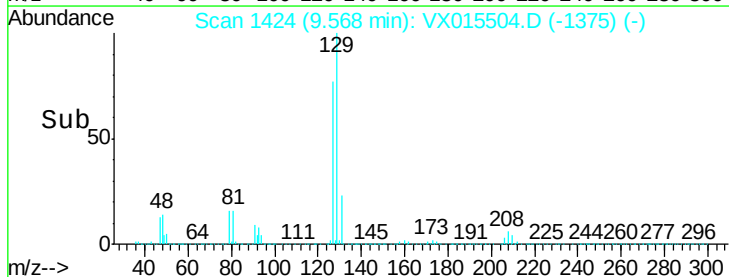
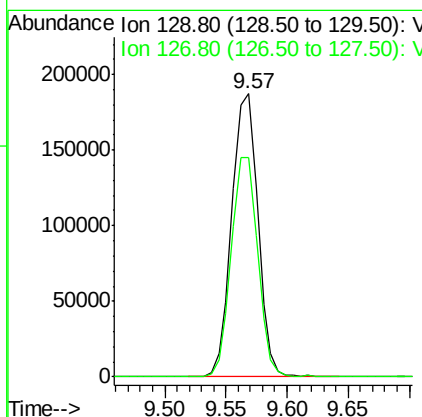
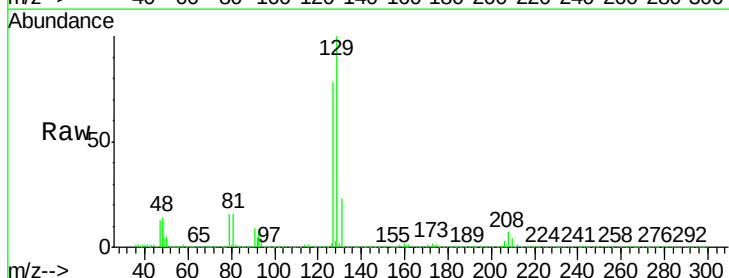
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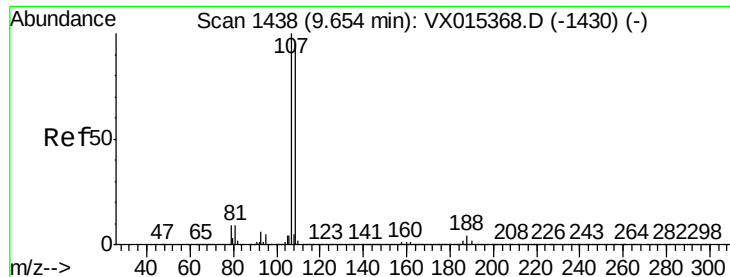
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.019 ug/l  
RT: 9.57 min Scan# 1424  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Tgt Ion: 129 Resp: 276035  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.077 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 107 Resp: 250507

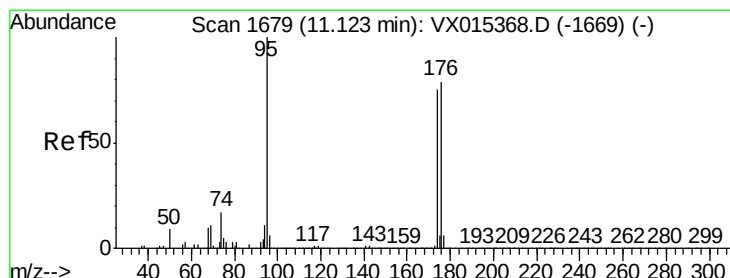
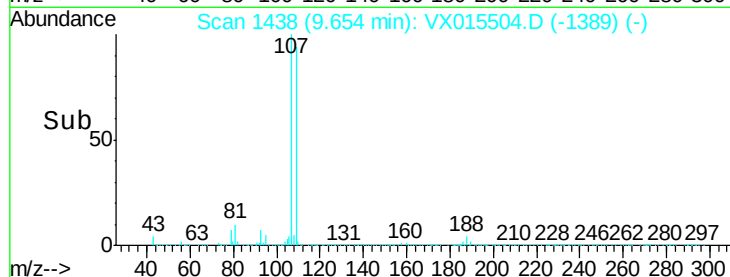
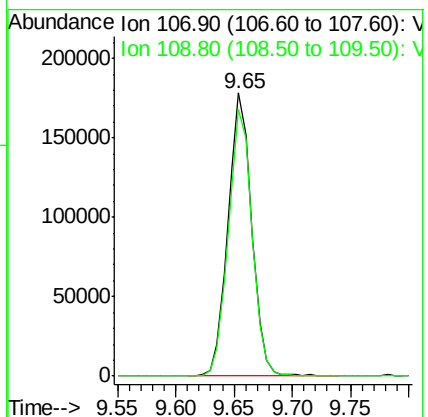
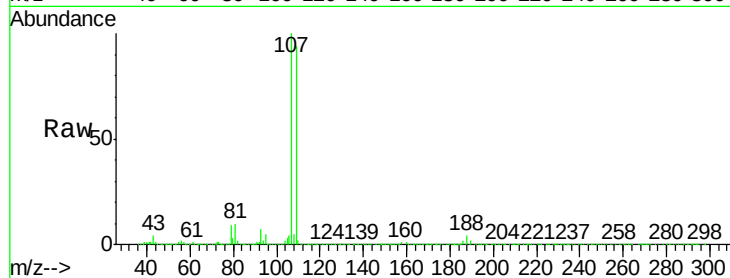
Ion Ratio Lower Upper

107 100

109 94.8 74.8 112.2

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4/7/2020 11:59:03 AM



#62

4-Bromofluorobenzene

Concen: 52.223 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

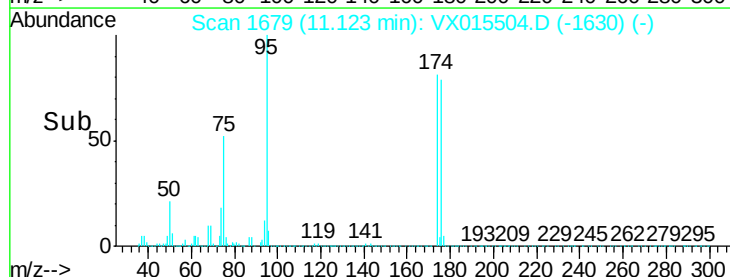
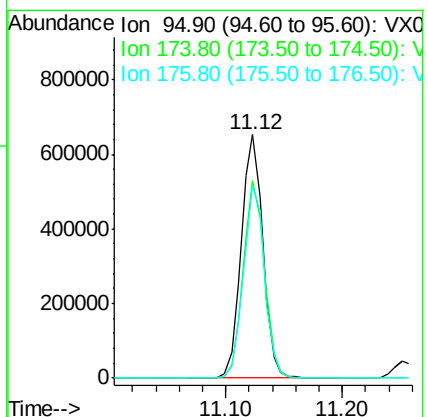
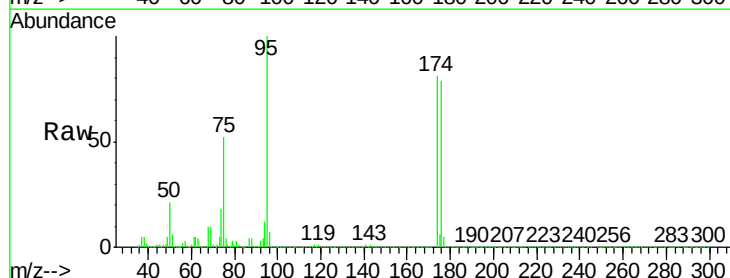
Tgt Ion: 95 Resp: 840725

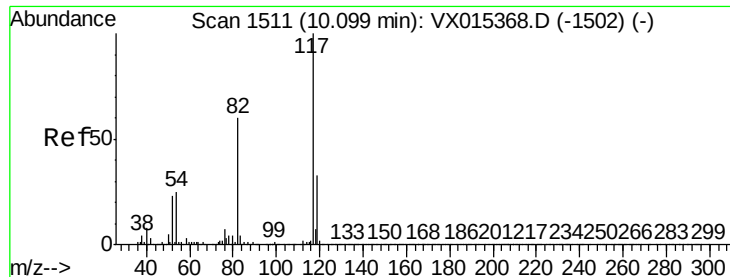
Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

176 77.7 0.0 159.0





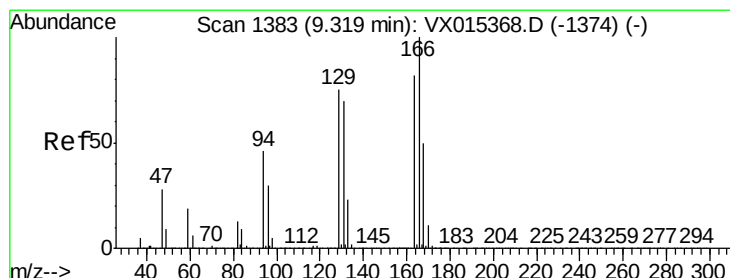
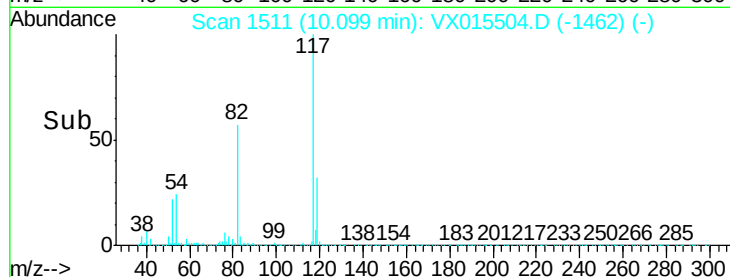
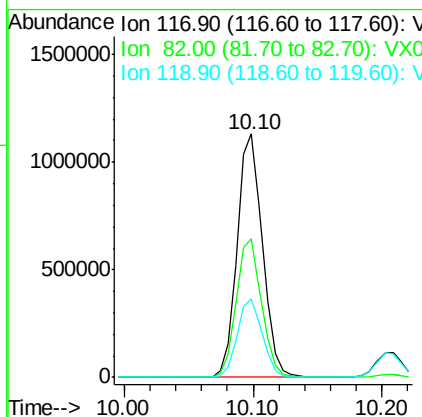
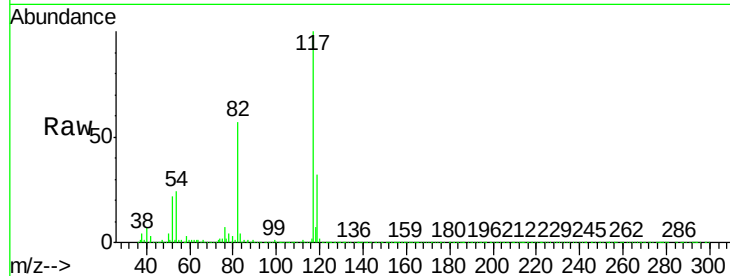
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.7  | 47.8  | 71.8  |
| 119     | 32.0  | 26.8  | 40.2  |

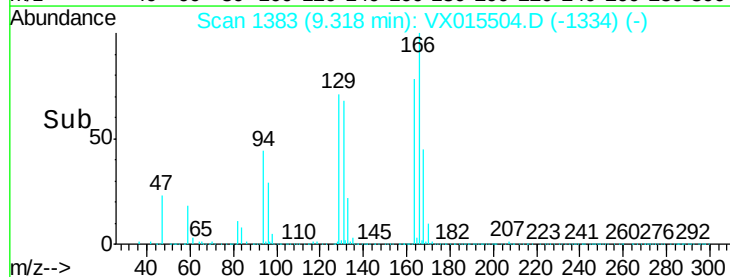
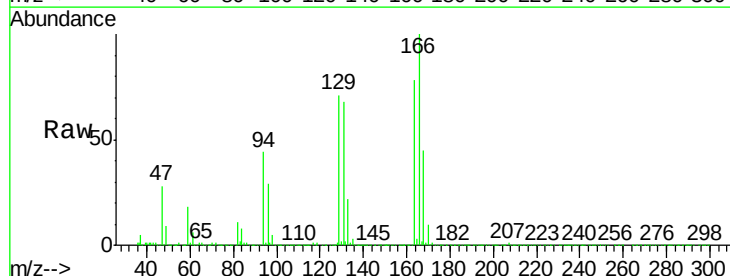
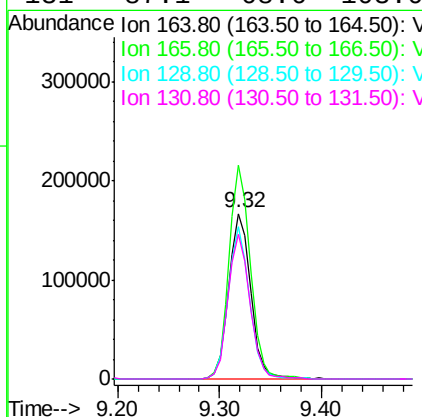
Manual Integrations  
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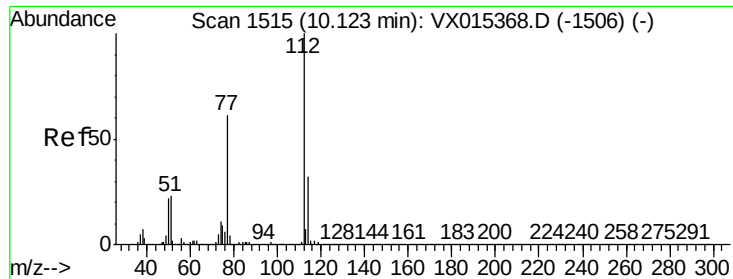
MMDadoda  
4/7/2020 11:59:03 AM



#64  
Tetrachloroethene  
Concen: 21.212 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.9 | 97.8  | 146.6 |
| 129     | 91.7  | 73.0  | 109.4 |
| 131     | 87.1  | 68.6  | 103.0 |





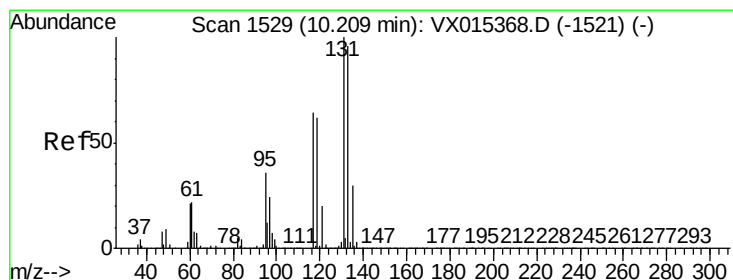
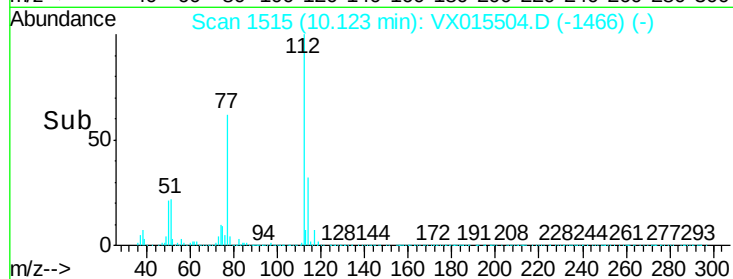
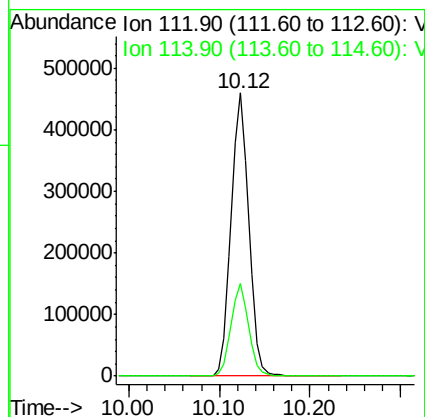
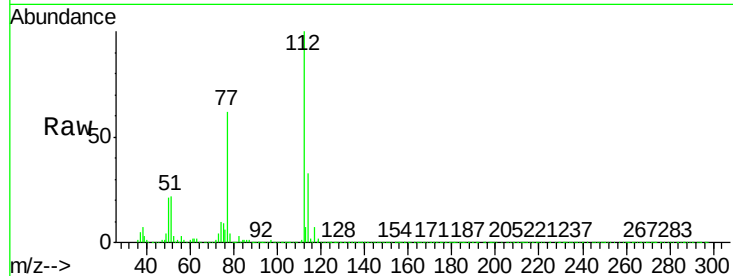
#65  
Chlorobenzene  
Concen: 20.233 ug/l  
RT: 10.12 min Scan# 1515  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.5  | 25.5  | 38.3  |

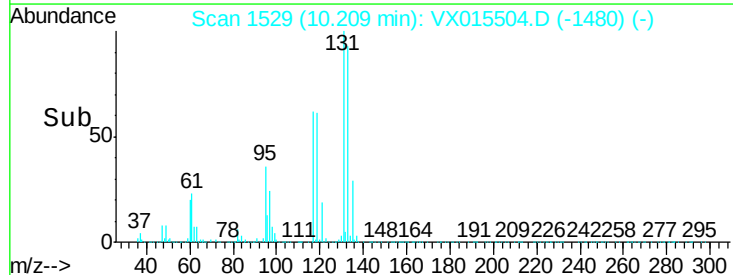
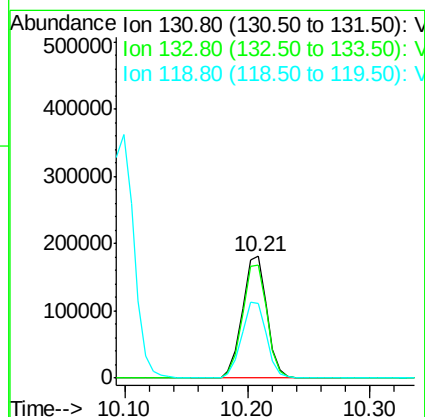
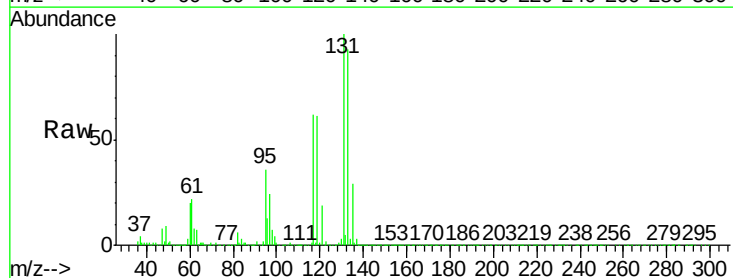
Manual Integrations  
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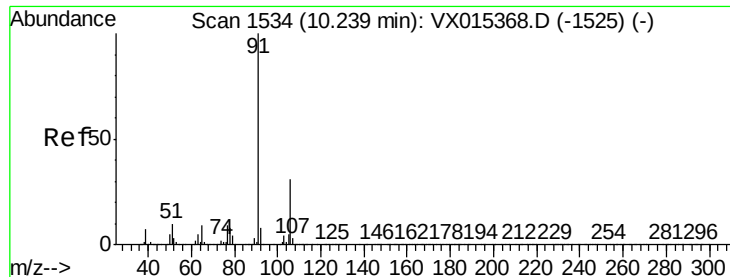
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.410 ug/l  
RT: 10.21 min Scan# 1529  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.0  | 47.6  | 142.9 |
| 119     | 62.6  | 31.1  | 93.3  |





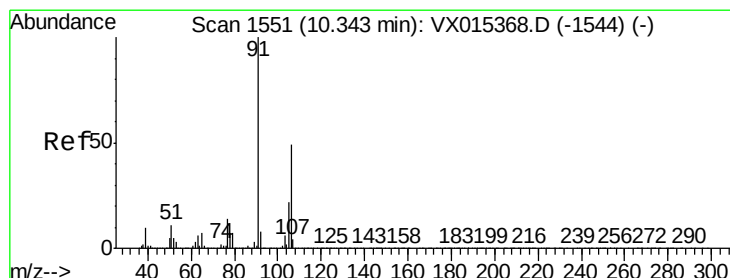
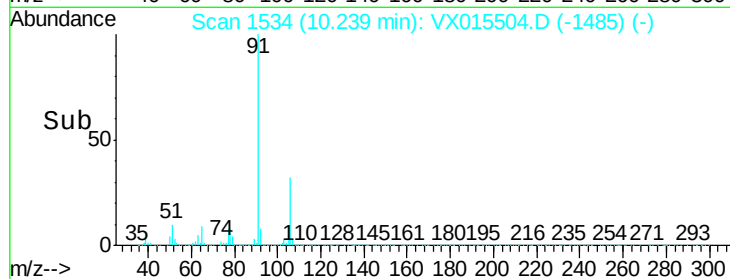
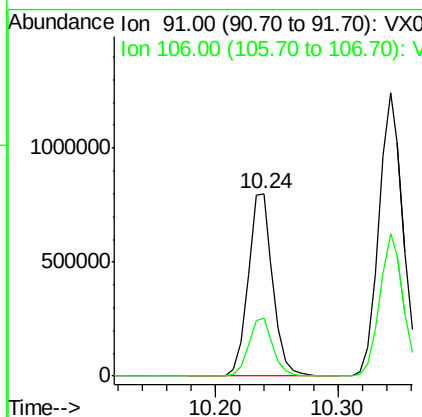
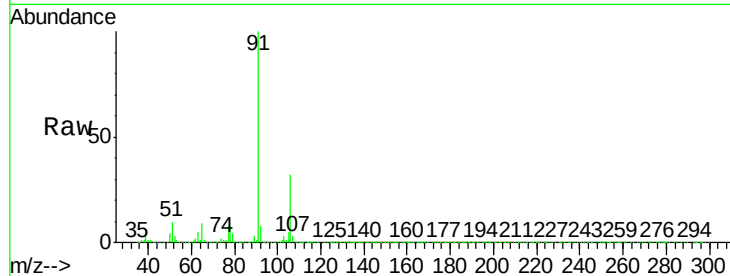
#67  
Ethyl Benzene  
Concen: 20.408 ug/l  
RT: 10.24 min Scan# 1534  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

Tot Ion: 91 Resp: 1113510  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.8 37.2

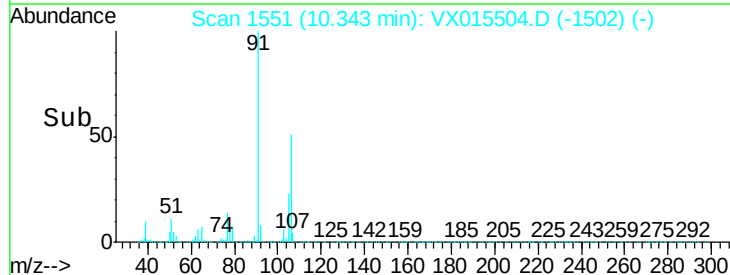
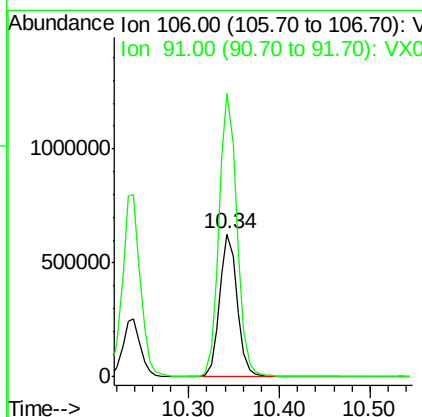
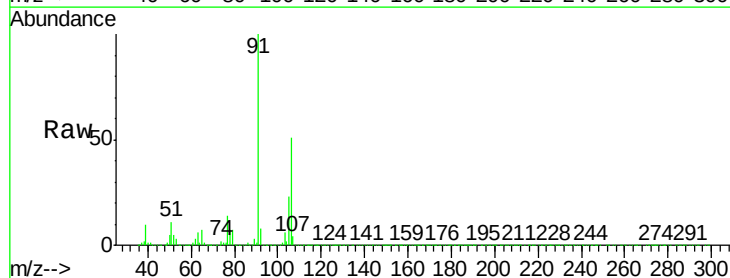
Manual Integrations  
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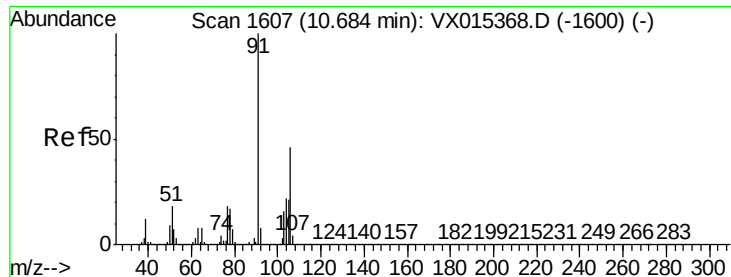
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 41.663 ug/l  
RT: 10.34 min Scan# 1551  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Tgt Ion: 106 Resp: 846490  
Ion Ratio Lower Upper  
106 100  
91 202.7 163.4 245.0





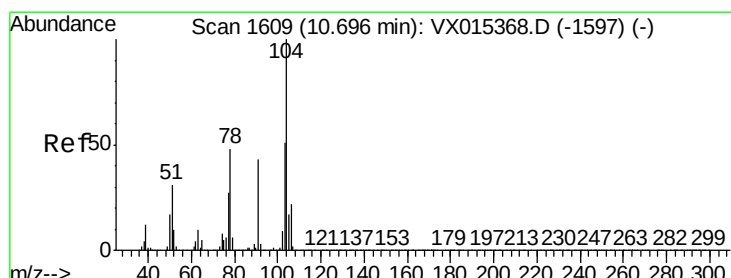
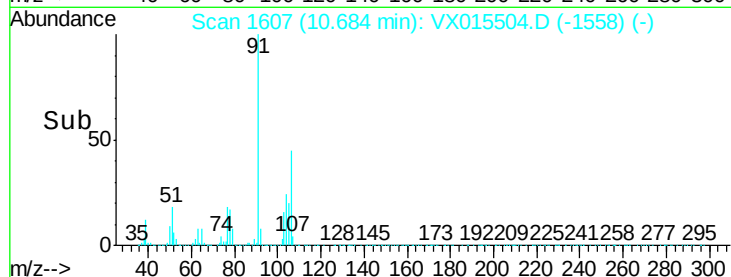
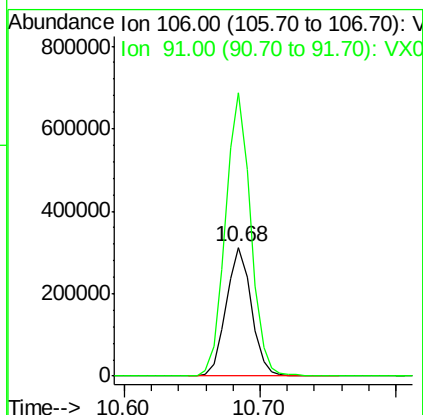
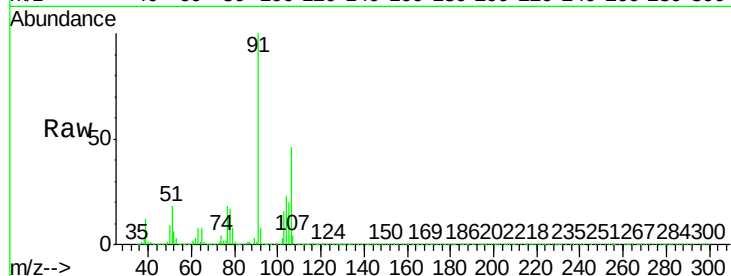
#69  
o-Xylene  
Concen: 19.985 ug/l  
RT: 10.68 min Scan# 1607  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 219.6 | 107.1 | 321.3 |

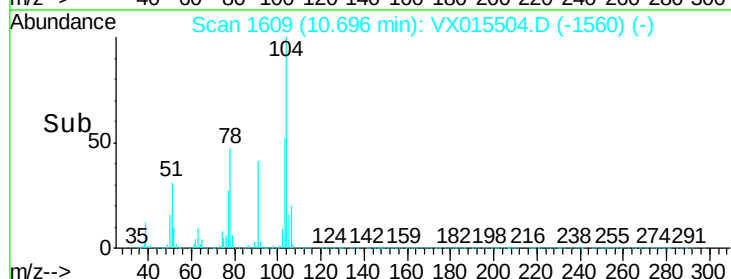
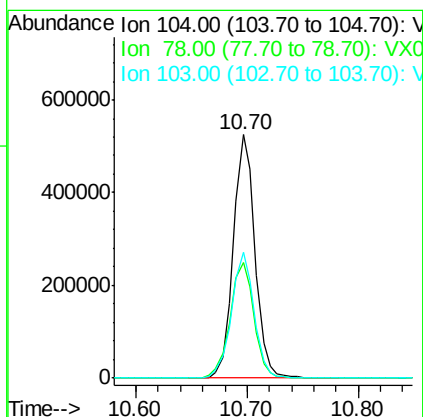
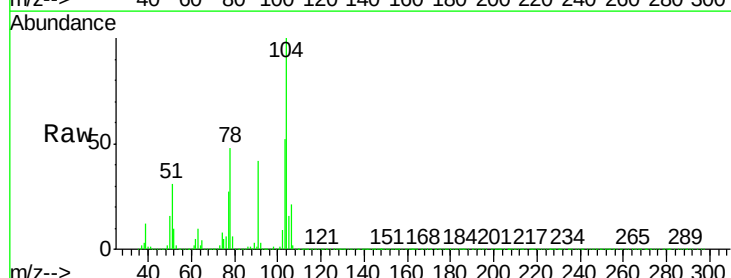
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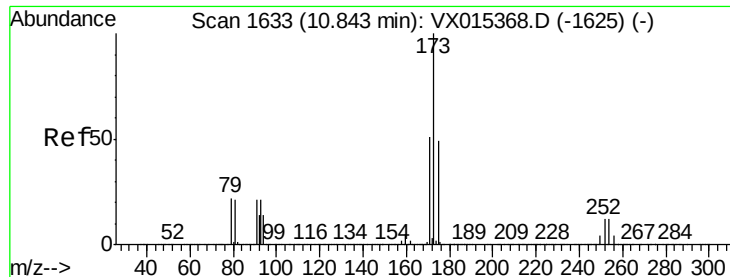


#70  
Styrene  
Concen: 19.914 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.6  | 42.0  | 63.0  |
| 103     | 54.5  | 43.4  | 65.0  |







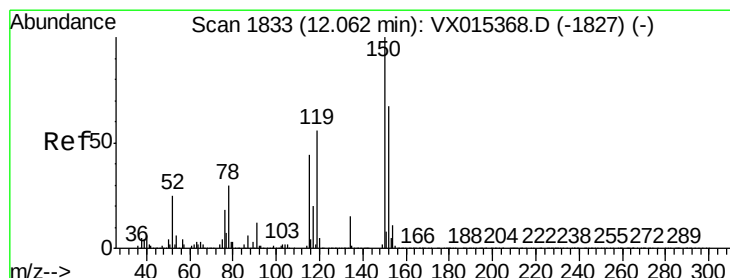
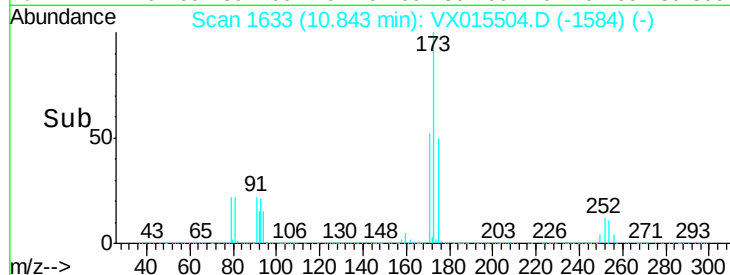
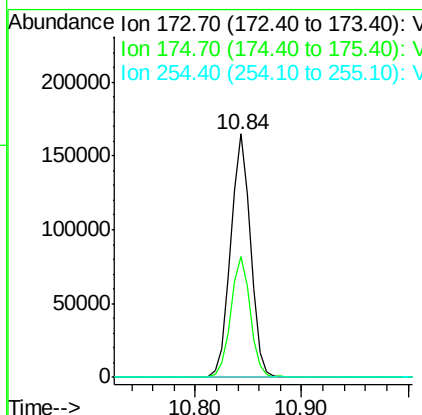
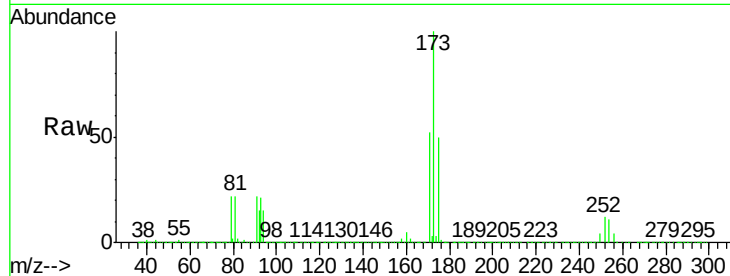
#71  
Bromoform  
Concen: 19.430 ug/l  
RT: 10.84 min Scan# 1633  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.2  | 23.9  | 71.7  |
| 254     | 0.1   | 0.1   | 0.1#  |

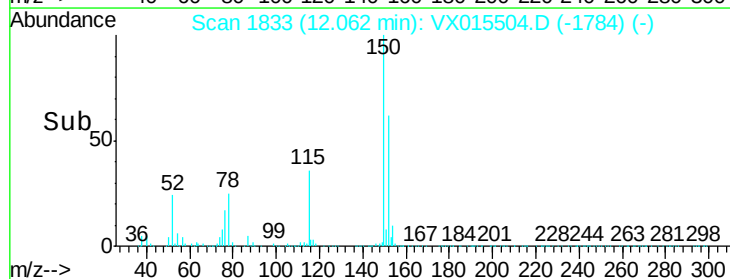
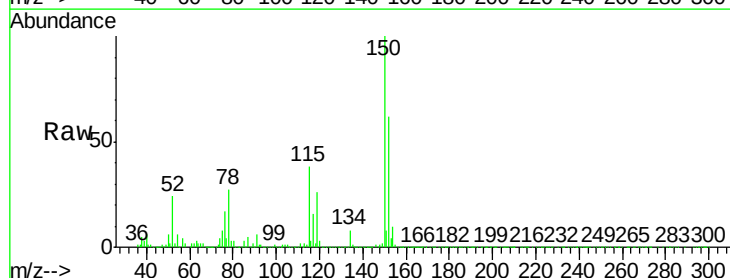
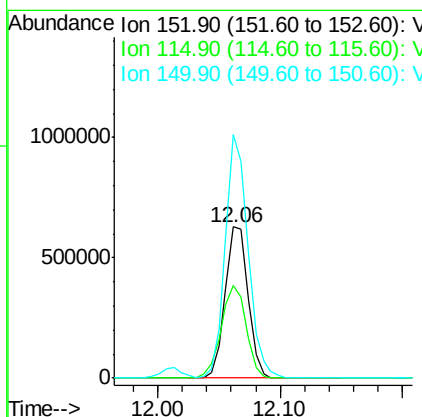
Manual Integrations  
APPROVED

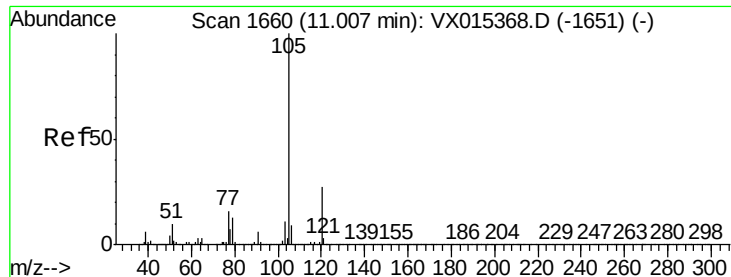
MMDadoda  
4/7/2020 11:59:03 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 67.1  | 39.0  | 116.9 |
| 150     | 159.7 | 0.0   | 340.8 |





#73

Isopropylbenzene

Concen: 20.442 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0406WBSD01

Tot Ion: 105 Resp: 1090717

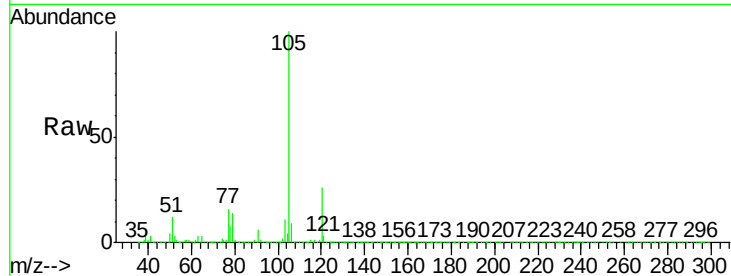
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

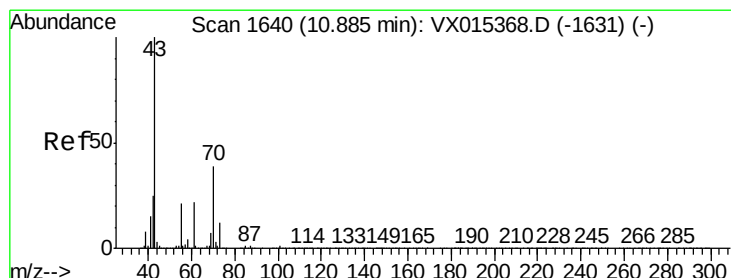
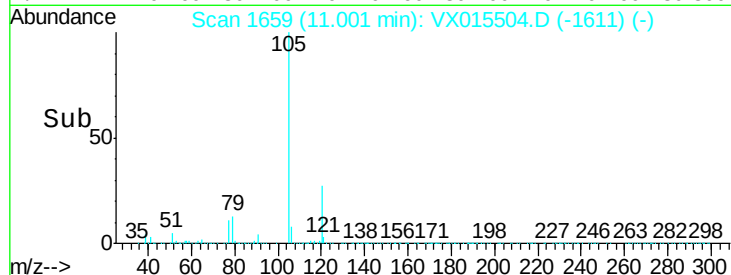
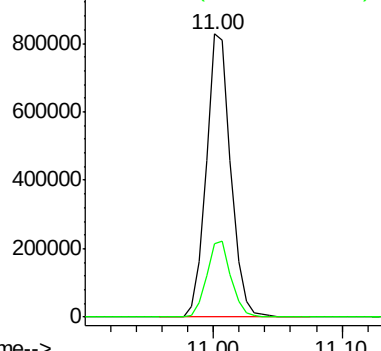
Manual Integrations  
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MMDadoda  
4/7/2020 11:59:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.238 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Tgt Ion: 43 Resp: 570885

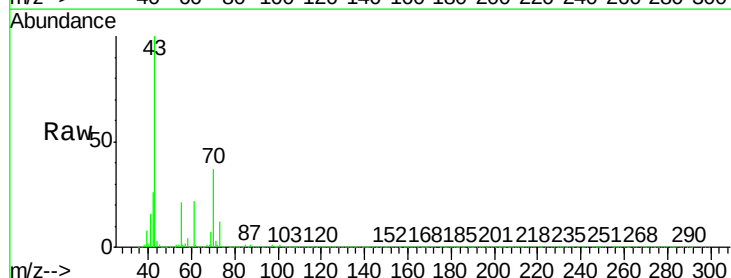
Ion Ratio Lower Upper

43 100

70 38.5 30.2 45.4

55 21.6 16.8 25.2

61 22.6 18.2 27.2

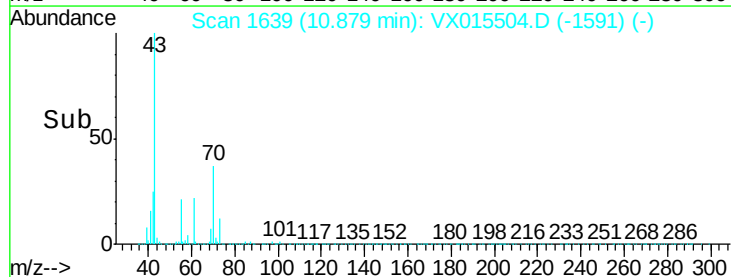
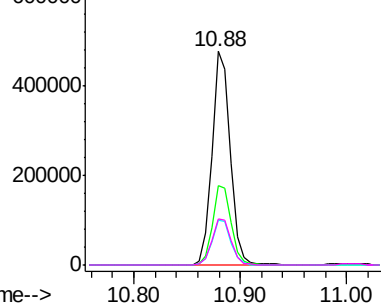


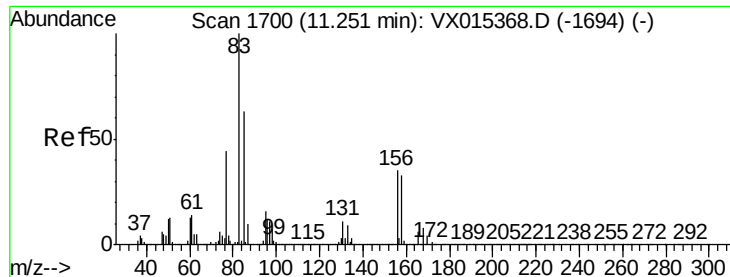
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.303 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

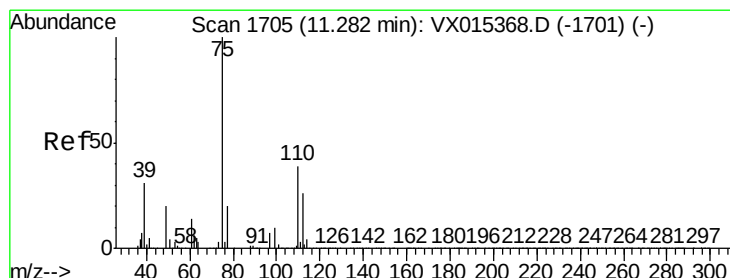
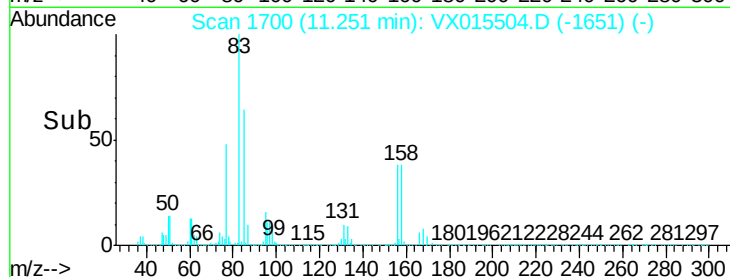
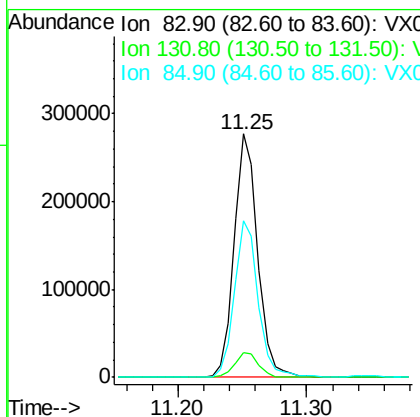
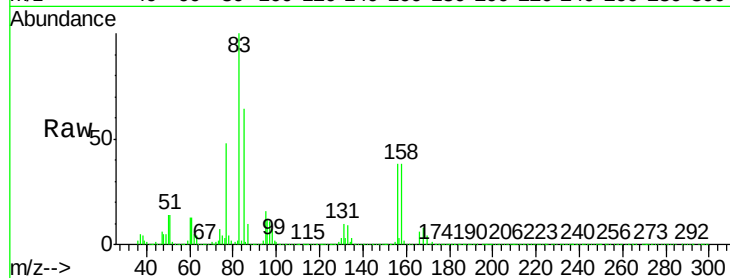
ClientSampled :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 353405 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.3   | 16.1   |
| 85        | 64.7  | 32.0  | 96.0   |

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MMDadoda  
4/7/2020 11:59:03 AM



#76

1,2,3-Trichloropropane

Concen: 20.469 ug/l m

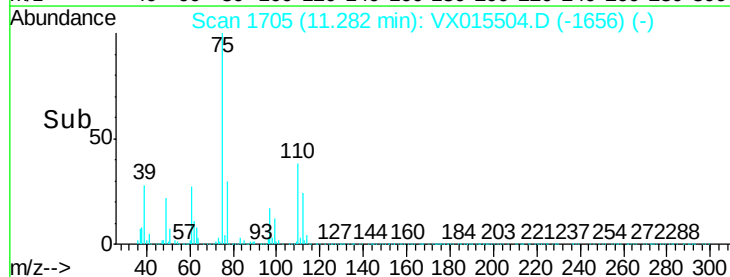
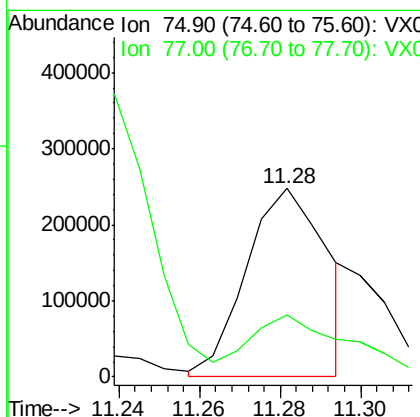
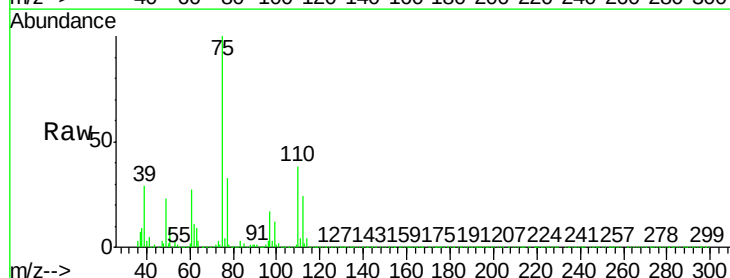
RT: 11.28 min Scan# 1705

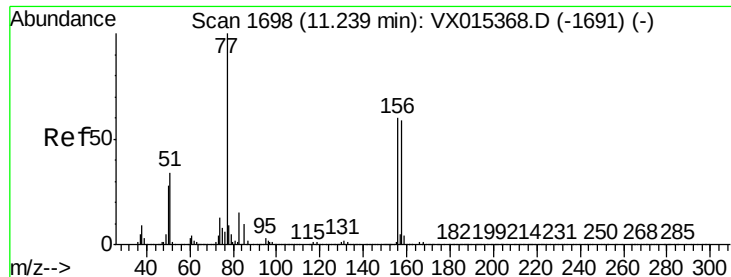
Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 342770 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 40.9  | 21.2  | 63.6   |





#77

Bromobenzene

Concen: 19.898 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

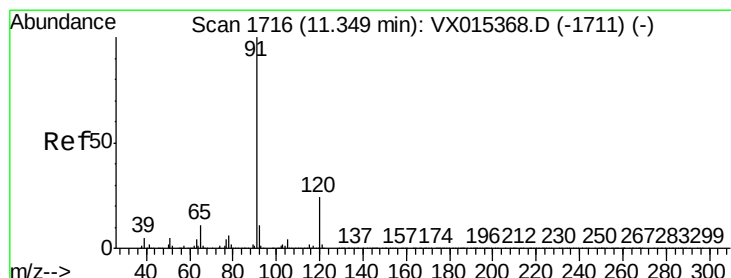
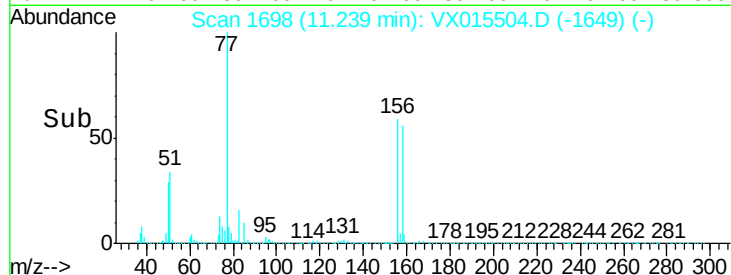
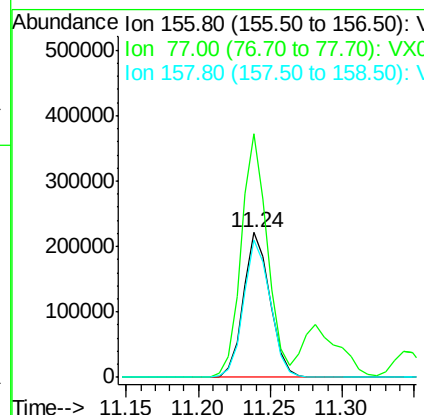
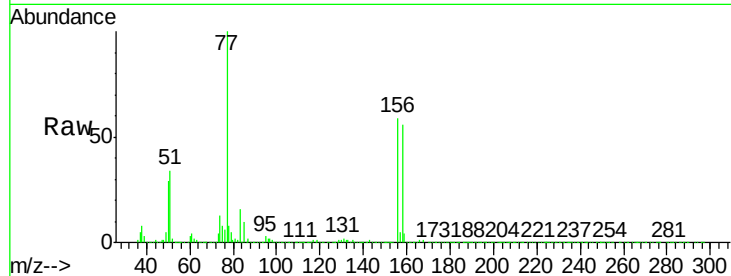
ClientSampled :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 283193 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 165.5 | 82.2  | 246.5  |
| 158       | 95.3  | 49.3  | 147.9  |

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#78

n-propylbenzene

Concen: 20.734 ug/l

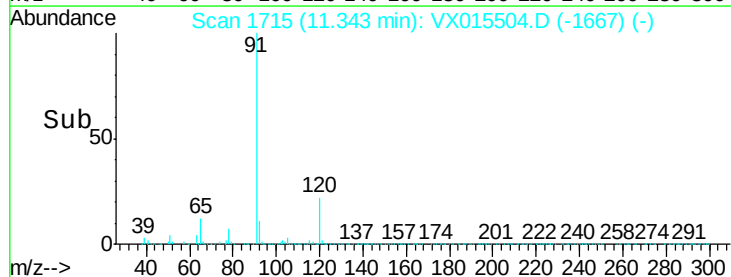
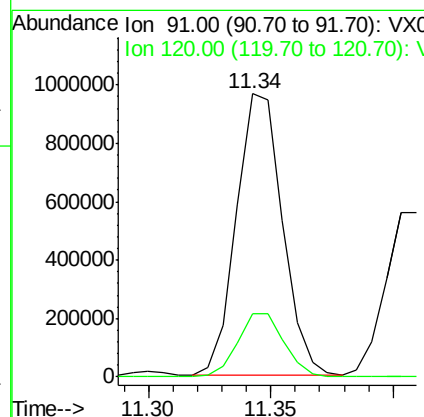
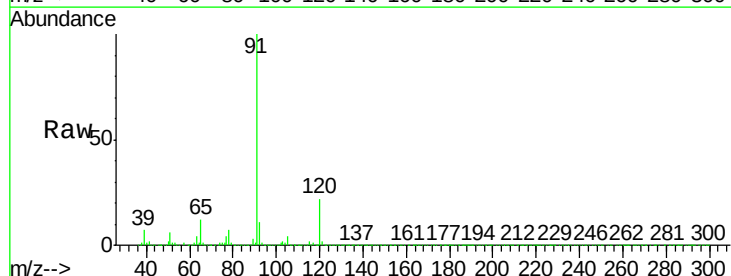
RT: 11.34 min Scan# 1715

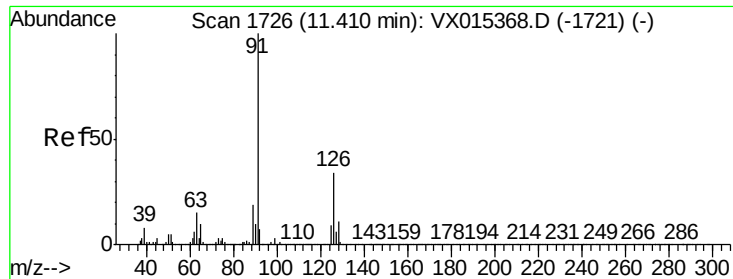
Delta R.T. -0.01 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1264999 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 22.8  | 11.7  | 35.0    |





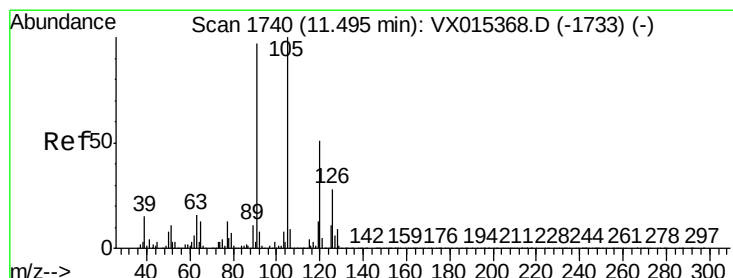
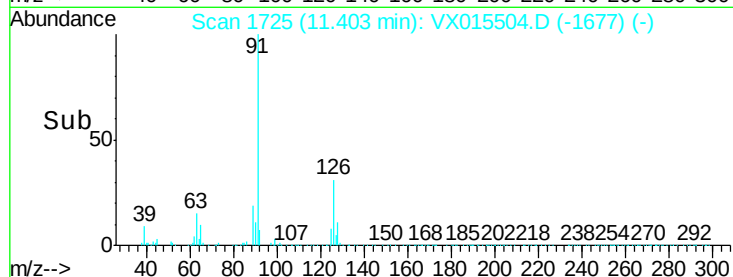
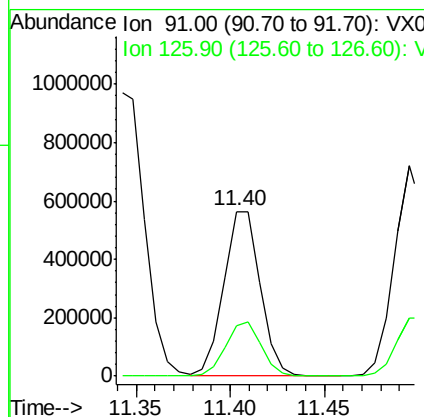
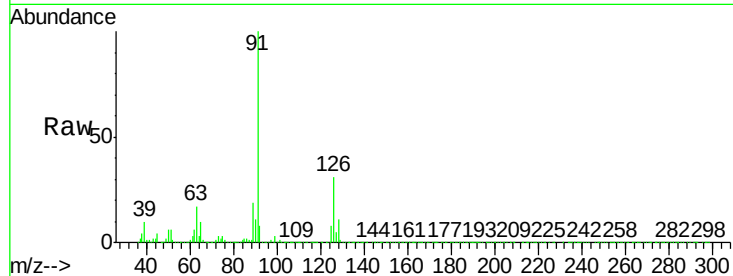
#79  
2-Chlorotoluene  
Concen: 20.143 ug/l  
RT: 11.40 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0406WBSD01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 753267 |       |       |
| 126     | 32.6 | 16.5  | 49.5   |       |       |

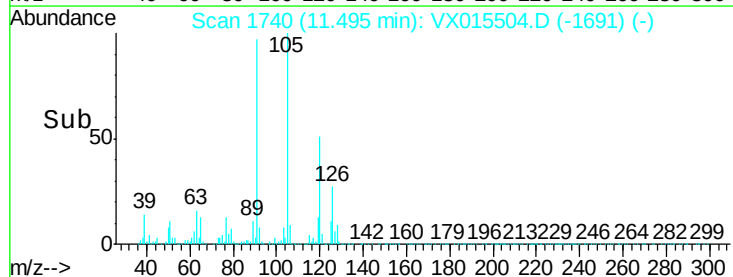
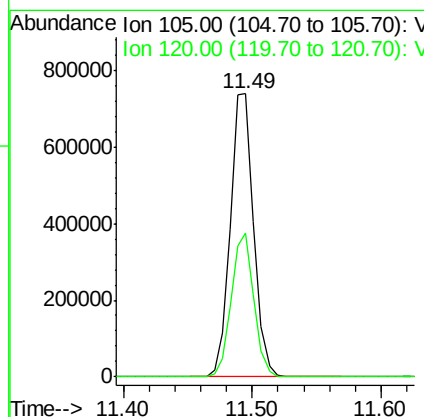
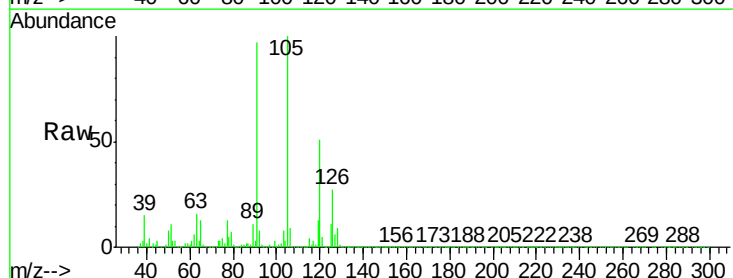
Manual Integrations  
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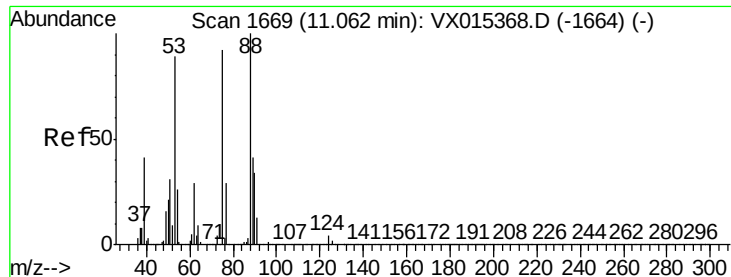
MMDadoda  
4/7/2020 11:59:03 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 20.597 ug/l  
RT: 11.49 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 938563 |       |       |
| 120     | 49.1 | 24.8  | 74.4   |       |       |





#81

trans-1,4-Dichloro-2-butene

Concen: 19.264 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

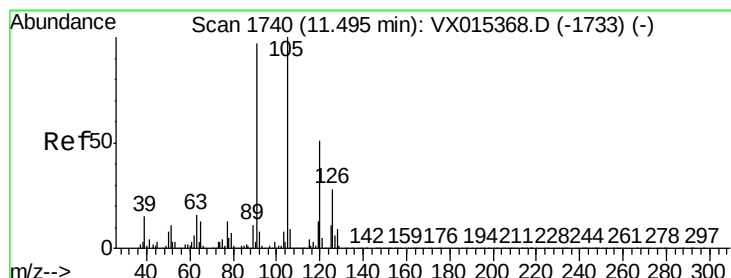
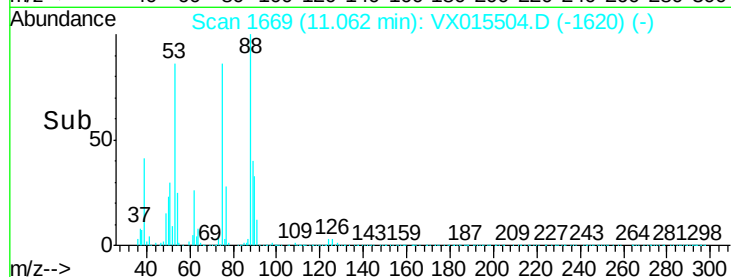
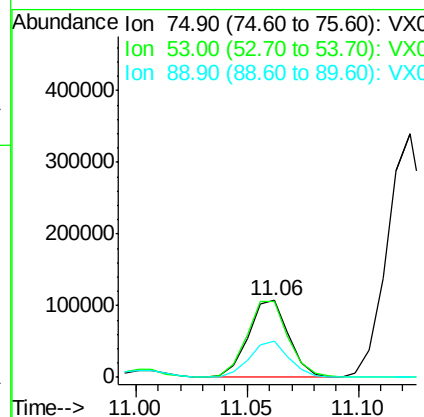
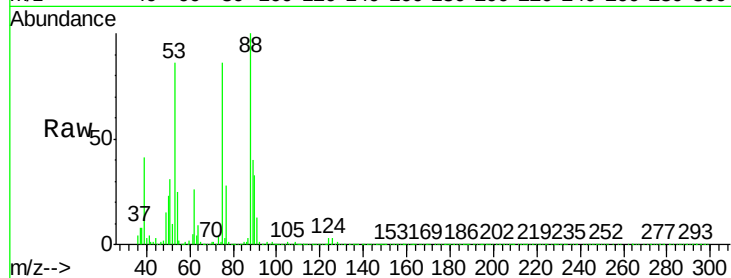
ClientSampled :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 134441 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 101.9 | 80.1  | 120.1  |
| 89        | 46.9  | 36.1  | 54.1   |

Manual Integrations  
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MMDadoda  
4/7/2020 11:59:03 AM



#82

4-Chlorotoluene

Concen: 20.619 ug/l

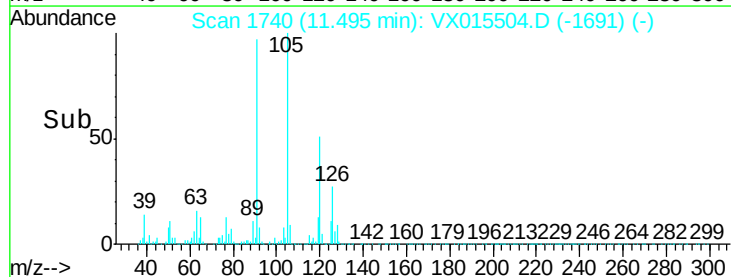
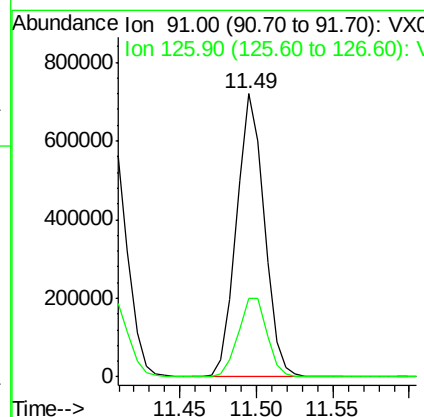
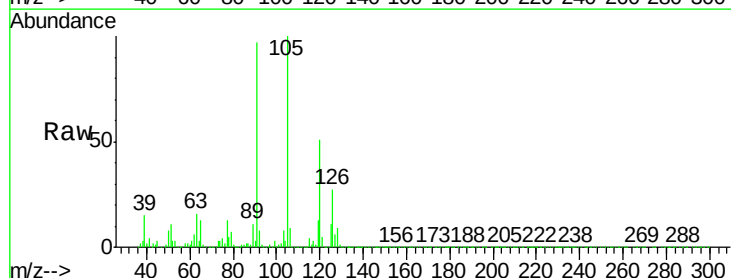
RT: 11.49 min Scan# 1740

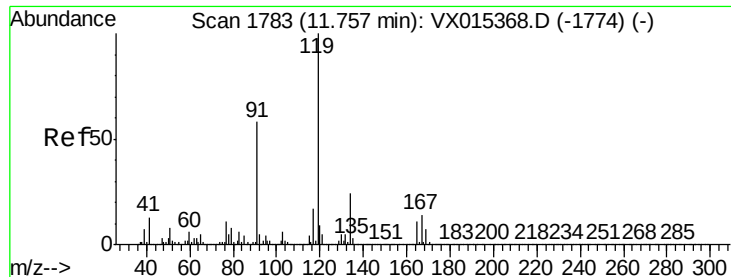
Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 903931 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 29.1  | 14.7  | 44.1   |





#83

tert-Butylbenzene

Concen: 20.433 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

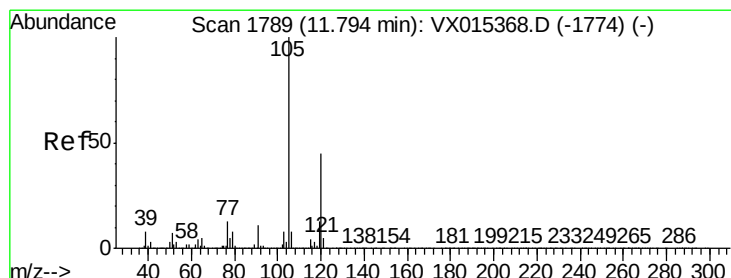
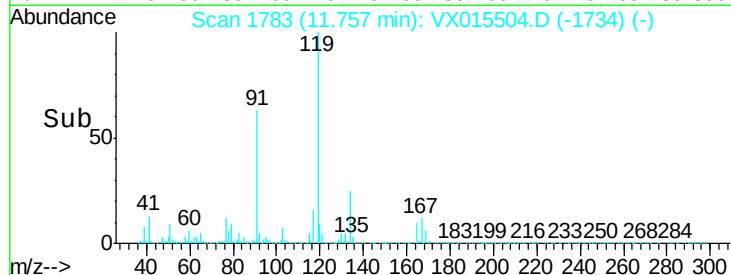
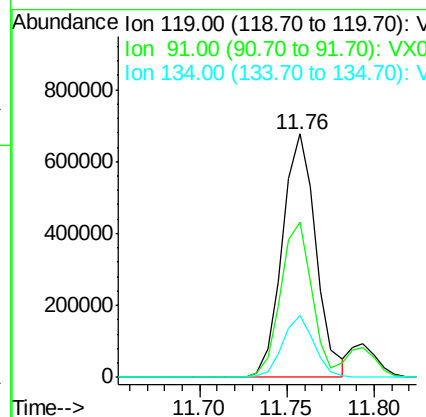
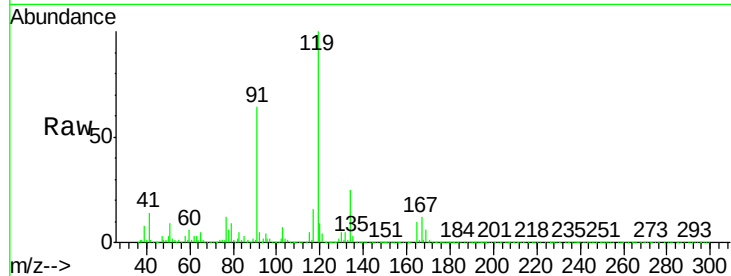
ClientSampleId :

VX0406WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 909459 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 58.9  | 28.6  | 85.8   |
| 134       | 23.6  | 11.8  | 35.3   |

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4/7/2020 11:59:03 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.451 ug/l

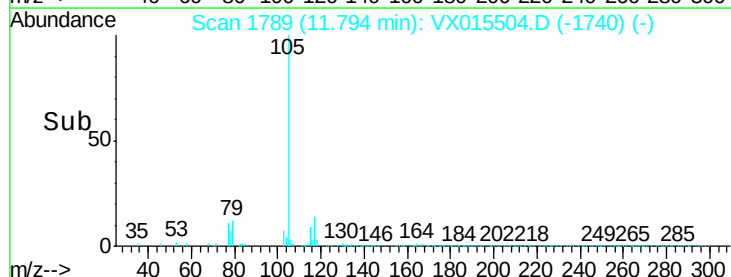
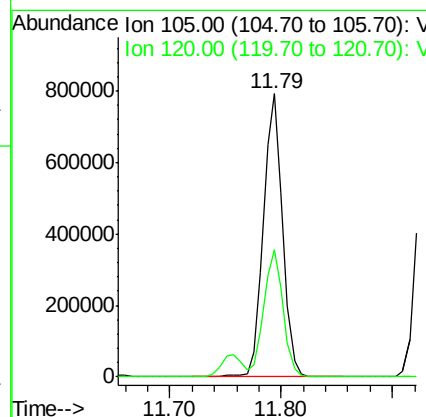
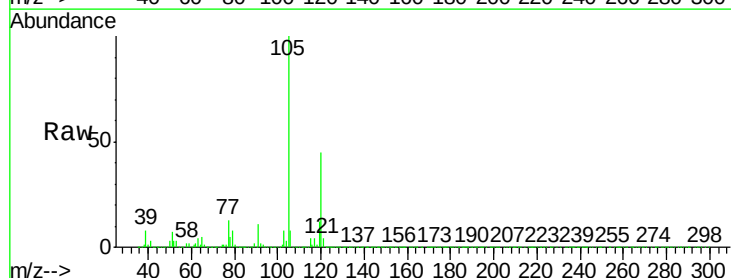
RT: 11.79 min Scan# 1789

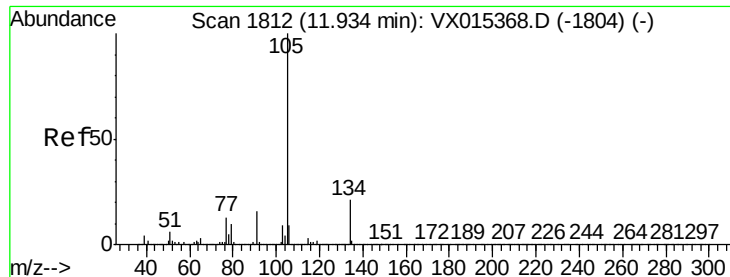
Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 949671 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.1  | 22.7  | 68.1   |





#85

sec-Butylbenzene

Concen: 20.832 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

Instrument :

MSVOA\_X

ClientSampled :

VX0406WBSD01

Tot Ion:105 Resp: 1072391

Ion Ratio Lower Upper

105 100

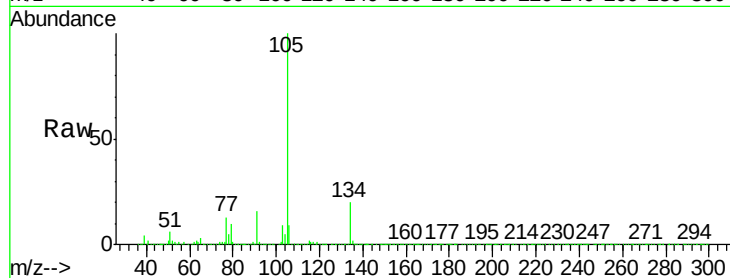
134 20.3 10.4 31.1

Manual Integrations

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MMDadoda

4/7/2020 11:59:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

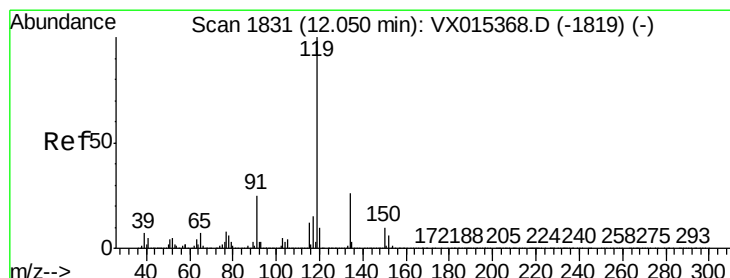
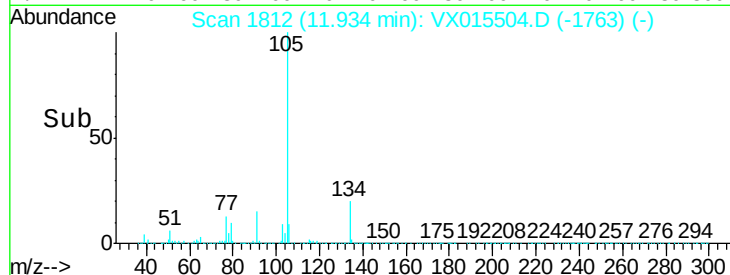
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.424 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015504.D

Acq: 06 Apr 2020 12:02

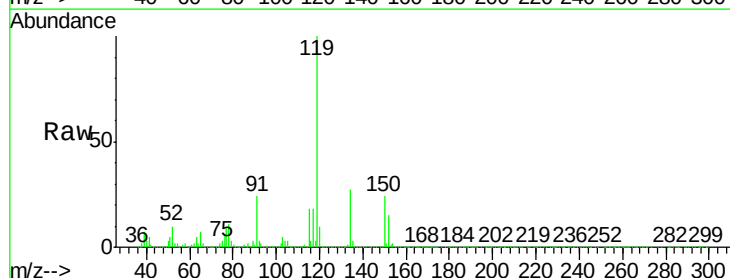
Tgt Ion:119 Resp: 1023809

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.2 12.4 37.4



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

1200000

1000000

800000

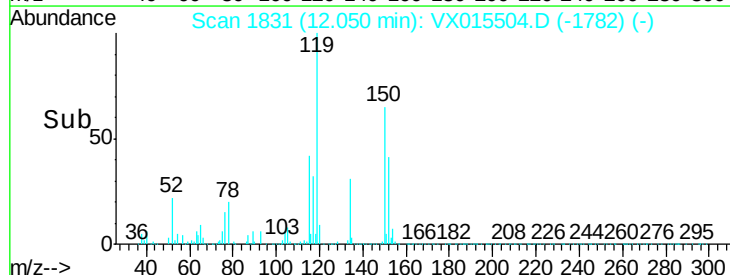
600000

400000

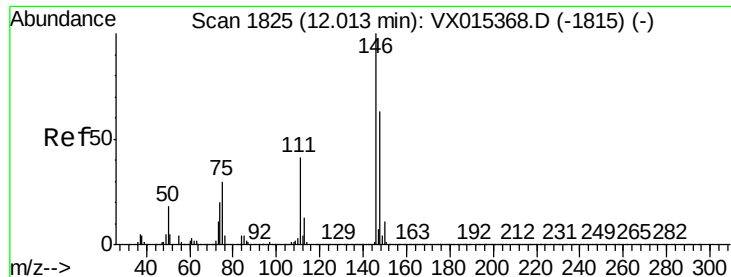
200000

0

Time-->







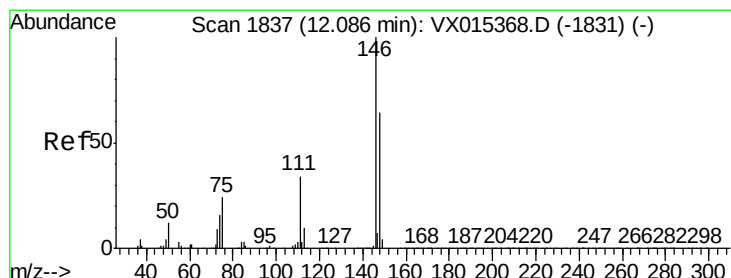
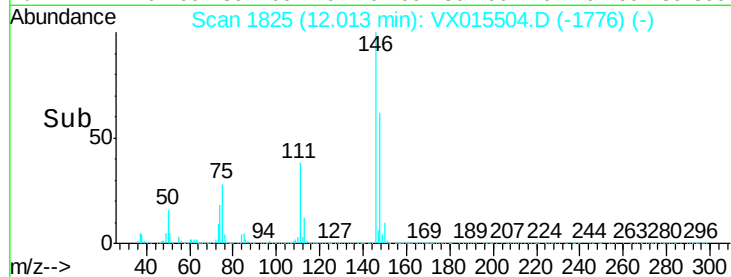
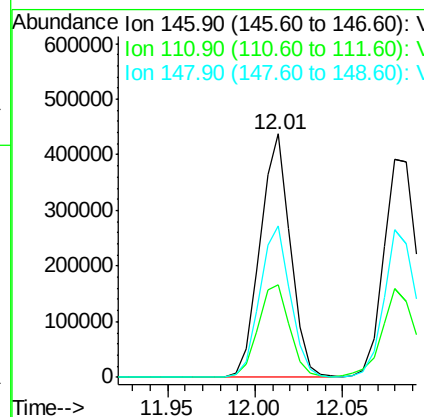
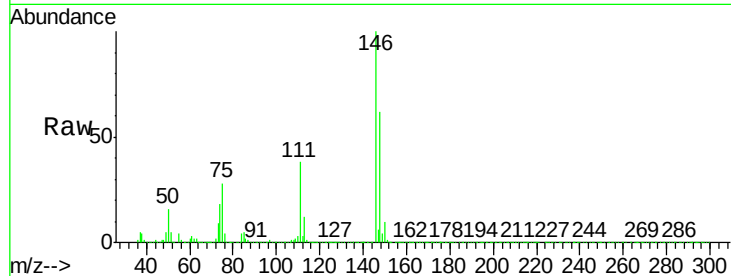
#87  
 1,3-Dichlorobenzene  
 Concen: 20.614 ug/l  
 RT: 12.01 min Scan# 1825  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 525216 |       |       |
| 111     | 39.5  | 20.3   | 60.9  |       |
| 148     | 62.9  | 31.3   | 93.9  |       |

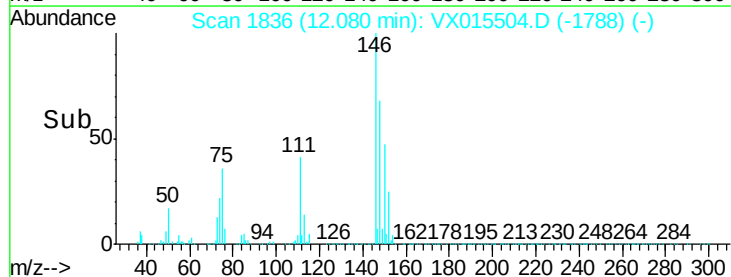
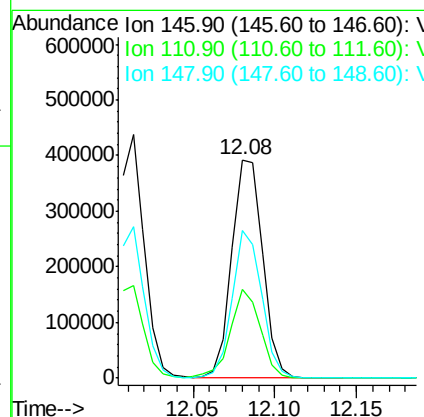
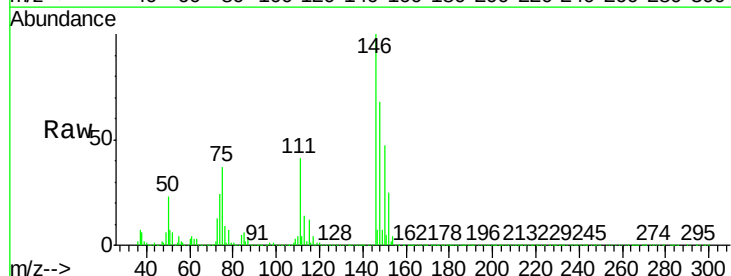
Manual Integrations  
 APPROVED

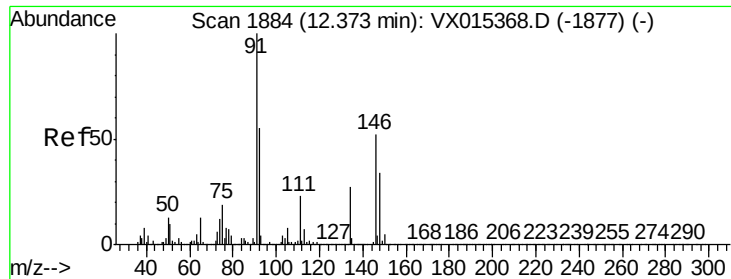
MMDadoda  
 4/7/2020 11:59:03 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.870 ug/l  
 RT: 12.08 min Scan# 1836  
 Delta R.T. -0.01 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 515674 |       |       |
| 111     | 39.7  | 19.1   | 57.5  |       |
| 148     | 64.5  | 32.4   | 97.2  |       |





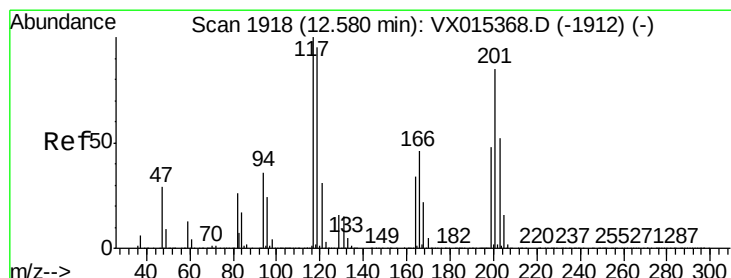
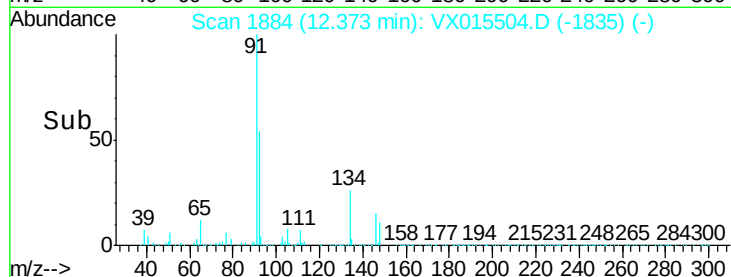
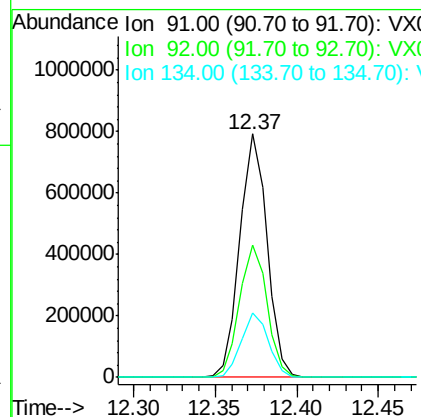
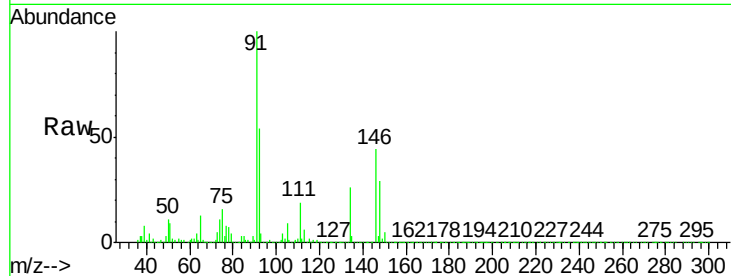
#89  
n-Butylbenzene  
Concen: 21.381 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0406WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 923335 |       |       |
| 92      | 54.8  | 27.2   | 81.5  |       |
| 134     | 26.4  | 13.4   | 40.2  |       |

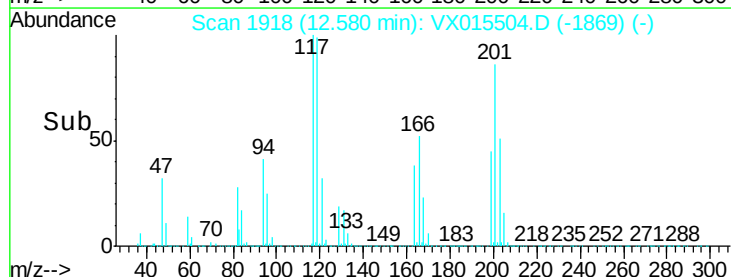
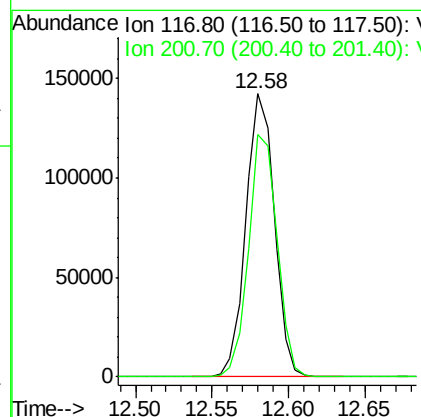
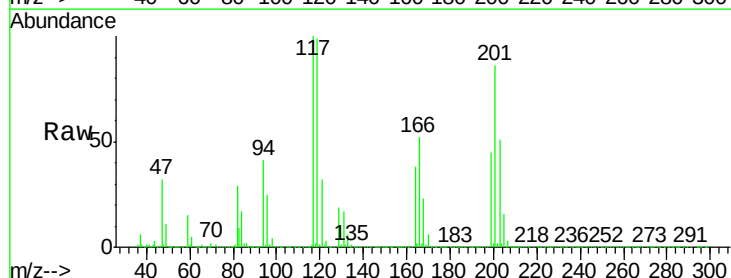
Manual Integrations  
APPROVED

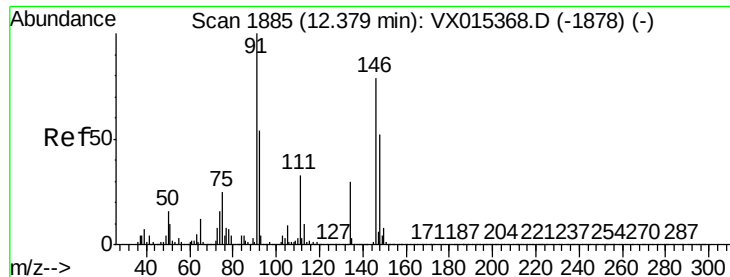
MMDadoda  
4/7/2020 11:59:03 AM



#90  
Hexachloroethane  
Concen: 19.663 ug/l  
RT: 12.58 min Scan# 1918  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 182892 |       |       |
| 201     | 86.7  | 42.6   | 128.0 |       |





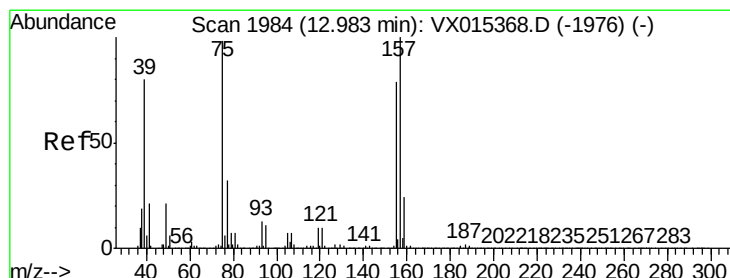
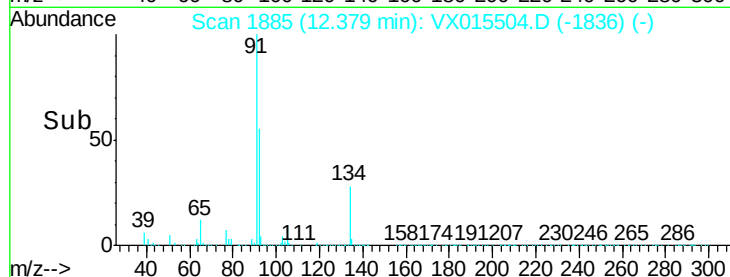
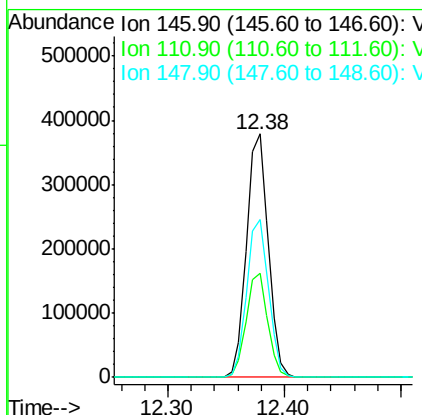
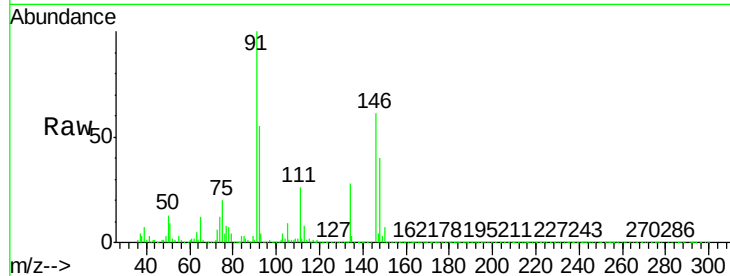
#91  
 1,2-Dichlorobenzene  
 Concen: 19.873 ug/l  
 RT: 12.38 min Scan# 1885  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 21.0  | 63.0  |
| 148     | 65.6  | 32.4  | 97.0  |

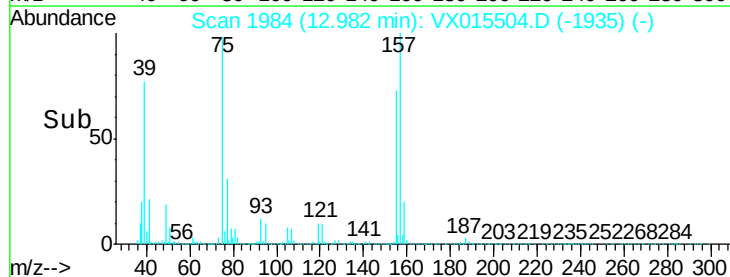
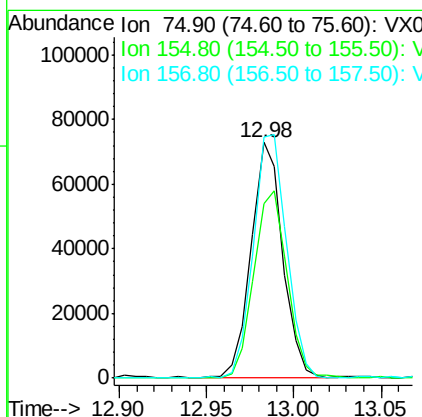
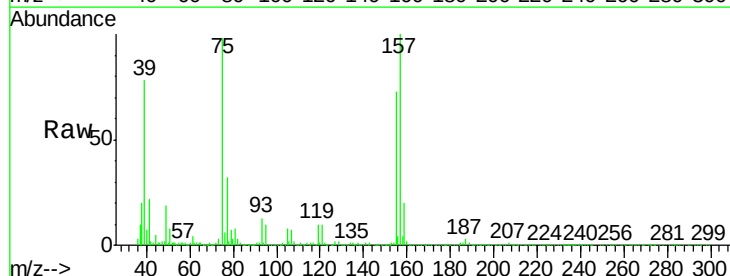
Manual Integrations  
 APPROVED

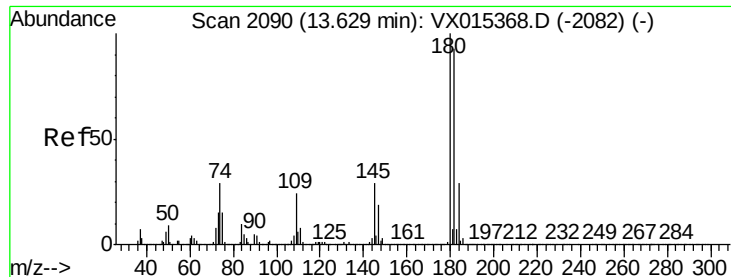
MMDadoda  
 4/7/2020 11:59:03 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.582 ug/l  
 RT: 12.98 min Scan# 1984  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.1  | 42.8  | 128.4 |
| 157     | 109.8 | 53.4  | 160.3 |





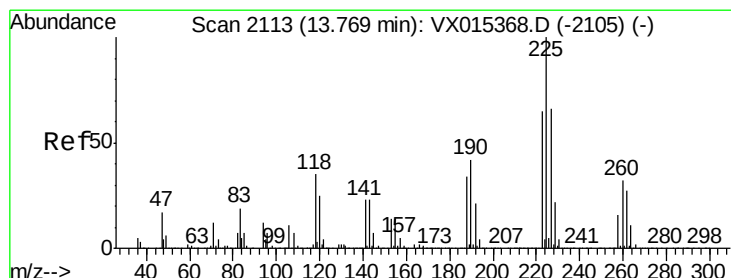
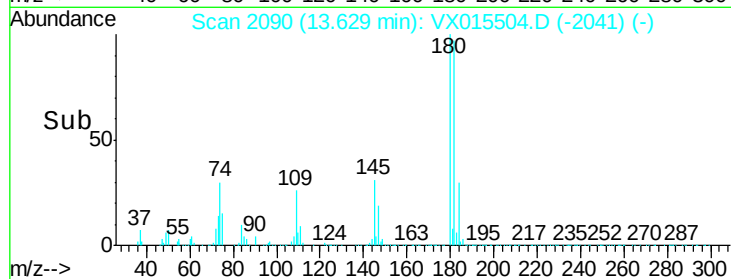
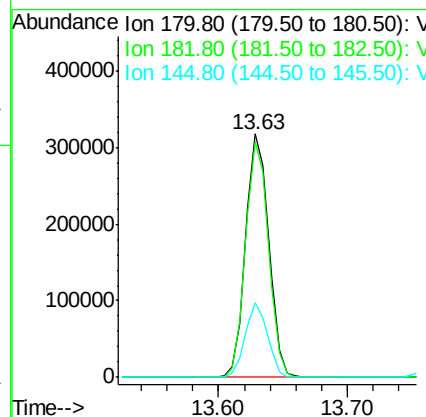
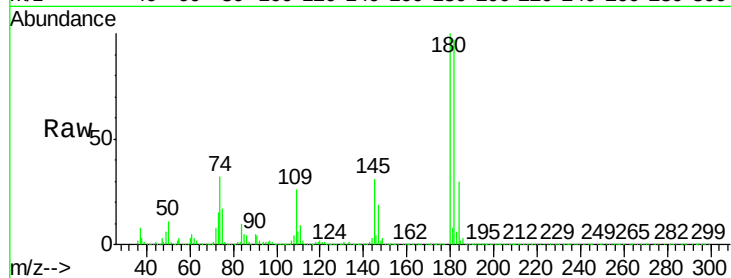
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.928 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0406WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 393038 |       |       |
| 182     | 96.4  | 46.9   | 140.7 |       |
| 145     | 30.0  | 14.9   | 44.5  |       |

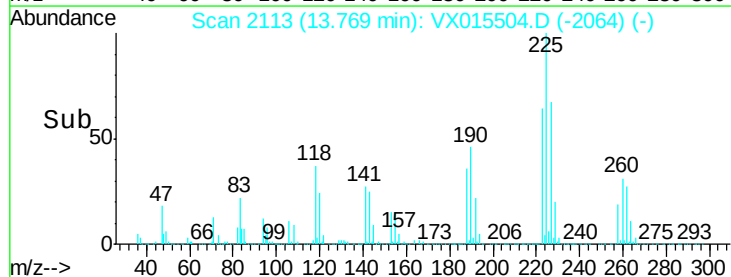
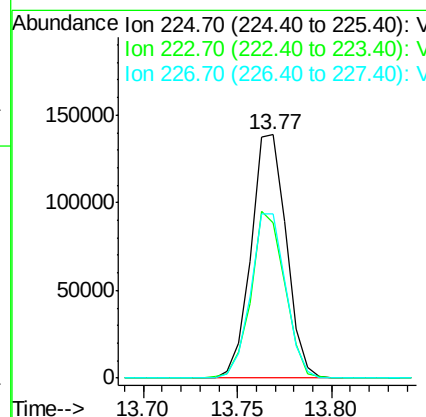
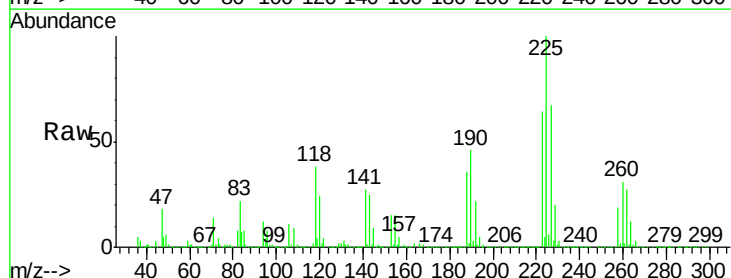
Manual Integrations  
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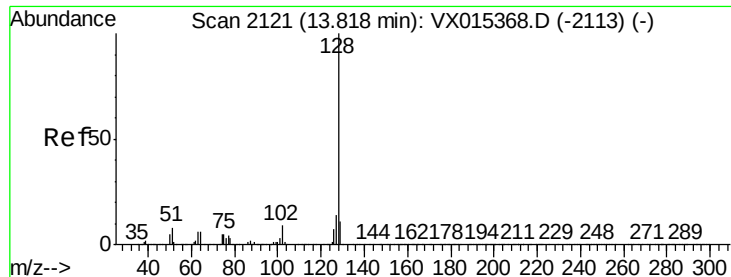
MMDadoda  
 4/7/2020 11:59:03 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.141 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VX015504.D  
 Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 179740 |       |       |
| 223     | 65.9  | 31.9   | 95.7  |       |
| 227     | 67.1  | 30.4   | 91.3  |       |





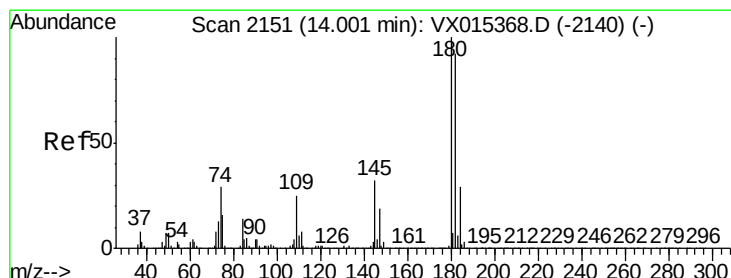
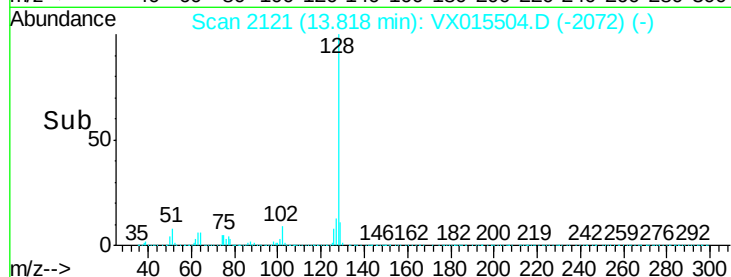
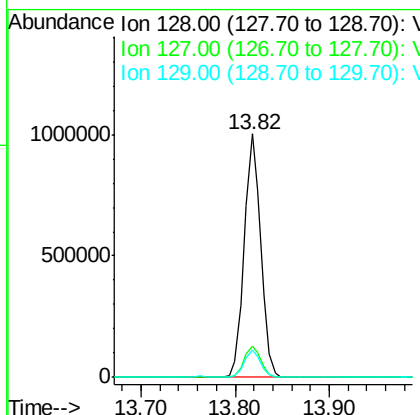
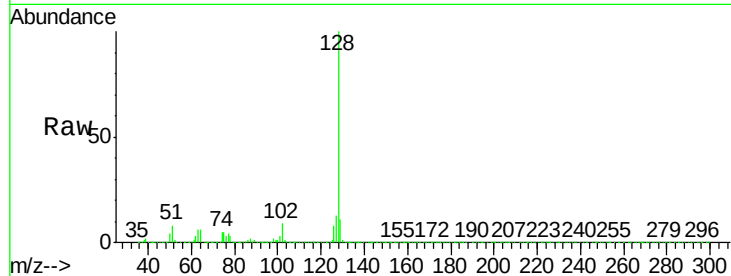
#95  
Naphthalene  
Concen: 20.173 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. -0.00 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0406WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.6  | 15.8  |
| 129     | 11.2  | 8.8   | 13.2  |

Manual Integrations  
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4/7/2020 11:59:03 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 20.036 ug/l  
RT: 14.01 min Scan# 2152  
Delta R.T. 0.01 min  
Lab File: VX015504.D  
Acq: 06 Apr 2020 12:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.5  | 46.7  | 140.0 |
| 145     | 32.0  | 15.8  | 47.3  |

