

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\  
 Data File : VX007665.D  
 Acq On : 25 Feb 2019 11:08  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 25 11:30:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 346617   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 555363   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 501755   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 258678   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 215478   | 58.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 117.14% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 186606   | 51.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.28% |      |
| 50) Toluene-d8            | 8.71   | 98  | 717182   | 53.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.98% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 263787   | 53.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.78% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 163380  | 42.285  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 165895  | 42.492  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 179208  | 46.789  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 115206  | 26.424  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 111316  | 44.928  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 274906  | 45.882  | ug/l | 94     |
| 8) Diethyl Ether              | 2.19 | 74  | 107059  | 47.473  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 160290  | 44.975  | ug/l | 93     |
| 10) Methyl Iodide             | 2.51 | 142 | 223638  | 42.656  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 199121  | 261.525 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 149436  | 45.154  | ug/l | 94     |
| 13) Acrolein                  | 2.30 | 56  | 179733  | 503.407 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 277711  | 51.500  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 479879  | 254.780 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 457403  | 271.411 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 419603  | 48.050  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 204675  | 42.924  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 521840  | 48.671  | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 166142  | 43.610  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 163577  | 46.399  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 589812  | 59.463  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2608905 | 316.961 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 314322  | 55.181  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 732210  | 305.296 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 250782  | 57.810  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 205680  | 53.414  | ug/l | 97     |
| 28) Bromochloromethane        | 5.02 | 49  | 152598  | 58.254  | ug/l | 90     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 480378  | 318.468 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 336401  | 56.596  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 291834  | 57.043  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 282133  | 56.232  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 244152  | 48.998  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 276537  | 54.900  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 244497  | 50.576  | ug/l | 99     |

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 ALS Vial : 5 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 25 11:30:24 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 306409   | 50.824  | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 756751   | 51.556  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 149324   | 55.312  | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 254737   | 50.159  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 441359   | 56.767  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 203714   | 46.081  | ug/l  | 89       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 195615   | 53.190  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 132478   | 49.562  | ug/l  | 91       |
| 47) Bromodichloromethane       | 7.90  | 83   | 248101   | 54.768  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 222419   | 57.192  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 93358    | 964.586 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1461675  | 285.582 | ug/l  | 100      |
| 52) Toluene                    | 8.79  | 92   | 483114   | 51.014  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 282037   | 57.961  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 306952   | 57.363  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 198376   | 50.252  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 296283   | 54.190  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 327845   | 52.223  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 796216   | 276.290 | ug/l  | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1137825  | 285.681 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 201996   | 54.104  | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 210745   | 50.411  | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 197502   | 41.762  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 532240   | 48.610  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 190185   | 51.808  | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 905701   | 51.366  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 700115   | 99.886  | ug/l  | 94       |
| 69) o-Xylene                   | 10.70 | 106  | 339363   | 50.317  | ug/l  | 95       |
| 70) Styrene                    | 10.71 | 104  | 566931   | 51.831  | ug/l  | 98       |
| 71) Bromoform                  | 10.86 | 173  | 143804   | 50.629  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 918831   | 52.270  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 405769   | 59.679  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 298239   | 55.670  | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 254049m  | 50.491  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 226621   | 45.756  | ug/l  | 89       |
| 78) n-propylbenzene            | 11.36 | 91   | 1069077  | 55.462  | ug/l  | 97       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 627600   | 53.658  | ug/l  | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 774952   | 53.886  | ug/l  | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 95128    | 65.641  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 749006   | 55.343  | ug/l  | 96       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 732049   | 51.414  | ug/l  | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 794665   | 54.427  | ug/l  | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 928220   | 53.863  | ug/l  | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 832220   | 53.498  | ug/l  | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 416225   | 46.826  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 421432   | 46.732  | ug/l  | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 741671   | 55.423  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 136900   | 58.801  | ug/l  | 84       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 413185   | 46.709  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 67338    | 60.451  | ug/l  | 85       |

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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

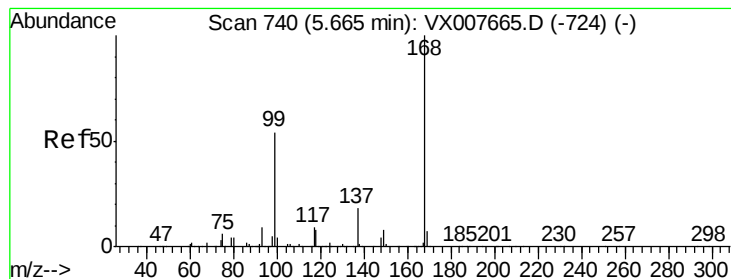
MMDadoda  
2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 25 11:30:24 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 255045   | 42.752 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 112728   | 38.915 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 881102   | 50.506 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 254779   | 42.428 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 346617

Ion Ratio Lower Upper

168 100

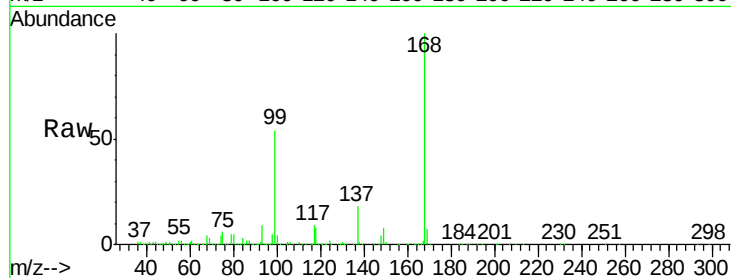
99 54.0 37.9 56.9

Manual Integrations

APPROVED

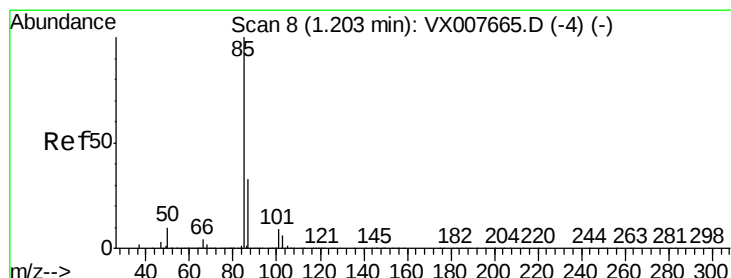
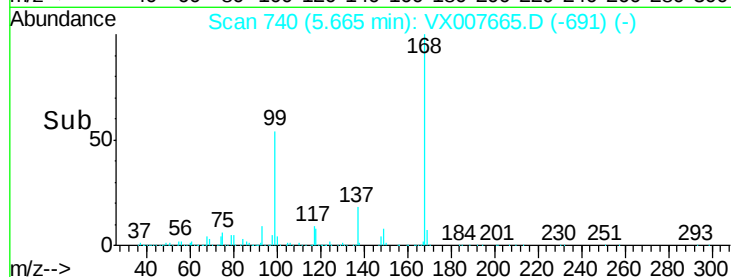
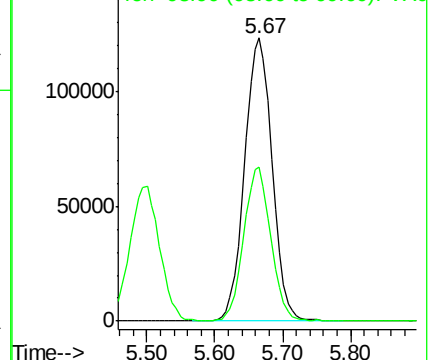
MMDadoda

2/26/2019 2:57:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.285 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007665.D

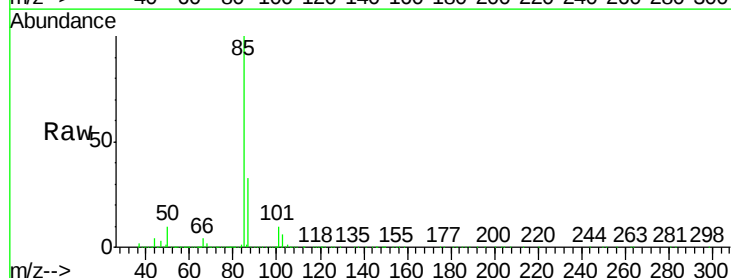
Acq: 25 Feb 2019 11:08

Tgt Ion: 85 Resp: 163380

Ion Ratio Lower Upper

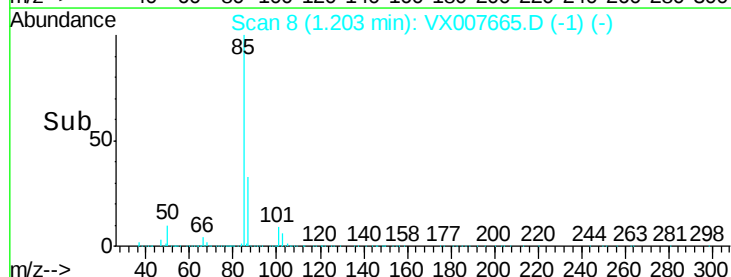
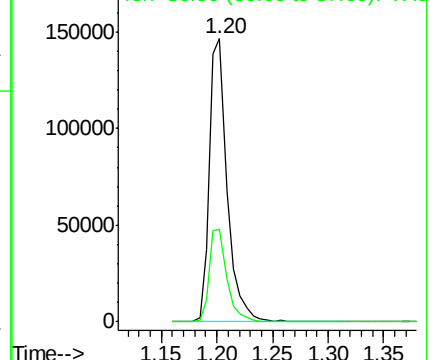
85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.492 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 165895

Ion Ratio Lower Upper

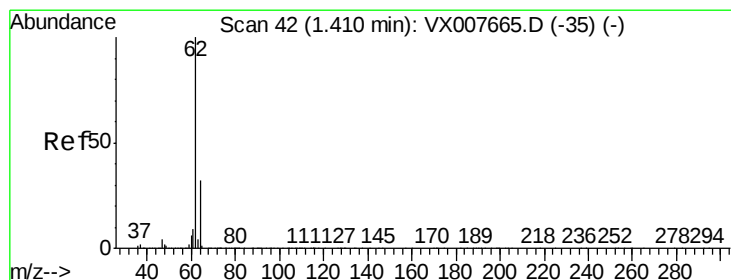
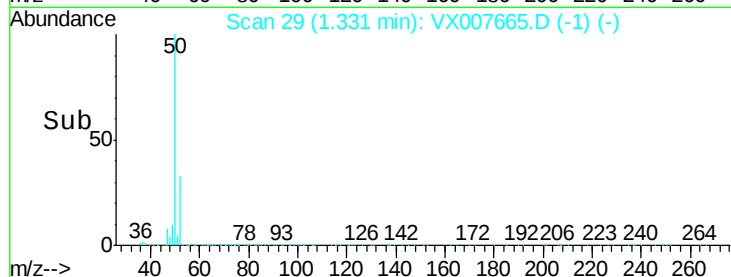
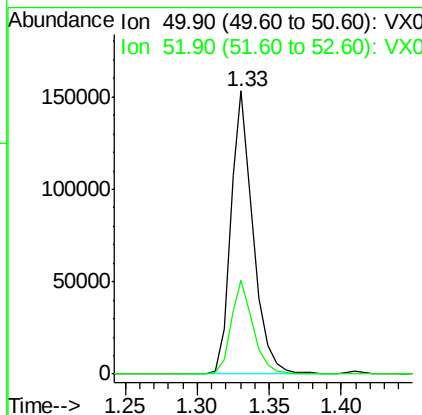
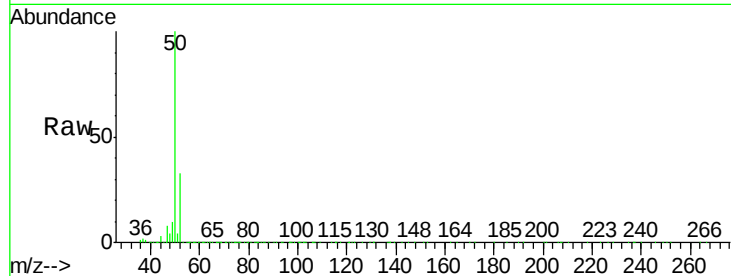
50 100

52 33.0 26.1 39.1

Manual Integrations  
APPROVED

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2/26/2019 2:57:34 PM



#4

Vinyl Chloride

Concen: 46.789 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007665.D

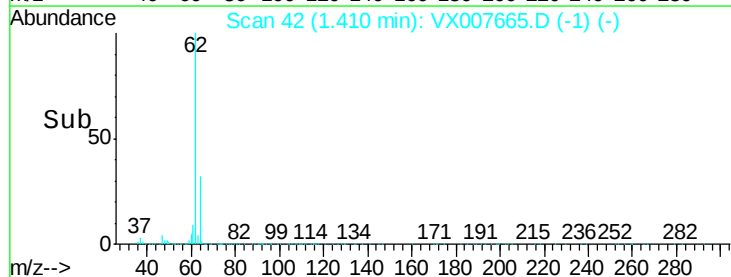
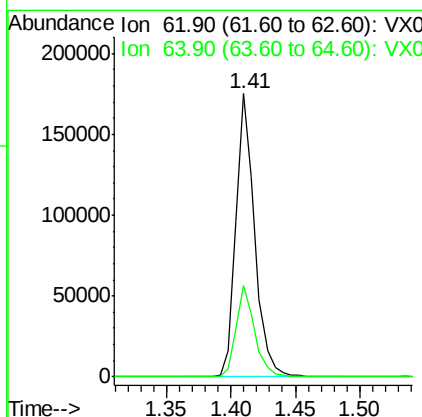
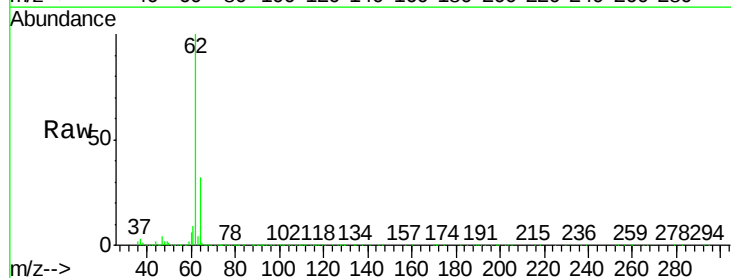
Acq: 25 Feb 2019 11:08

Tgt Ion: 62 Resp: 179208

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 26.424 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 115206

Ion Ratio Lower Upper

94 100

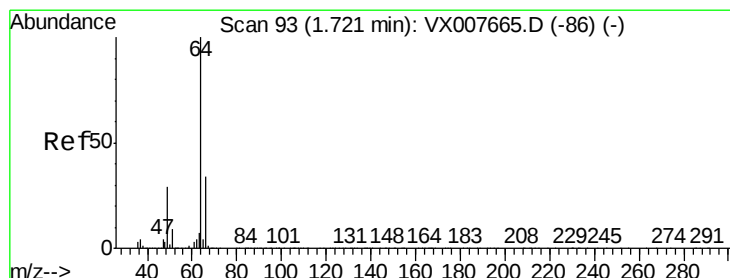
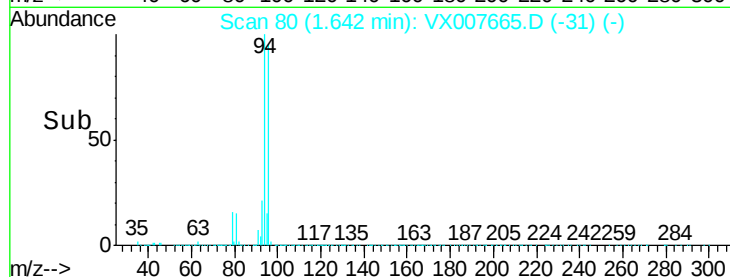
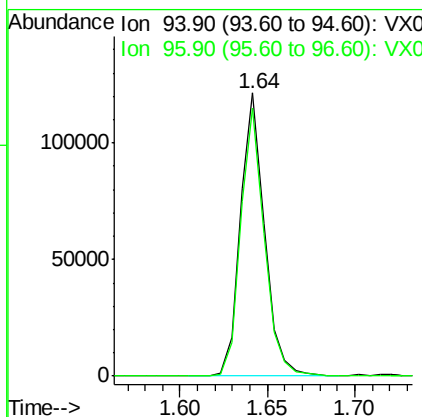
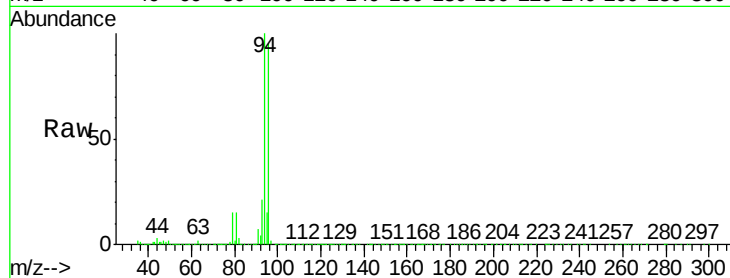
96 94.5 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

2/26/2019 2:57:34 PM



#6

Chloroethane

Concen: 44.928 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007665.D

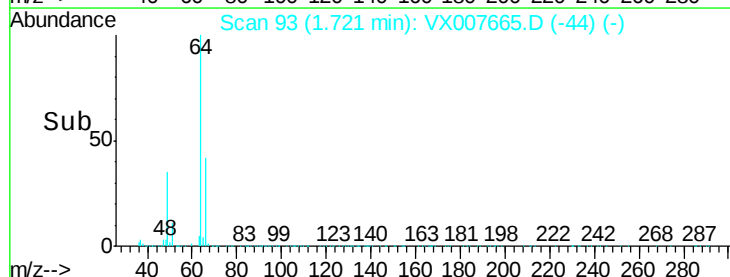
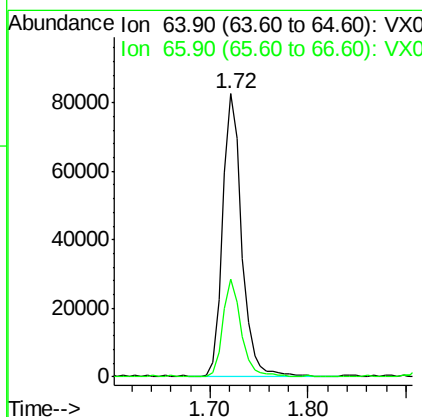
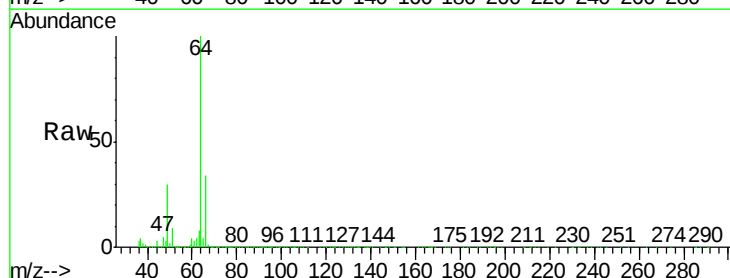
Acq: 25 Feb 2019 11:08

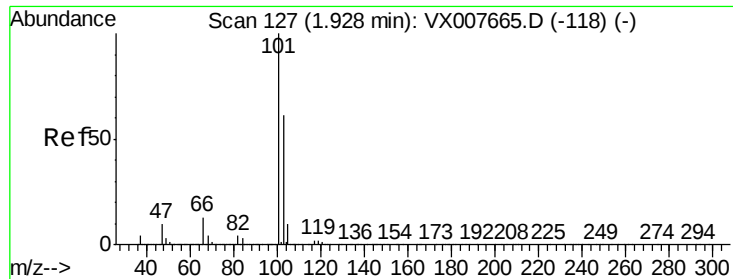
Tgt Ion: 64 Resp: 111316

Ion Ratio Lower Upper

64 100

66 34.3 25.5 38.3





#7

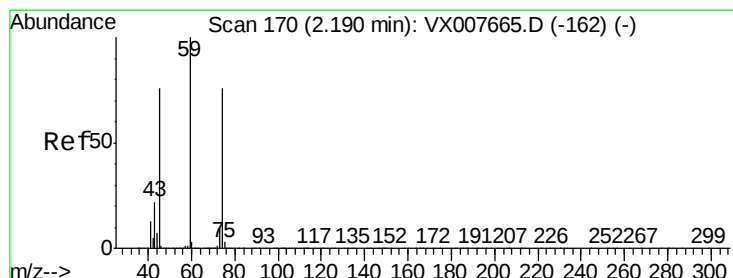
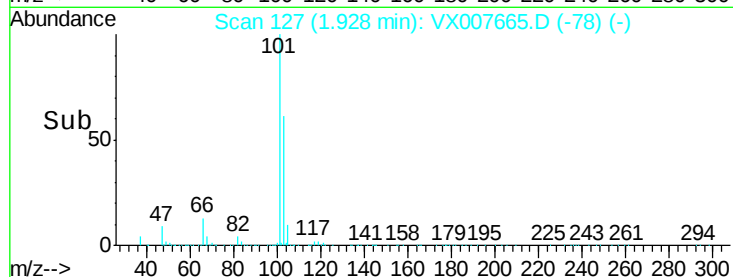
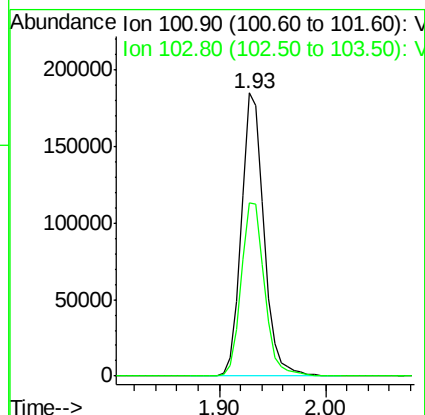
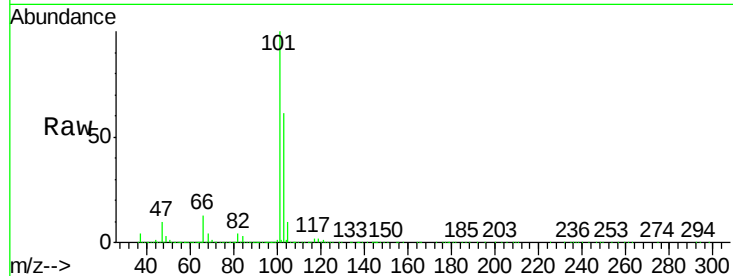
Trichlorofluoromethane  
Concen: 45.882 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.2  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

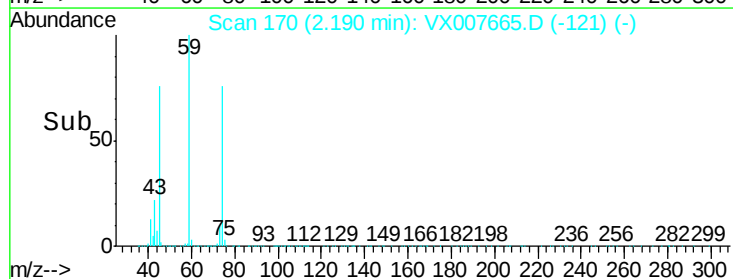
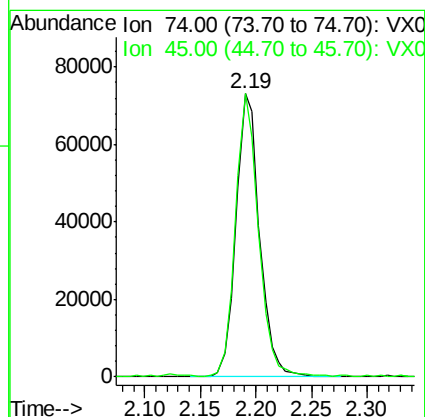
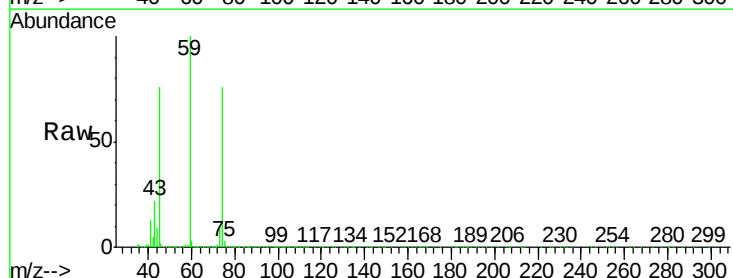
MMDadoda  
2/26/2019 2:57:34 PM

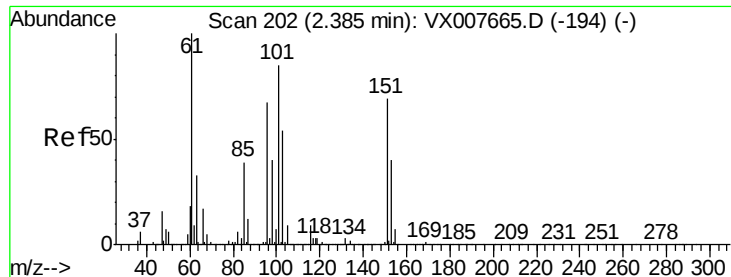


#8

Diethyl Ether  
Concen: 47.473 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.0  | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.975 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

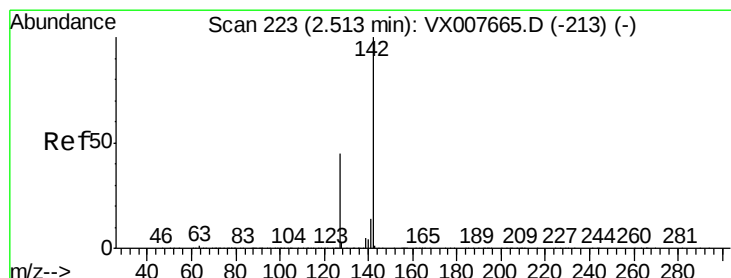
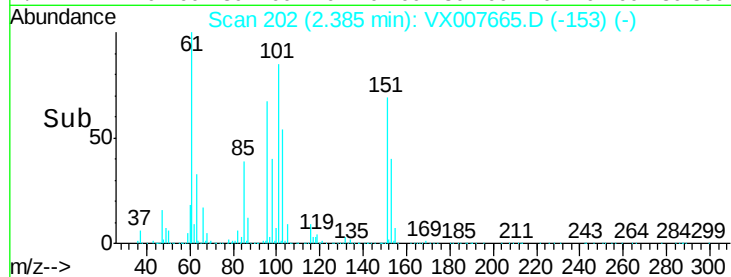
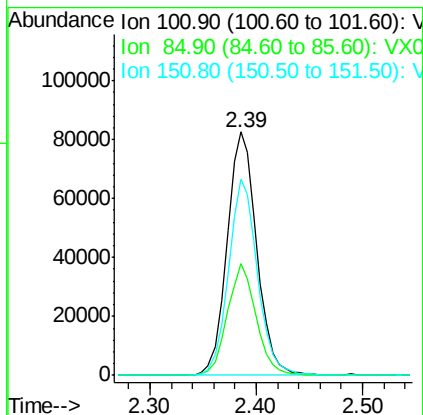
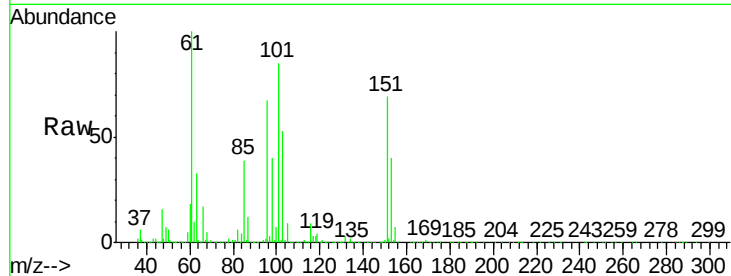
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 160290 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.7  | 34.1  | 51.1   |
| 151       | 79.2  | 69.9  | 104.9  |

Manual Integrations  
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2/26/2019 2:57:34 PM



#10

Methyl Iodide

Concen: 42.656 ug/l

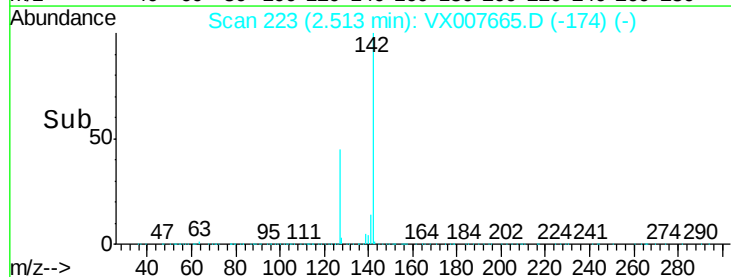
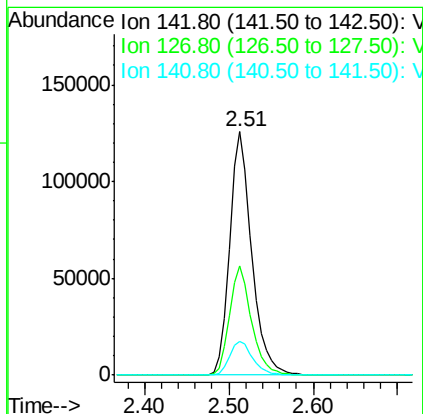
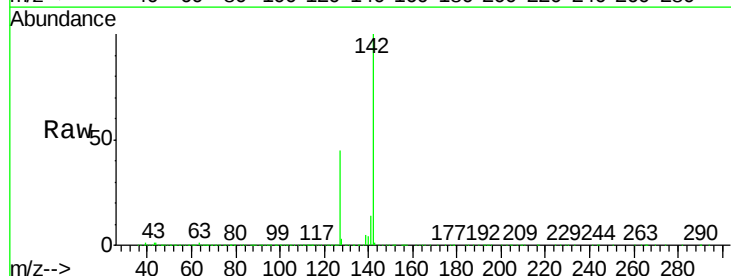
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 223638 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.7  | 33.7  | 50.5   |
| 141       | 14.6  | 11.3  | 16.9   |





#11

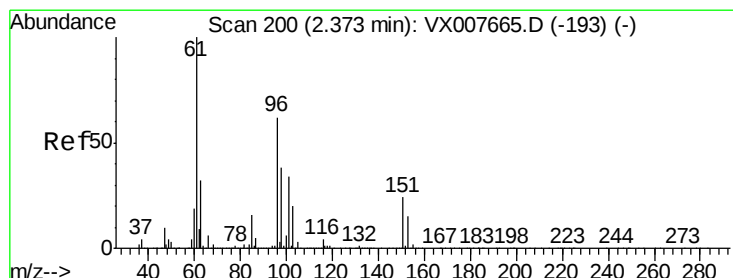
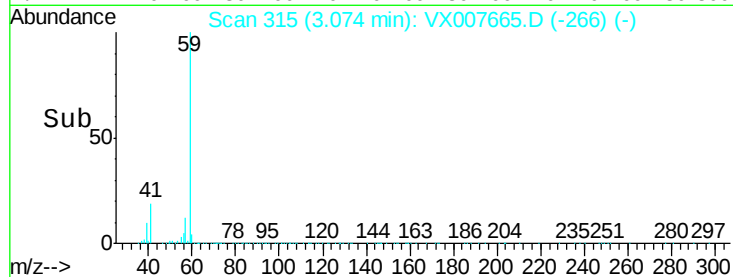
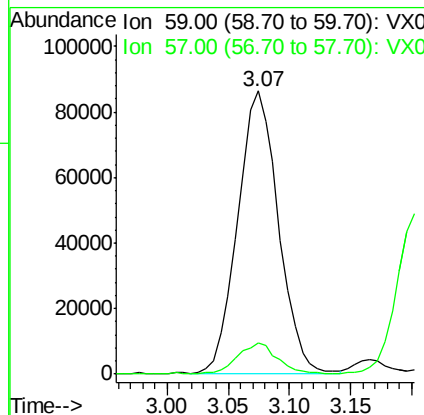
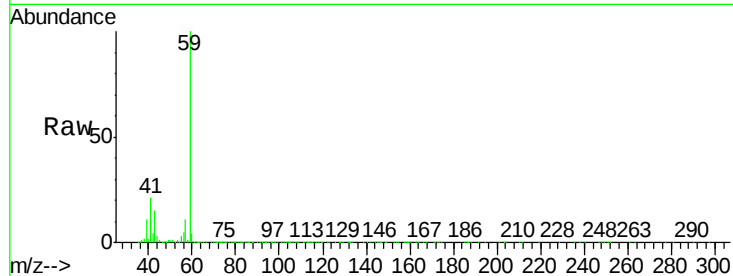
Tert butyl alcohol  
Concen: 261.525 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.1   | 12.1  |

Manual Integrations  
APPROVED

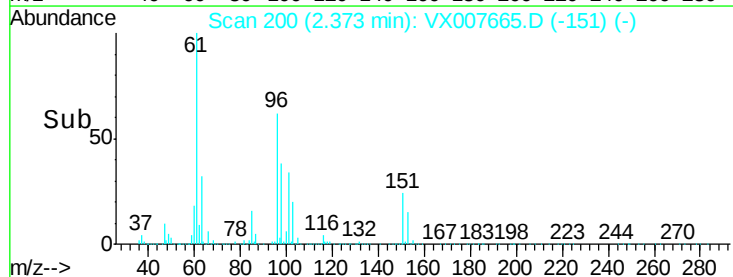
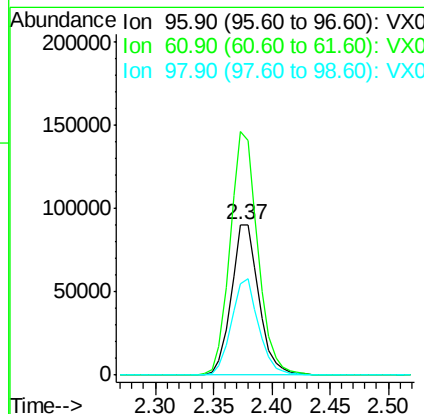
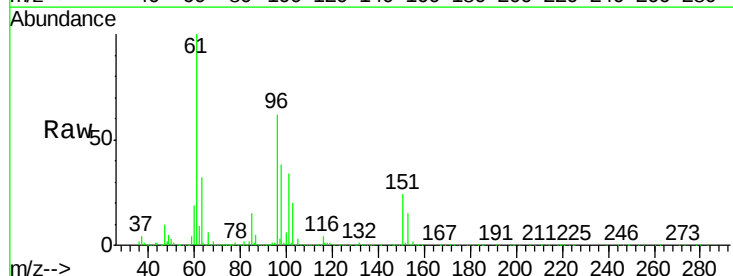
MMDadoda  
2/26/2019 2:57:34 PM

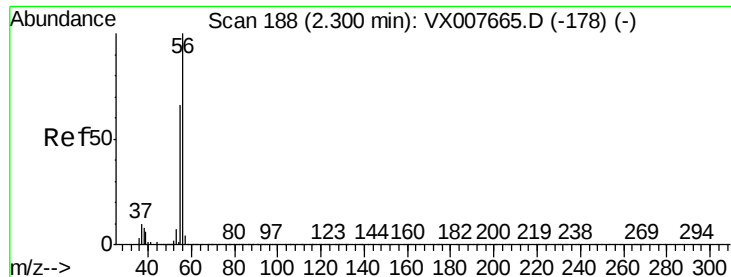


#12

1,1-Dichloroethene  
Concen: 45.154 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.8 | 123.0 | 184.4 |
| 98      | 60.7  | 50.9  | 76.3  |





#13

Acrolein

Concen: 503.407 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion: 56 Resp: 179733

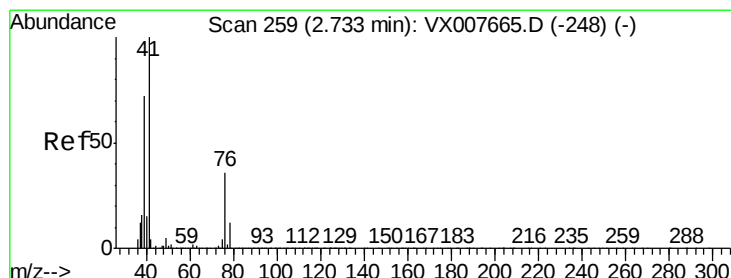
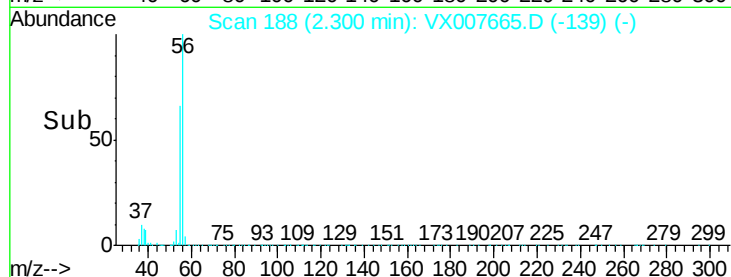
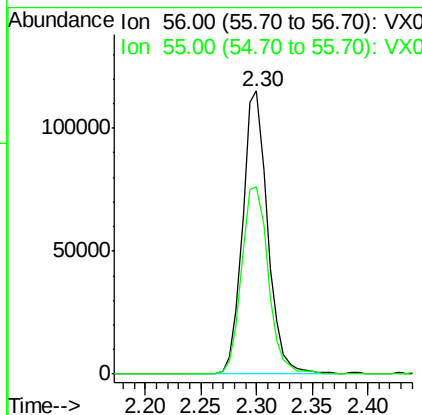
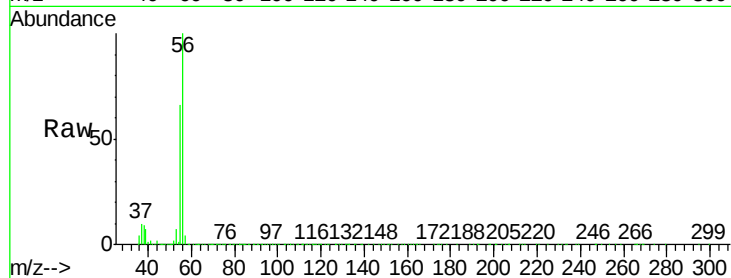
Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3

Manual Integrations  
APPROVED

MMDadoda  
2/26/2019 2:57:34 PM



#14

Allyl chloride

Concen: 51.500 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

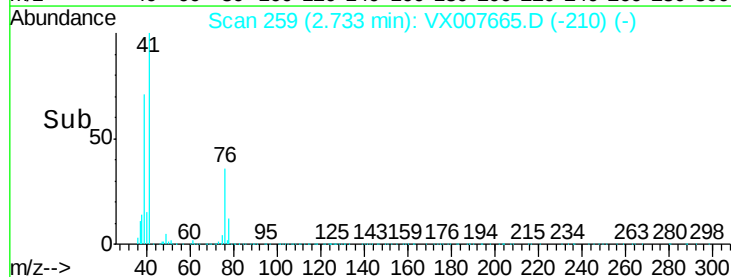
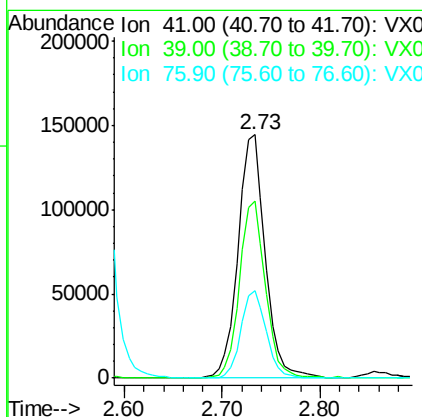
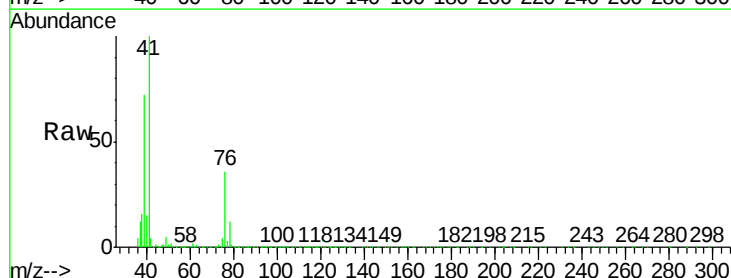
Tgt Ion: 41 Resp: 277711

Ion Ratio Lower Upper

41 100

39 68.8 54.1 81.1

76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 254.780 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

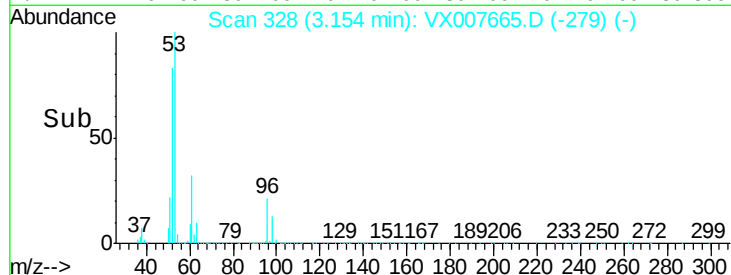
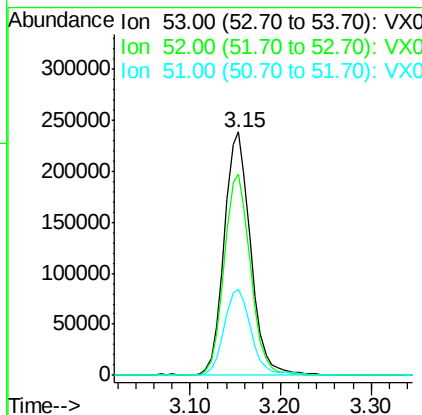
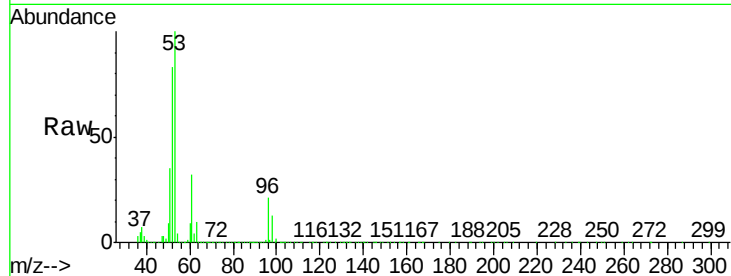
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 479879 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.5 | 66.4  | 99.6   |
| 51        | 36.3 | 28.4  | 42.6   |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2019 2:57:34 PM



#16

Acetone

Concen: 271.411 ug/l

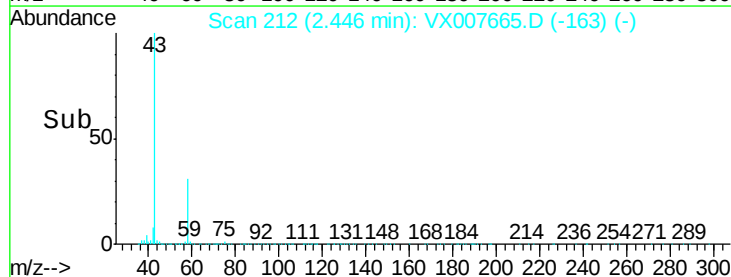
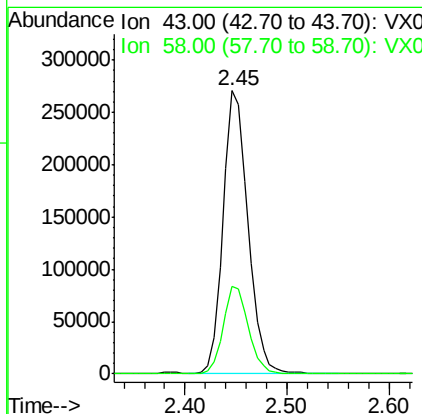
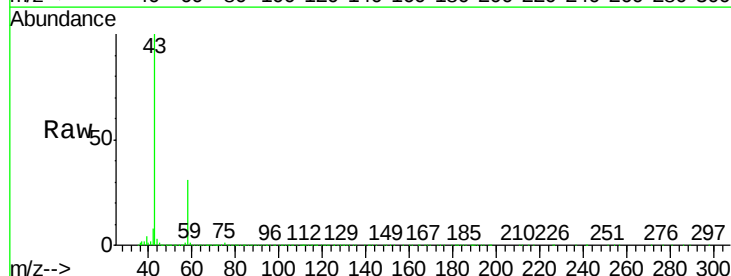
RT: 2.45 min Scan# 212

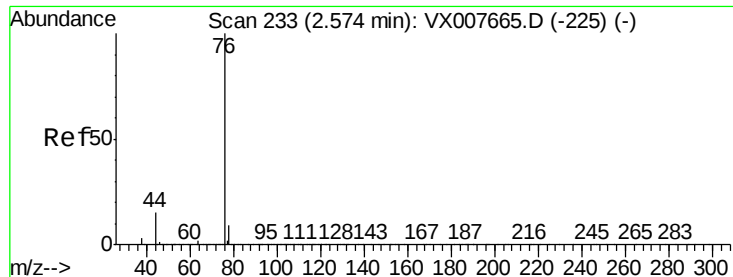
Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 457403 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.1 | 24.9  | 37.3   |





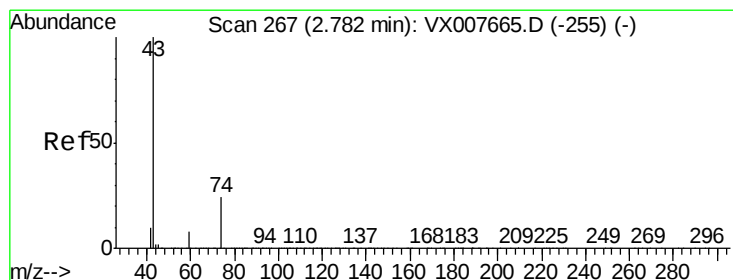
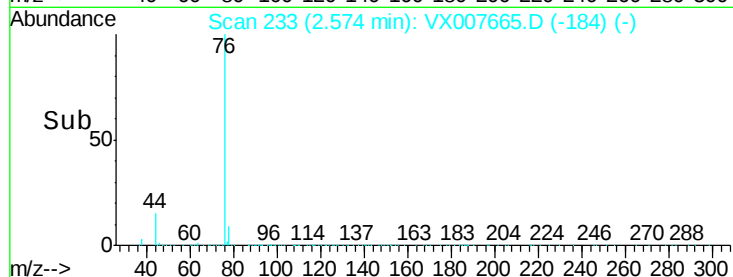
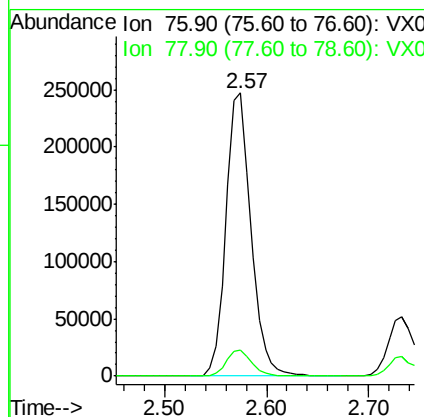
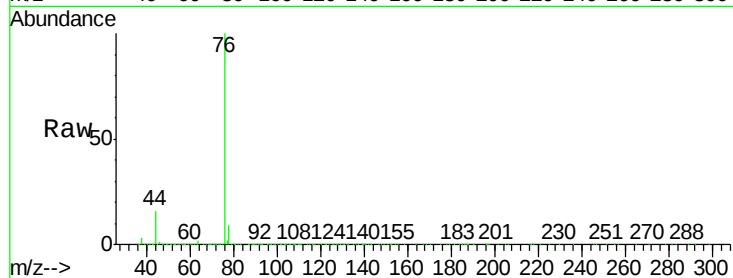
#17  
Carbon Disulfide  
Concen: 48.050 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.1   | 10.7  |

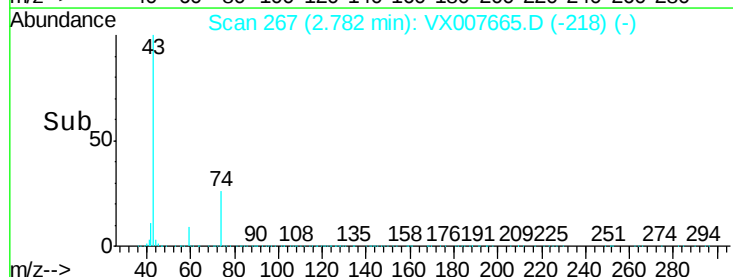
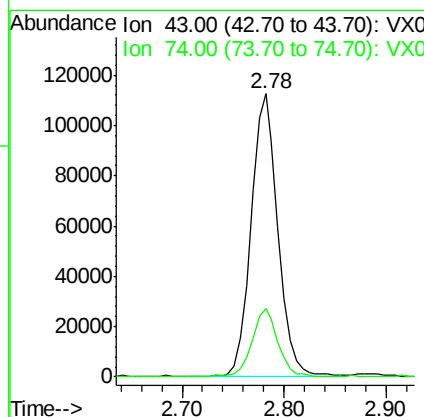
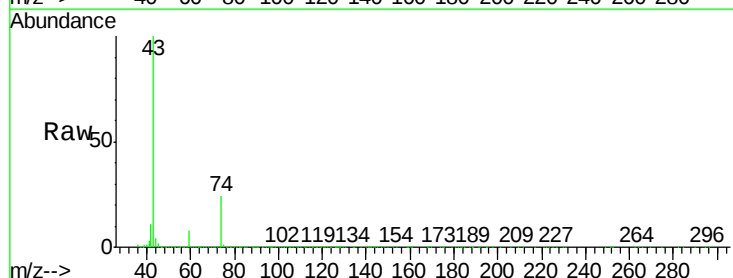
Manual Integrations  
APPROVED

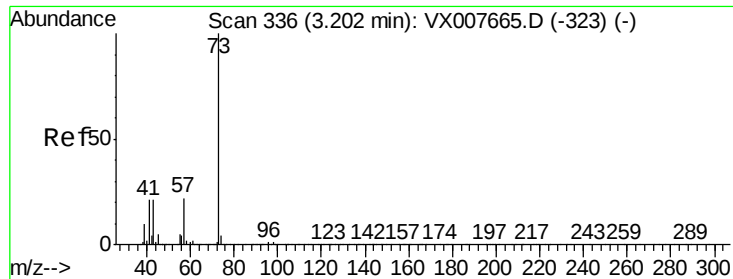
MMDadoda  
2/26/2019 2:57:34 PM



#18  
Methyl Acetate  
Concen: 42.924 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.5  | 19.4  | 29.2  |





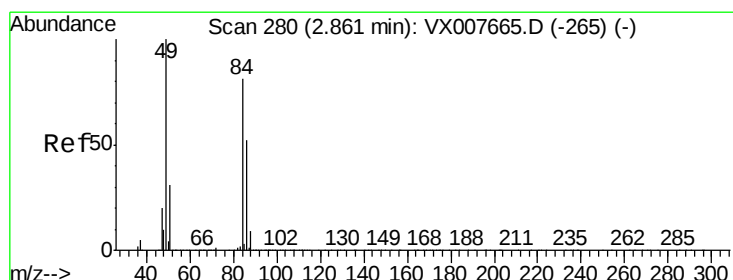
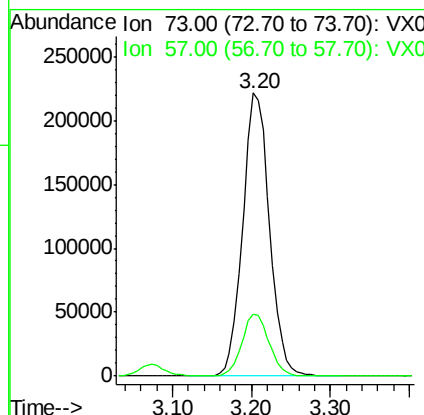
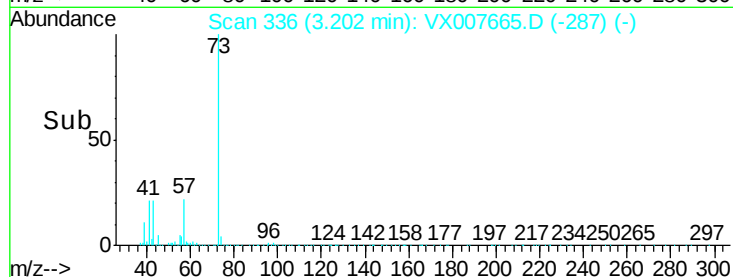
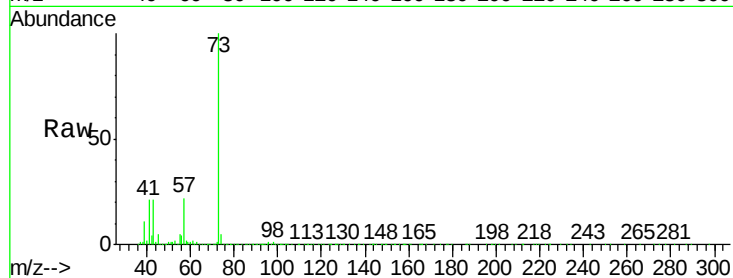
#19  
Methvl tert-butvl Ether  
Concen: 48.671 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.0  | 17.8  | 26.8  |

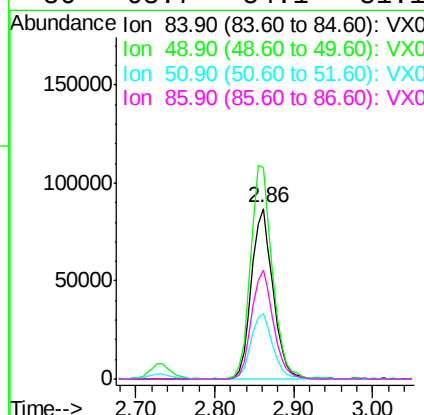
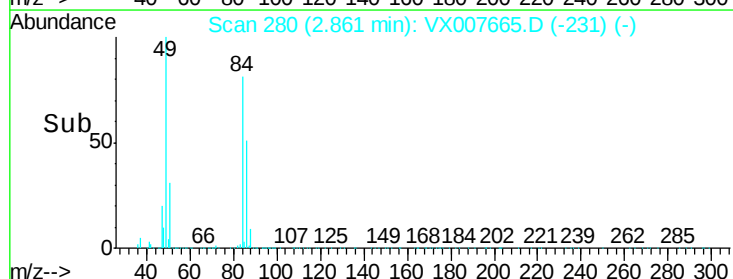
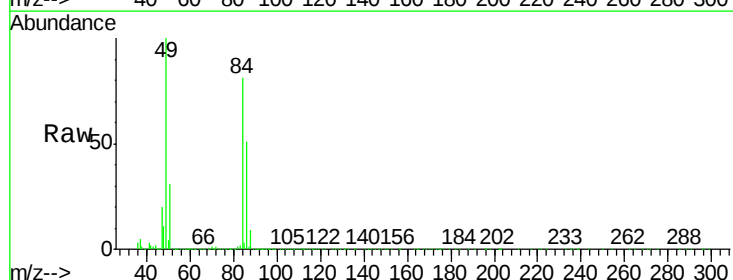
Manual Integrations  
APPROVED

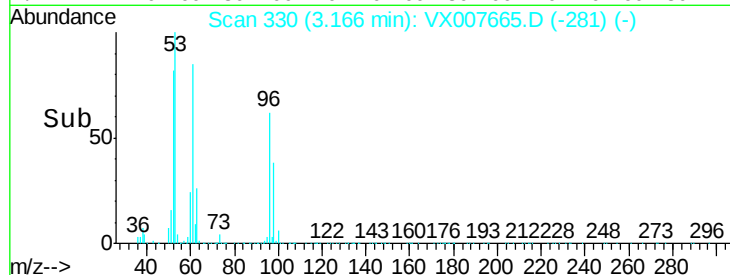
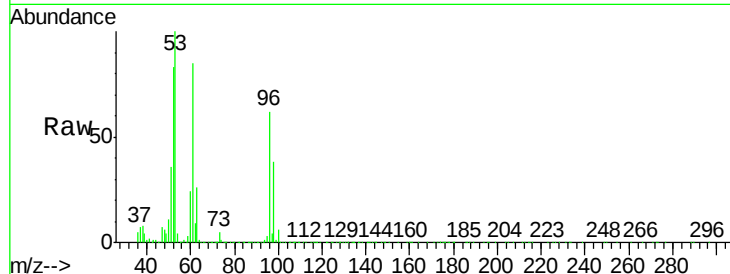
MMDadoda  
2/26/2019 2:57:34 PM



#20  
Methylene Chloride  
Concen: 43.610 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 123.7 | 94.8  | 142.2 |
| 51      | 38.3  | 29.8  | 44.8  |
| 86      | 63.7  | 54.1  | 81.1  |





#21

trans-1,2-Dichloroethene

Concen: 46.399 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007665.D

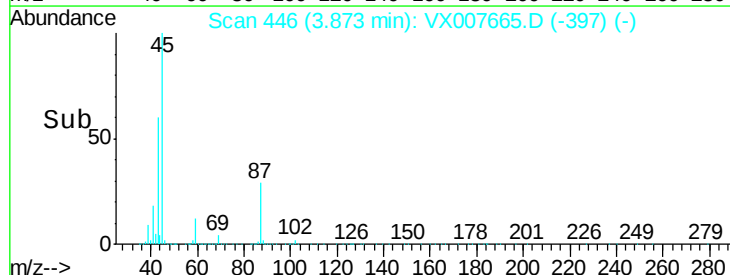
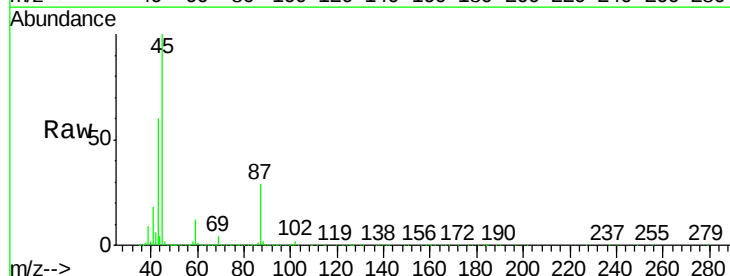
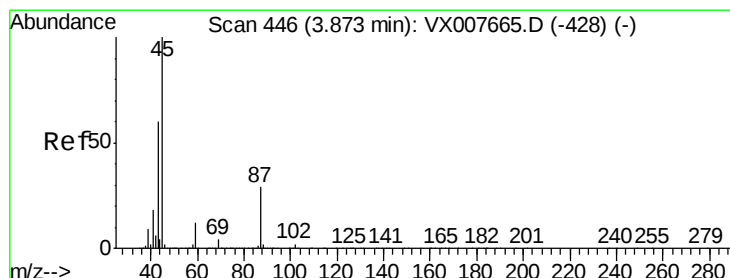
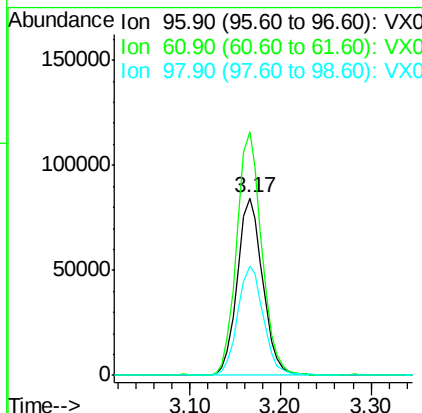
Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 163577 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 136.9 | 104.6 | 156.8  |
| 98        | 61.3  | 51.0  | 76.4   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

MMDadoda  
2/26/2019 2:57:34 PM



#22

Diisopropyl ether

Concen: 59.463 ug/l

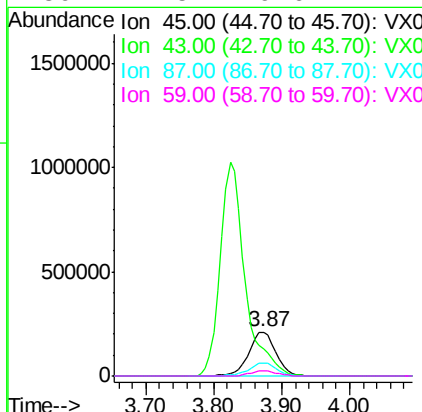
RT: 3.87 min Scan# 446

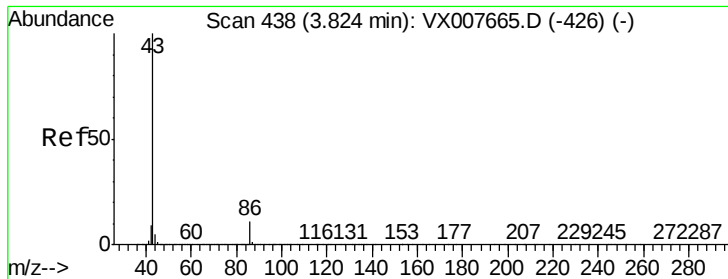
Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 589812 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 60.2  | 48.9  | 73.3   |
| 87        | 29.1  | 23.9  | 35.9   |
| 59        | 11.5  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 316.961 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2608905

Ion Ratio Lower Upper

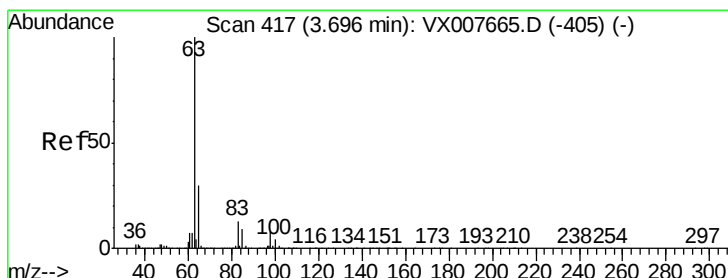
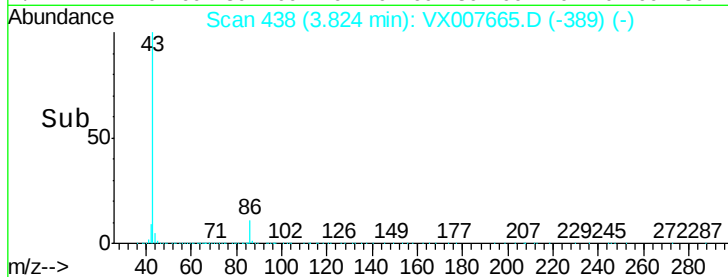
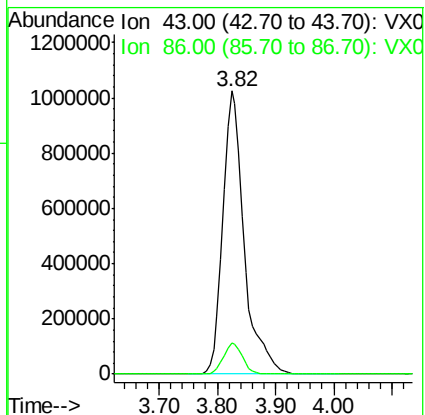
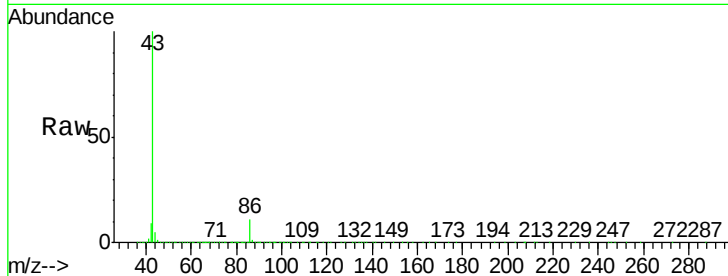
43 100

86 10.8 8.7 13.1

Manual Integrations  
APPROVED

MMDadoda

2/26/2019 2:57:34 PM



#24

1,1-Dichloroethane

Concen: 55.181 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

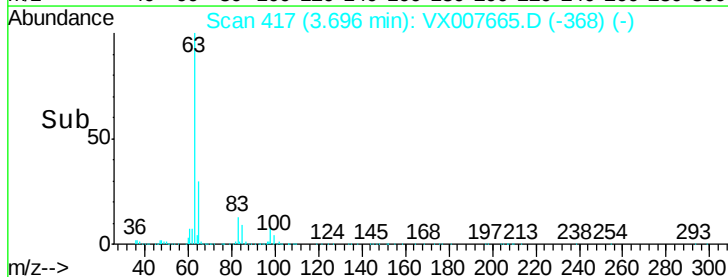
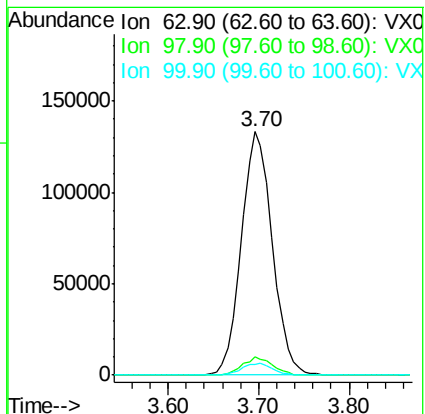
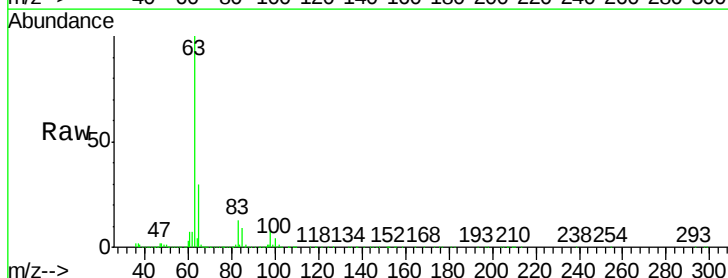
Tgt Ion: 63 Resp: 314322

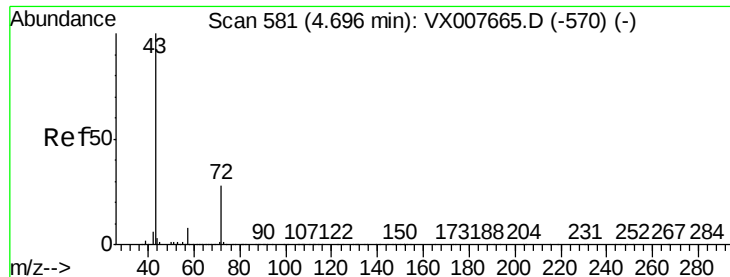
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 305.296 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 732210

Ion Ratio Lower Upper

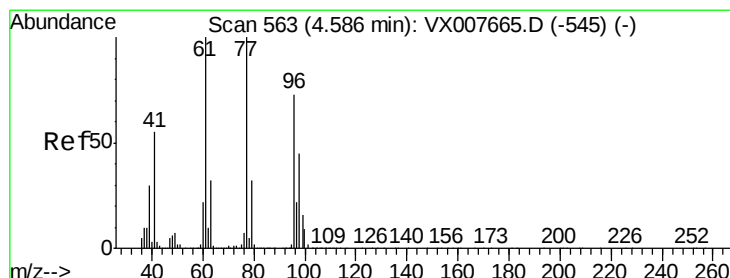
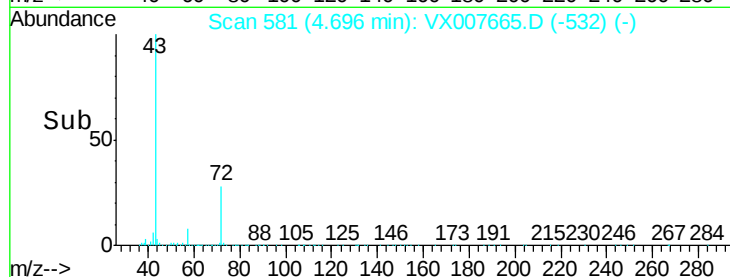
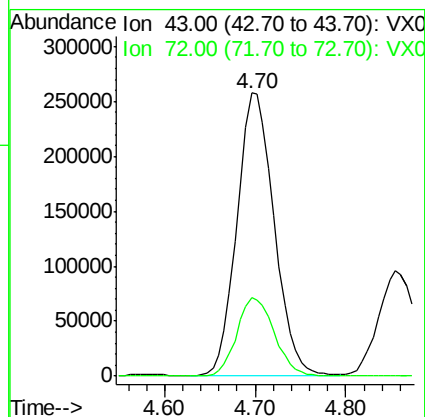
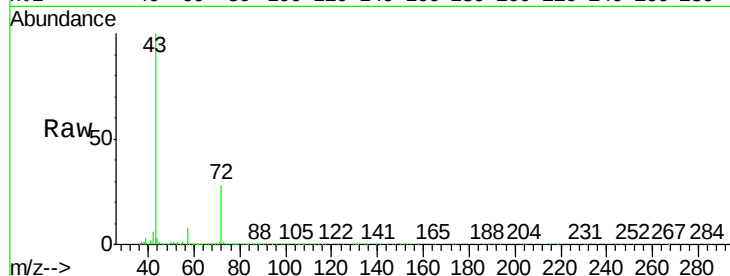
43 100

72 27.5 22.2 33.2

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 57.810 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007665.D

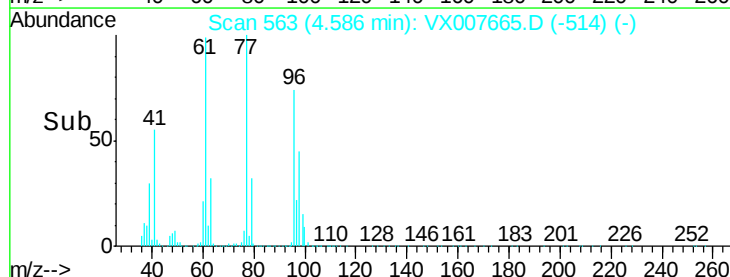
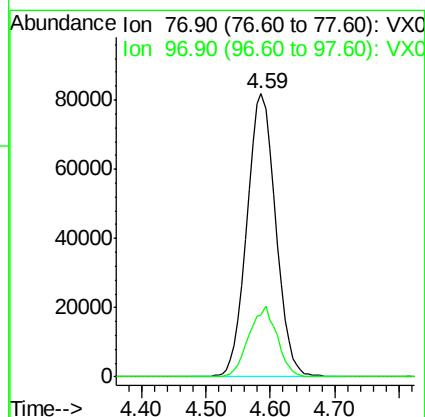
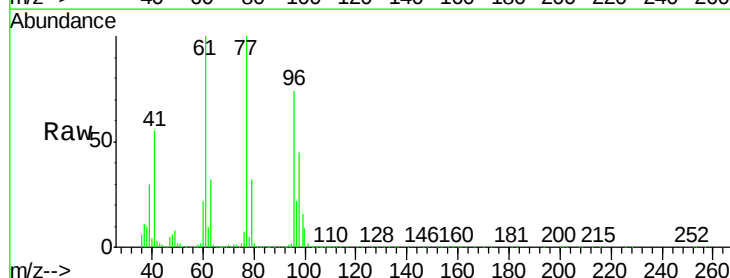
Acq: 25 Feb 2019 11:08

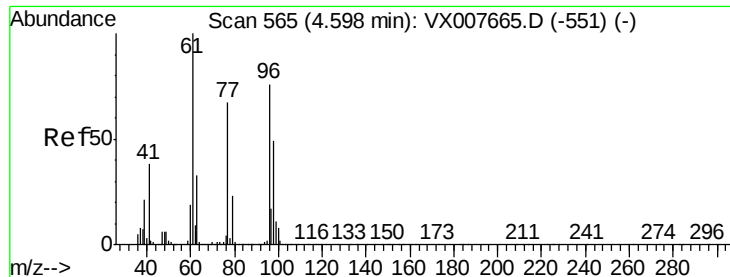
Tgt Ion: 77 Resp: 250782

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3





#27

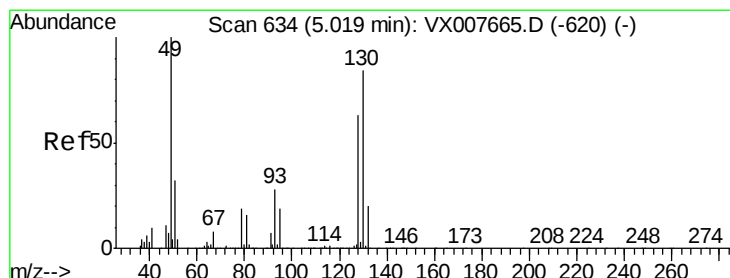
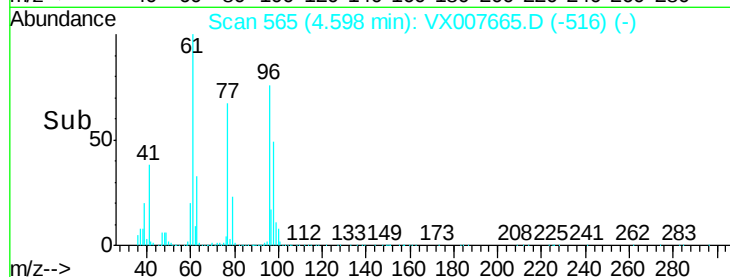
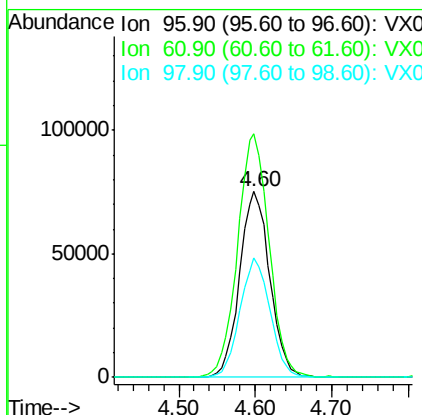
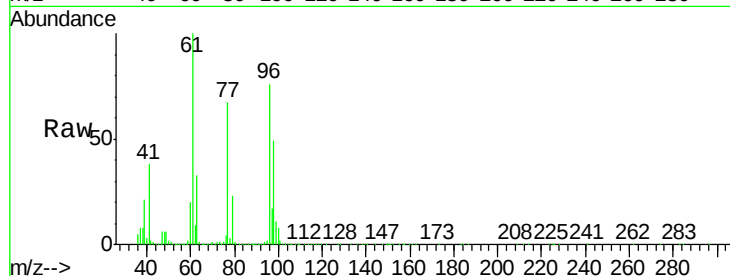
cis-1,2-Dichloroethene  
Concen: 53.414 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 205680 |       |       |
| 61      | 137.3 | 0.0    | 265.6 |       |
| 98      | 64.1  | 0.0    | 131.6 |       |

Manual Integrations  
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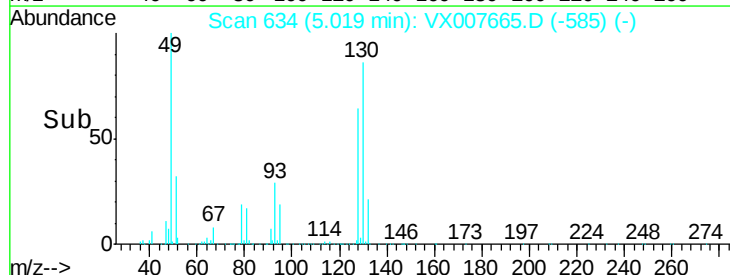
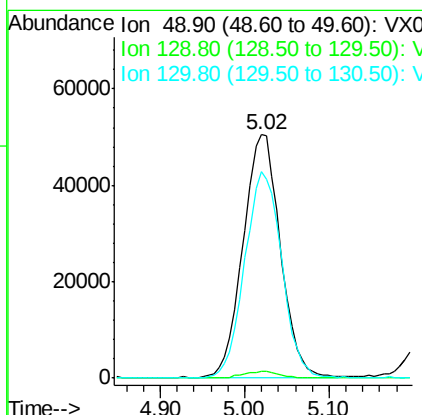
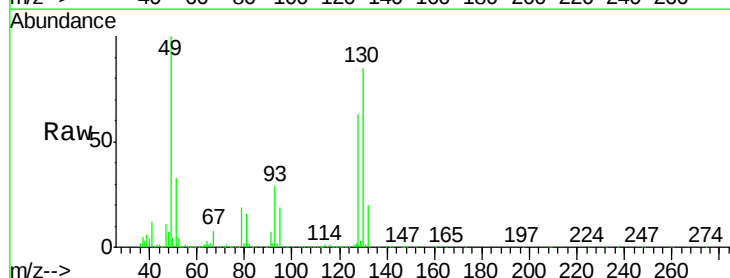
MMDadoda  
2/26/2019 2:57:34 PM

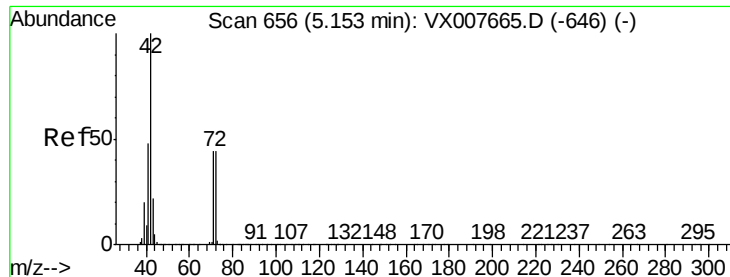


#28

Bromochloromethane  
Concen: 58.254 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 152598 |       |       |
| 129     | 2.6   | 0.0    | 5.6   |       |
| 130     | 84.2  | 75.6   | 113.4 |       |





#29

Tetrahydrofuran

Concen: 318.468 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

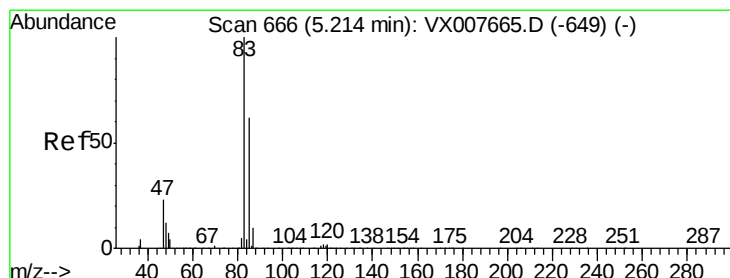
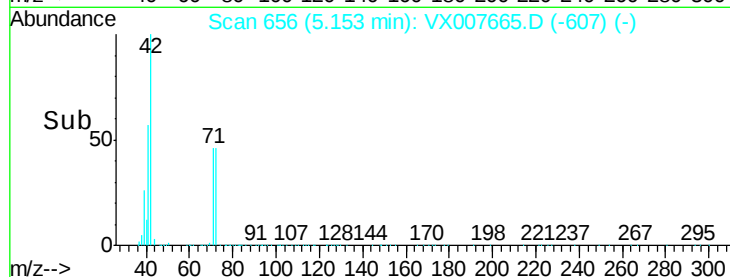
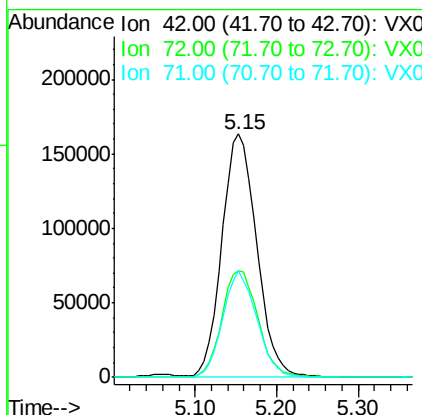
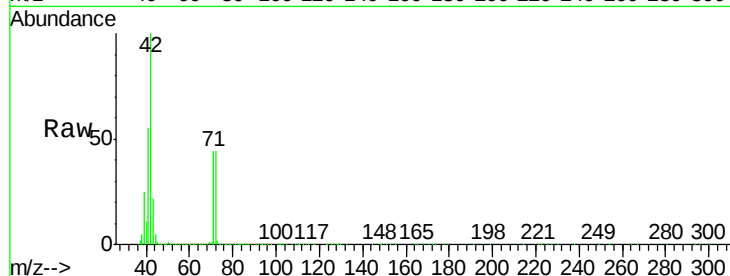
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 480378 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 45.8 | 37.6  | 56.4   |
| 71        | 42.9 | 34.6  | 51.8   |

Manual Integrations  
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#30

Chloroform

Concen: 56.596 ug/l

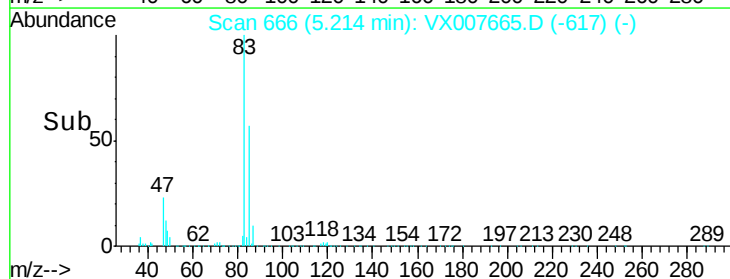
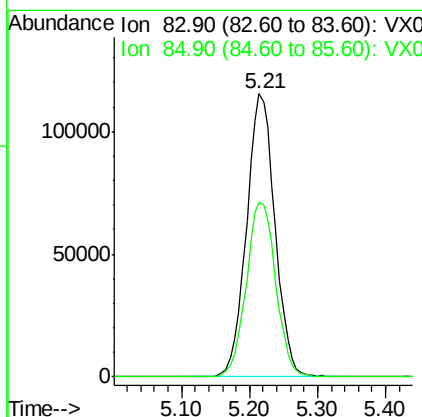
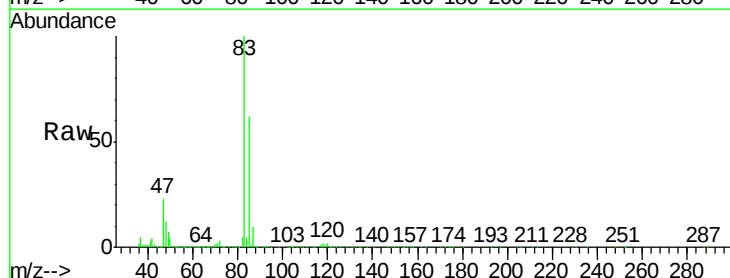
RT: 5.21 min Scan# 666

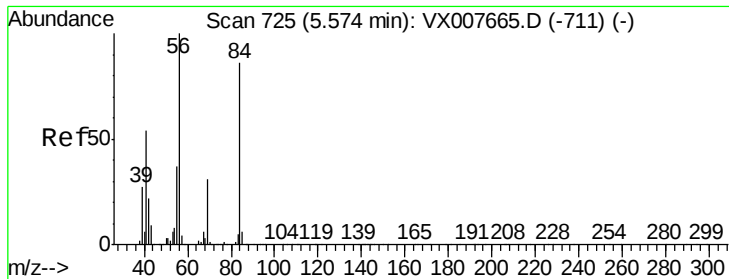
Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 336401 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 61.7 | 51.6  | 77.4   |





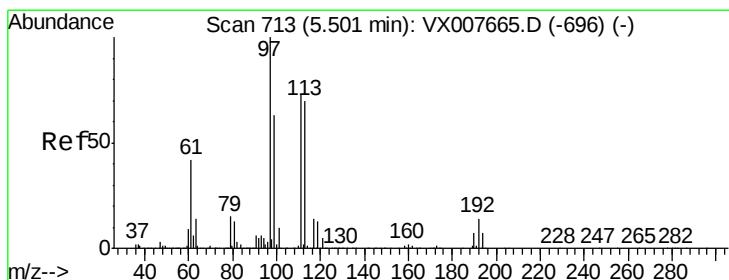
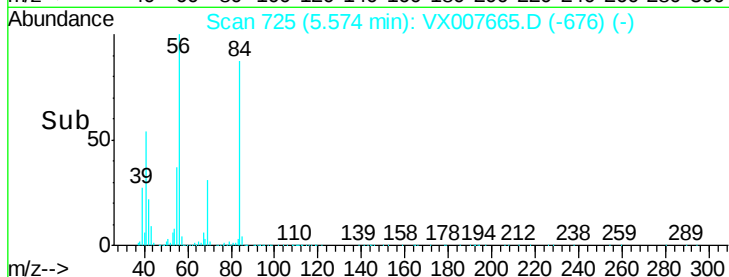
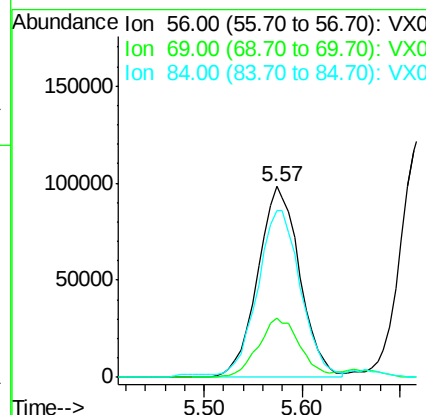
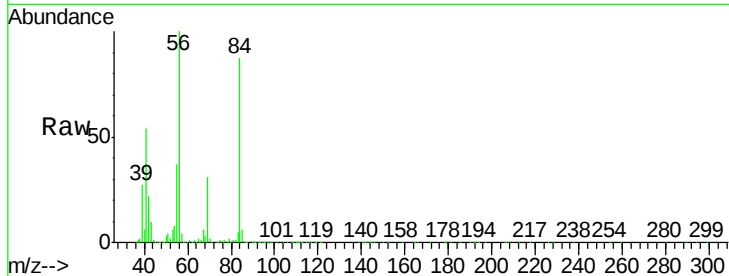
#31  
Cyclohexane  
Concen: 57.043 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.4  | 23.0  | 34.6  |
| 84      | 86.0  | 69.8  | 104.6 |

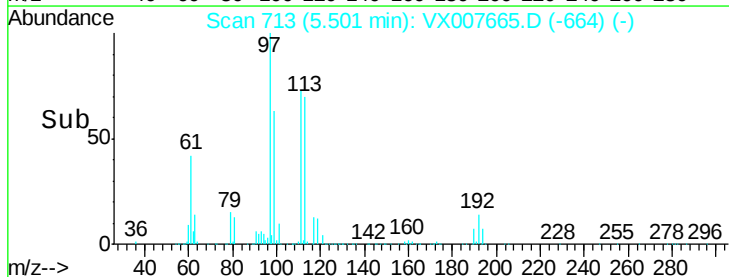
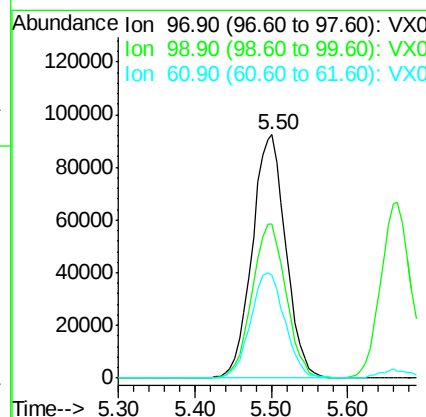
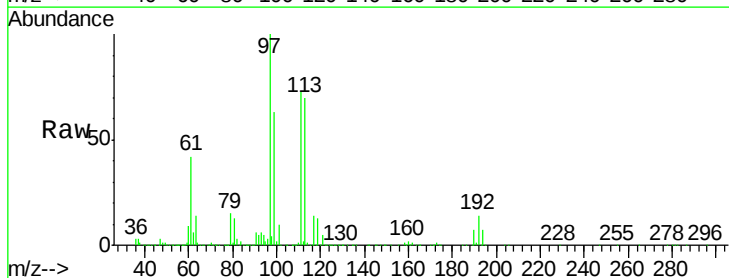
Manual Integrations  
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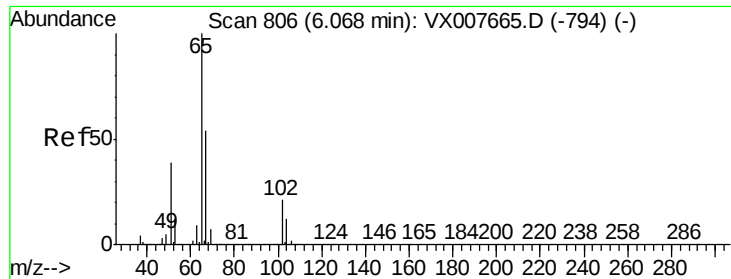
MMDadoda  
2/26/2019 2:57:34 PM



#32  
1,1,1-Trichloroethane  
Concen: 56.232 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 52.2  | 78.2  |
| 61      | 43.9  | 32.7  | 49.1  |





#33

1,2-Dichloroethane-d4

Concen: 58.569 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 215478

Ion Ratio Lower Upper

65 100

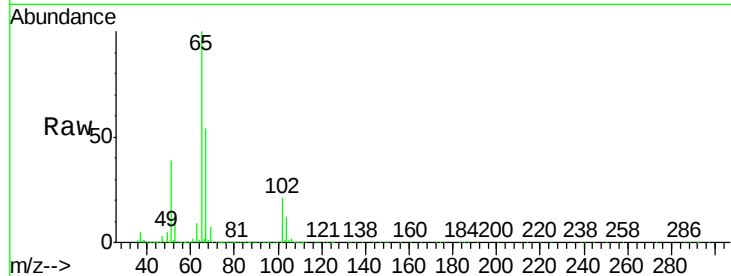
67 53.5 0.0 108.8

Manual Integrations

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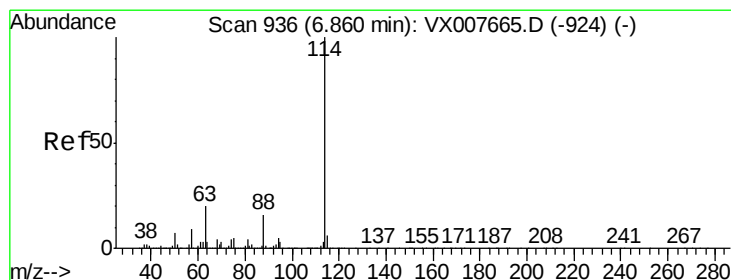
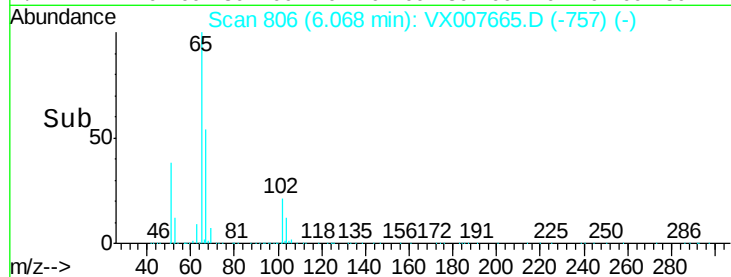
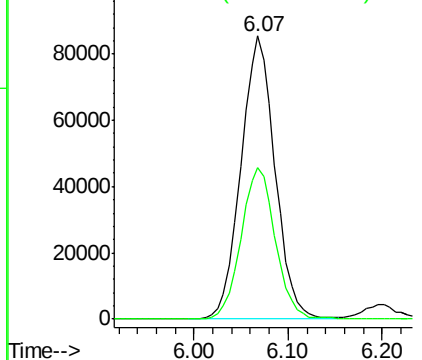
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

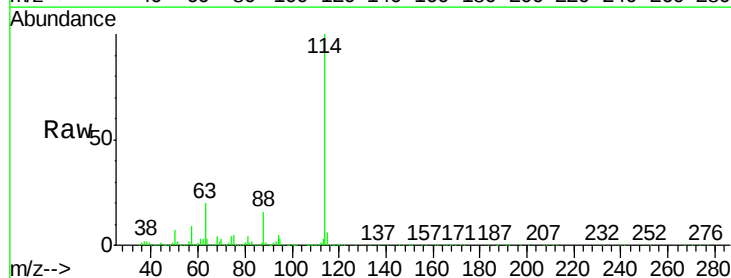
Tgt Ion: 114 Resp: 555363

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.6

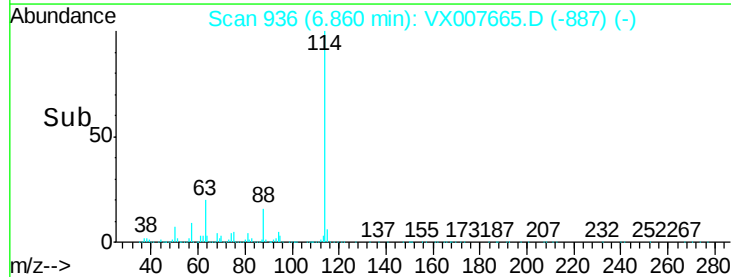
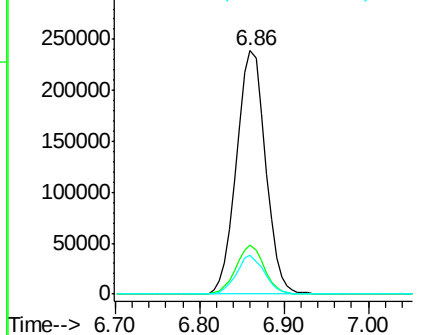
88 15.7 0.0 29.6

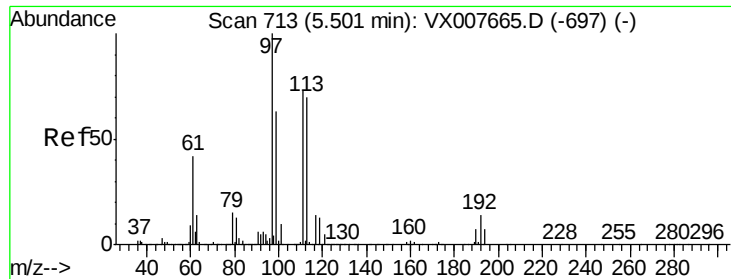


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.641 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

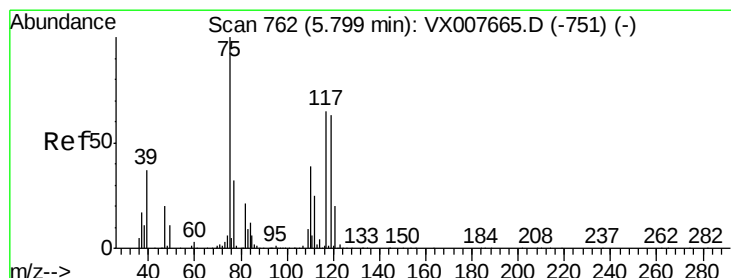
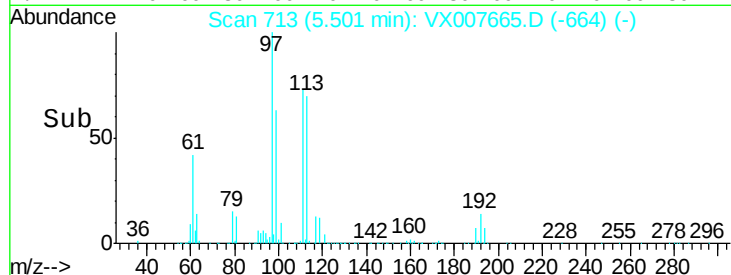
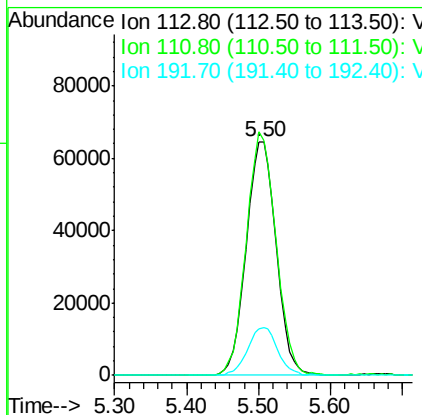
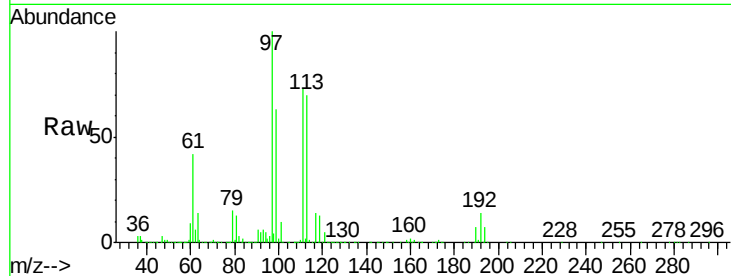
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 186606 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.3 | 81.8  | 122.8  |
| 192       | 20.7  | 18.5  | 27.7   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 48.998 ug/l

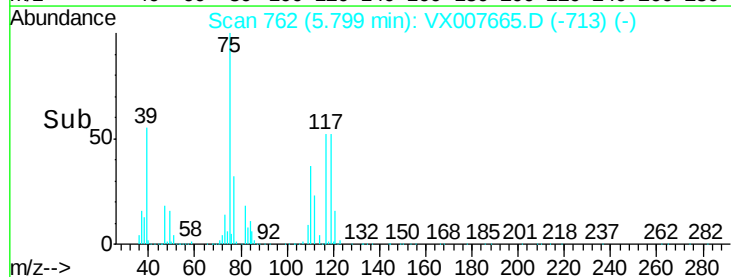
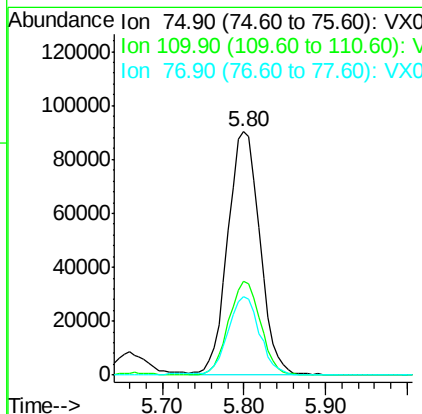
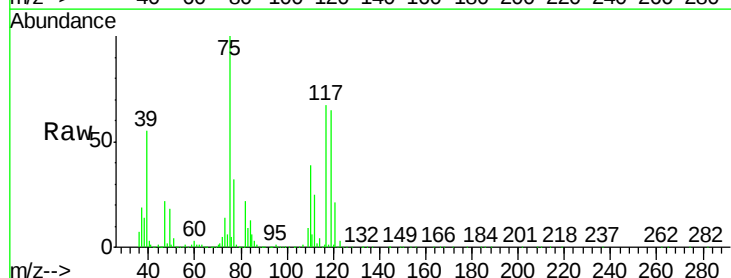
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 244152 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 38.3  | 20.0  | 59.9   |
| 77        | 31.6  | 24.7  | 37.1   |





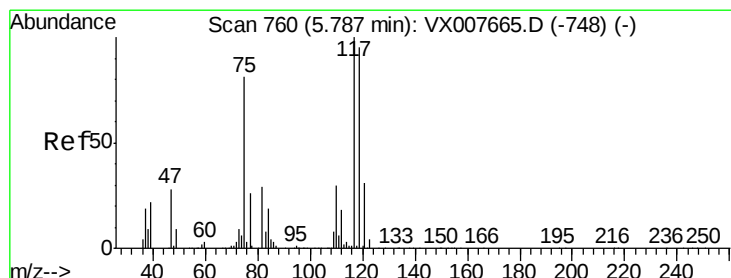
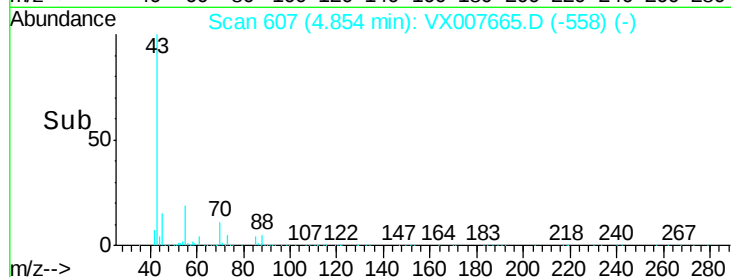
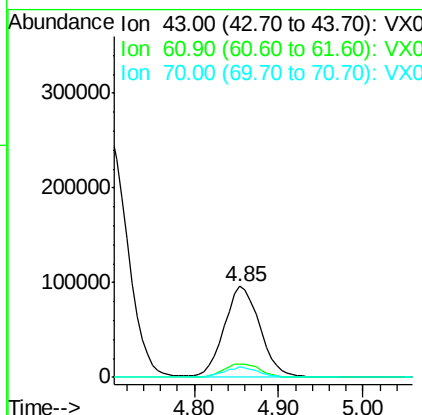
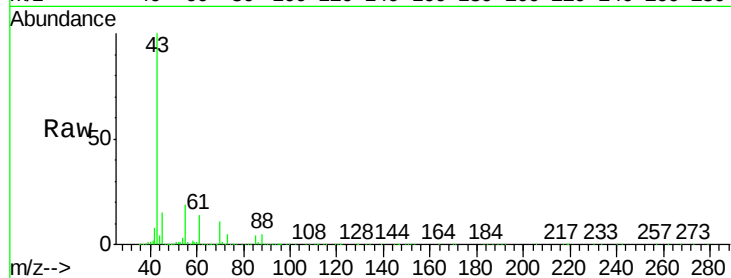
#37  
Ethyl Acetate  
Concen: 54.900 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 11.3  | 16.9  |
| 70      | 10.8  | 8.6   | 13.0  |

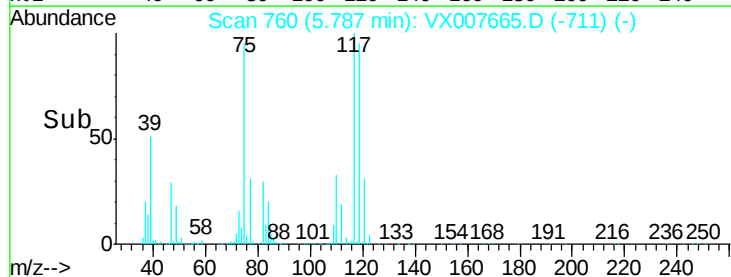
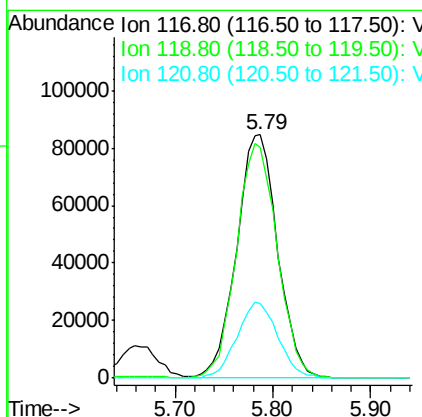
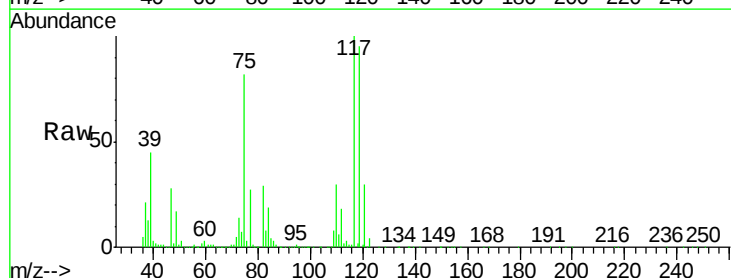
Manual Integrations  
APPROVED

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2/26/2019 2:57:34 PM



#38  
Carbon Tetrachloride  
Concen: 50.576 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 75.3  | 112.9 |
| 121     | 30.5  | 25.0  | 37.4  |





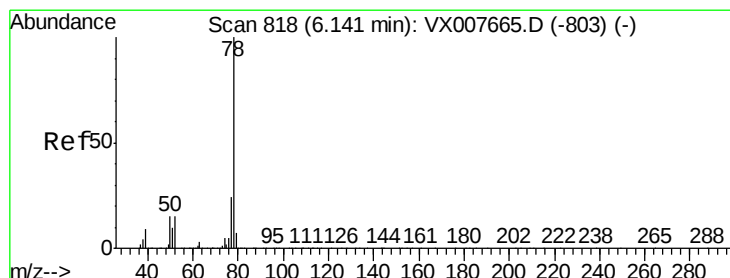
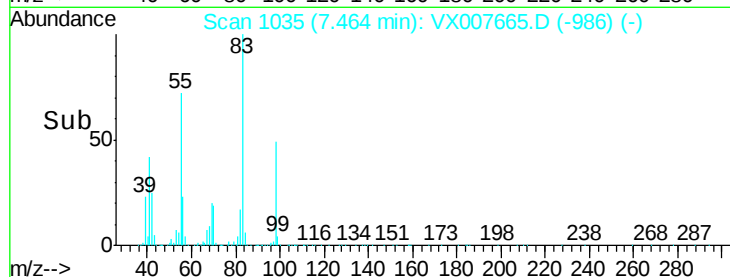
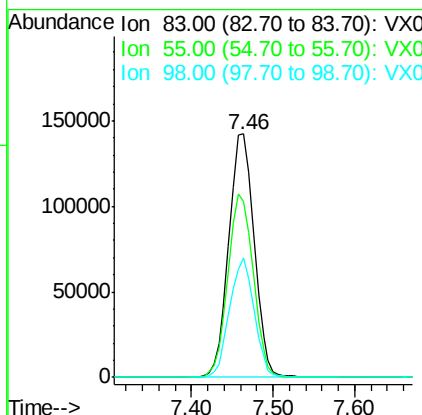
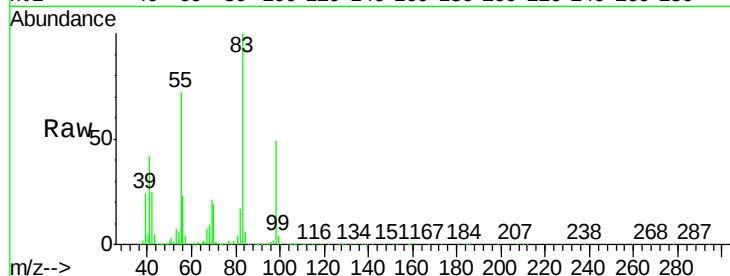
#39  
Methvlcvclohexane  
Concen: 50.824 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.9  | 56.2  | 84.2  |
| 98      | 48.8  | 36.8  | 55.2  |

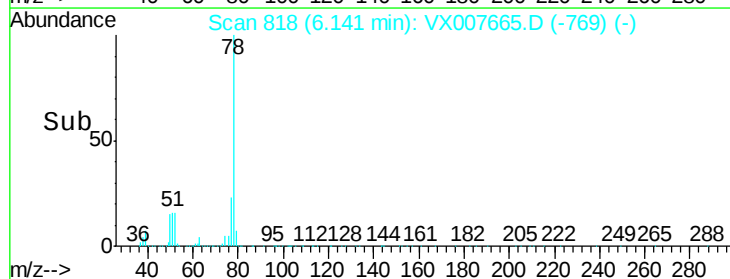
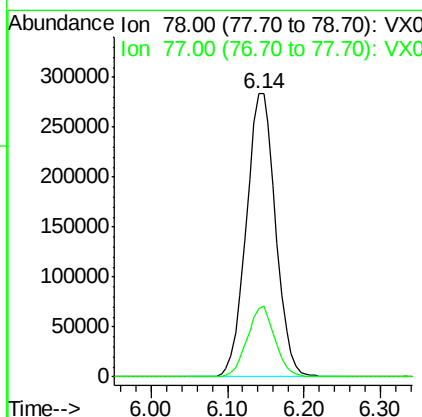
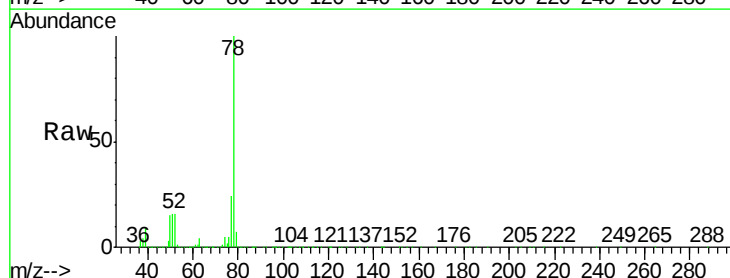
Manual Integrations  
APPROVED

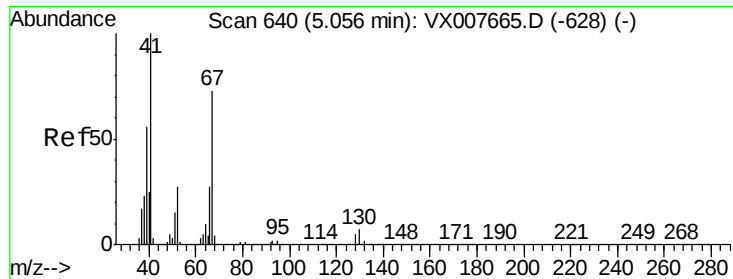
MMDadoda  
2/26/2019 2:57:34 PM



#40  
Benzene  
Concen: 51.556 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 19.3  | 28.9  |





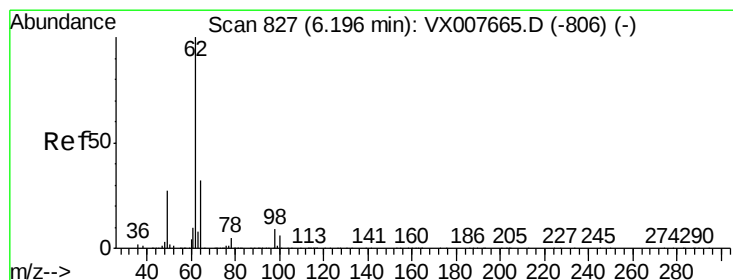
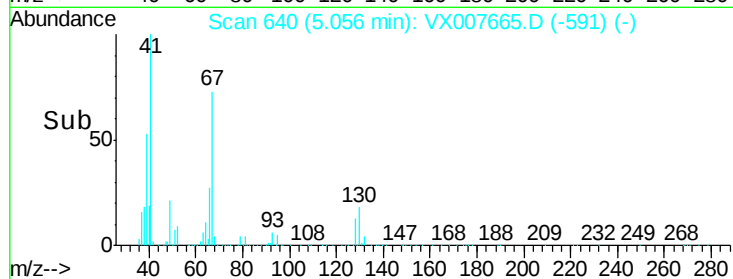
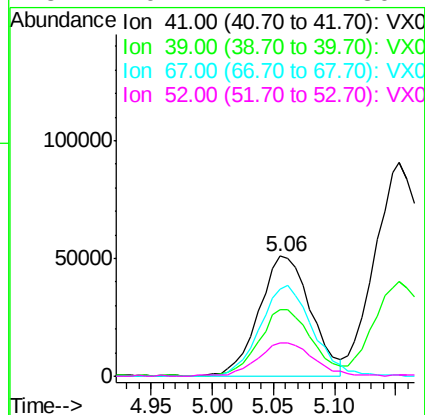
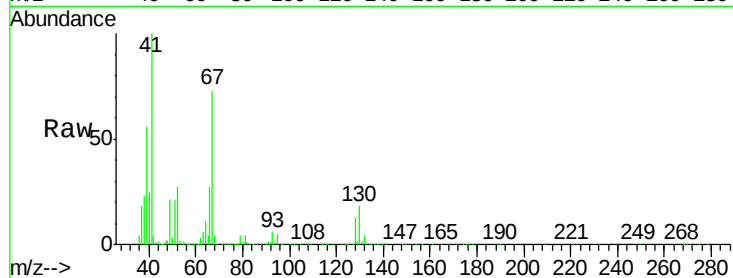
#41  
Methacrylonitrile  
Concen: 55.312 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 149324 |       |       |
| 39      | 55.4 | 44.5  | 66.7   |       |       |
| 67      | 75.9 | 60.4  | 90.6   |       |       |
| 52      | 29.7 | 24.1  | 36.1   |       |       |

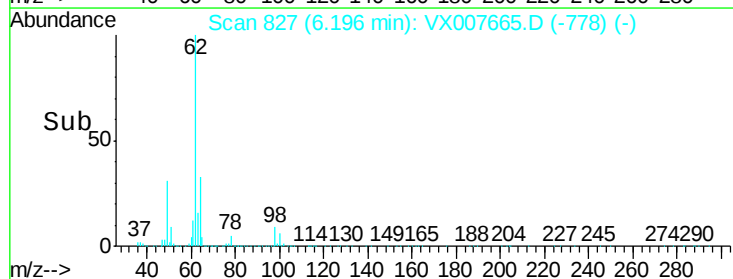
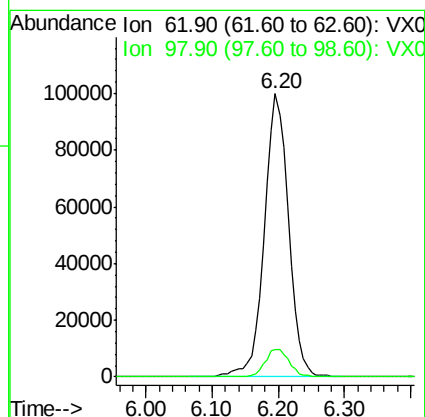
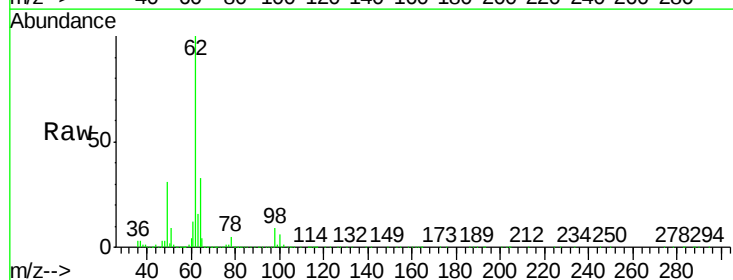
Manual Integrations  
APPROVED

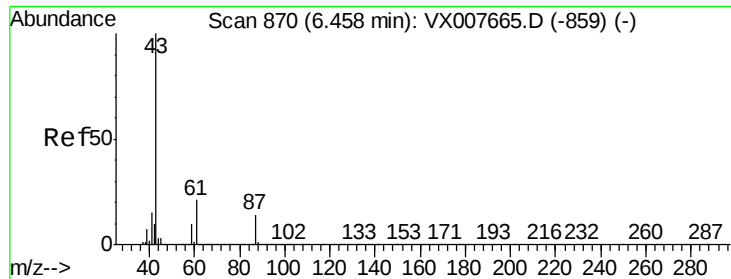
MMDadoda  
2/26/2019 2:57:34 PM



#42  
1,2-Dichloroethane  
Concen: 50.159 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 254737 |       |       |
| 98      | 9.9 | 0.0   | 19.0   |       |       |





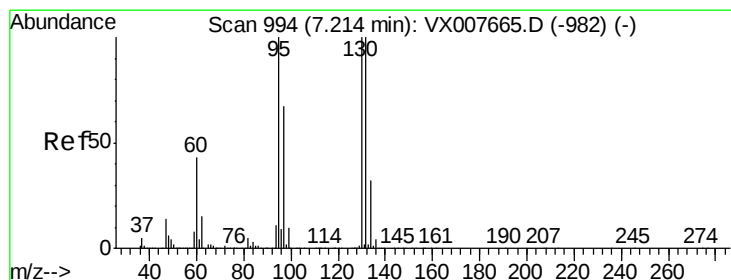
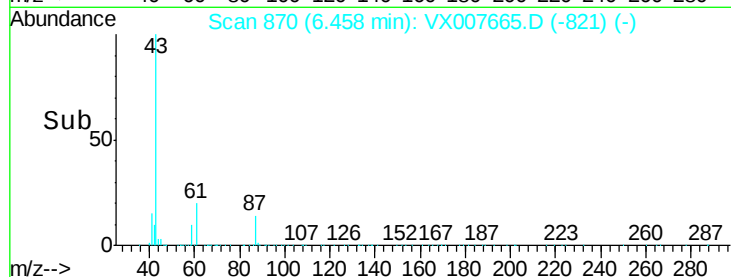
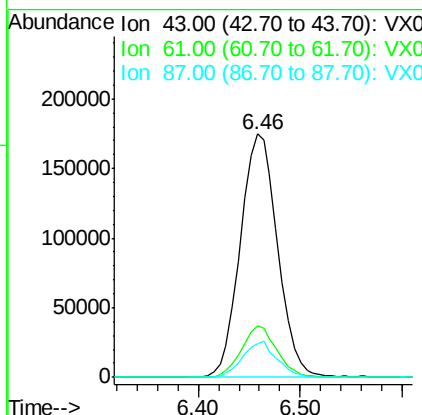
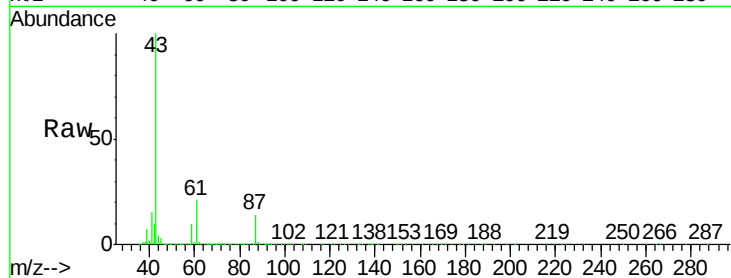
#43  
Isopropyl Acetate  
Concen: 56.767 ug/l  
RT: 6.46 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.9  | 16.1  | 24.1  |
| 87      | 13.5  | 11.5  | 17.3  |

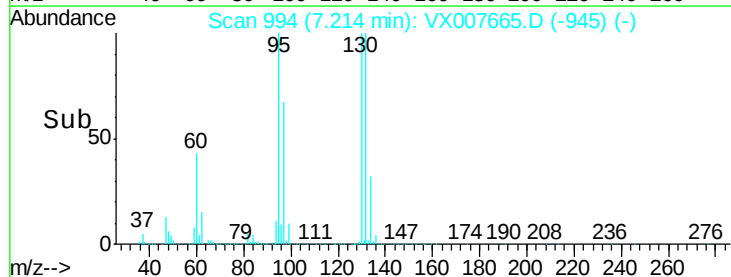
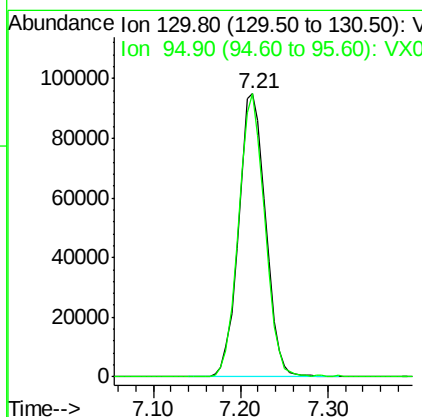
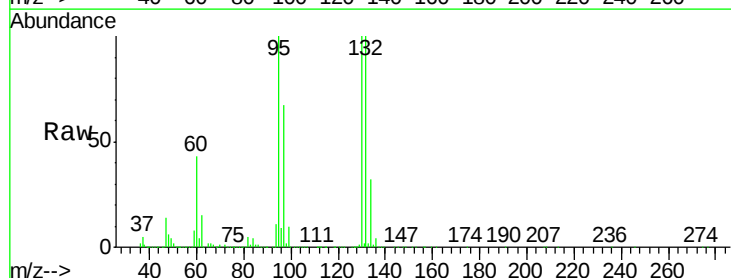
Manual Integrations  
APPROVED

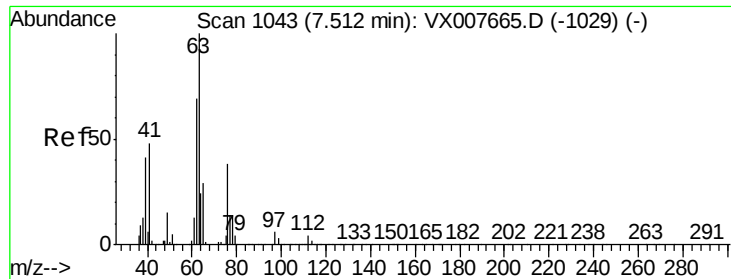
MMDadoda  
2/26/2019 2:57:34 PM



#44  
Trichloroethene  
Concen: 46.081 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.0 | 0.0   | 180.0 |





#45

1,2-Dichloropropane

Concen: 53.190 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 195615

Ion Ratio Lower Upper

63 100

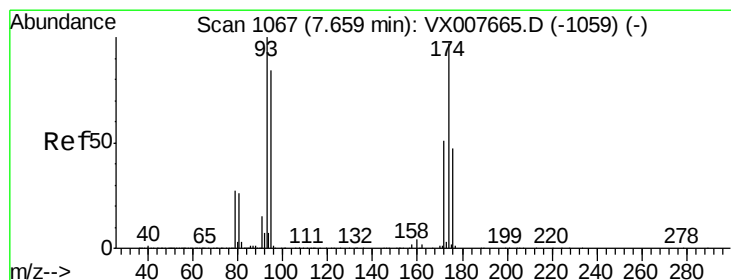
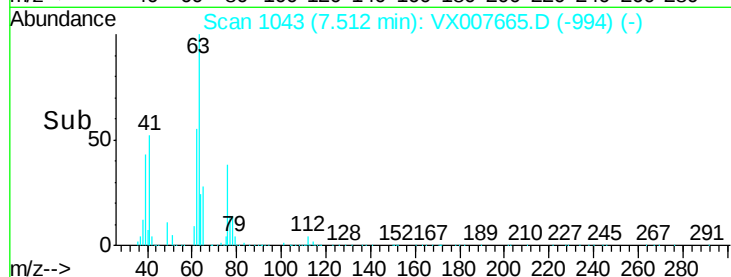
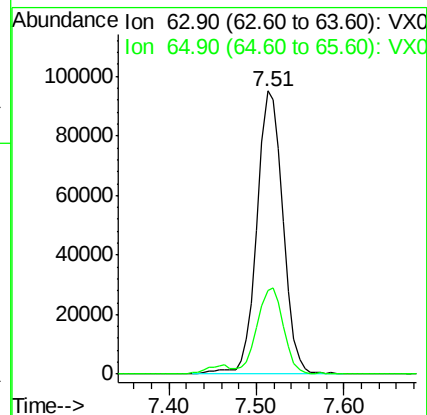
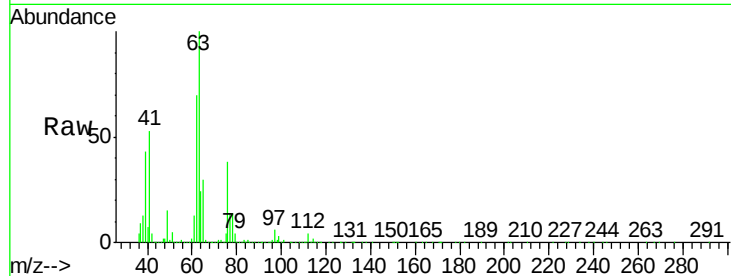
65 29.4 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

2/26/2019 2:57:34 PM



#46

Dibromomethane

Concen: 49.562 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

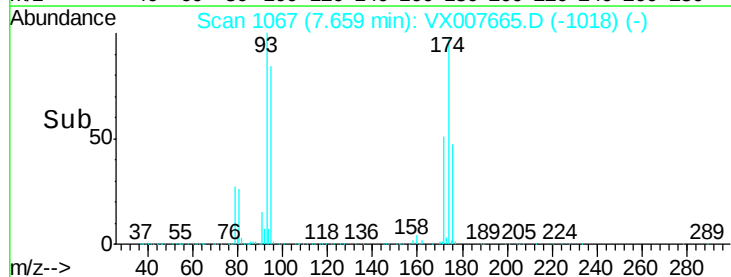
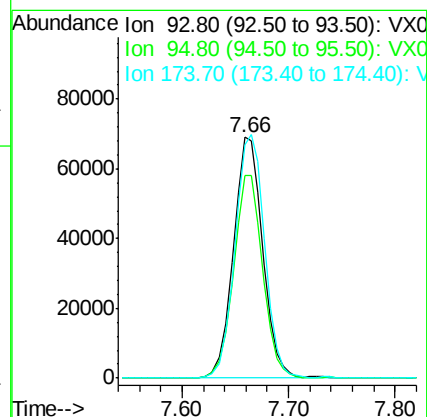
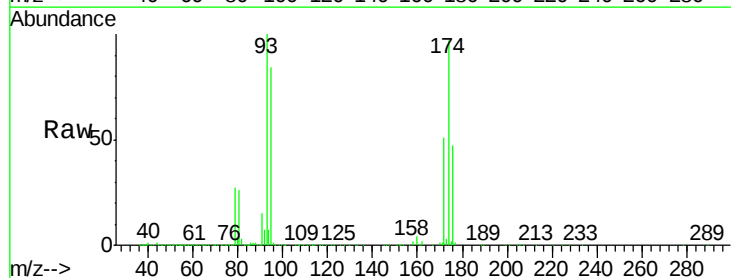
Tgt Ion: 93 Resp: 132478

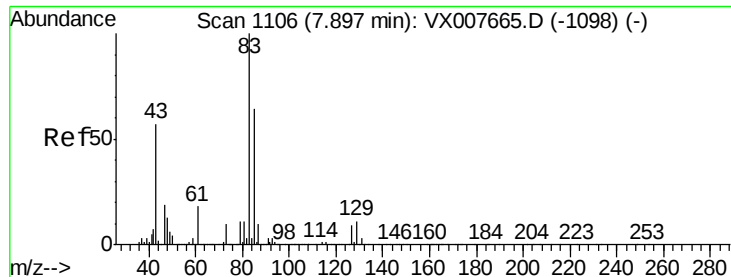
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 102.5 94.2 141.4





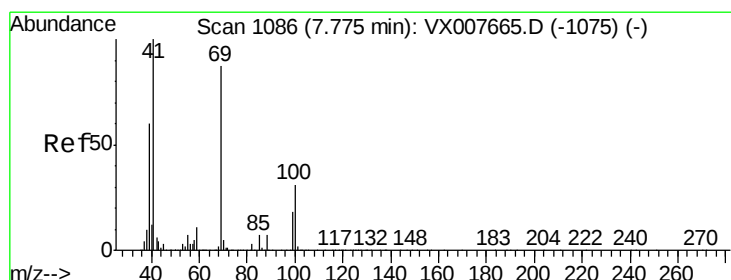
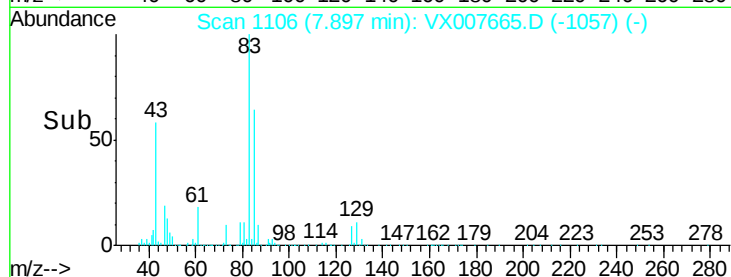
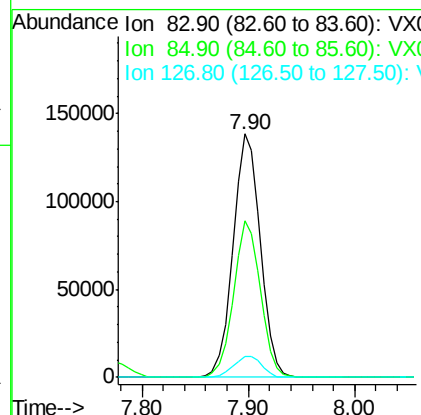
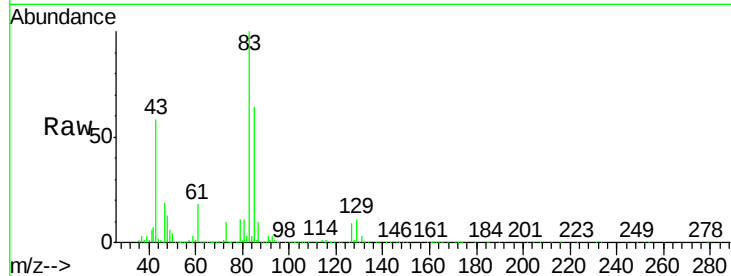
#47  
 Bromodichloromethane  
 Concen: 54.768 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 248101 |       |       |
| 85      | 64.3  |        | 51.4  | 77.0  |
| 127     | 8.7   |        | 8.1   | 12.1  |

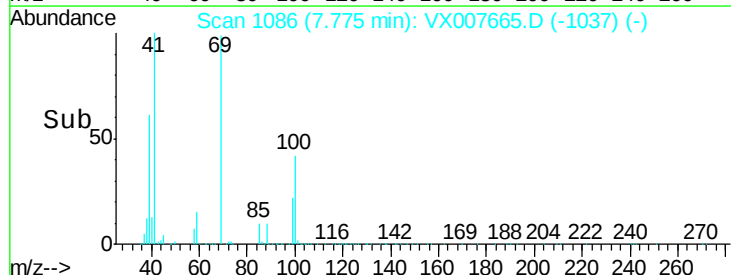
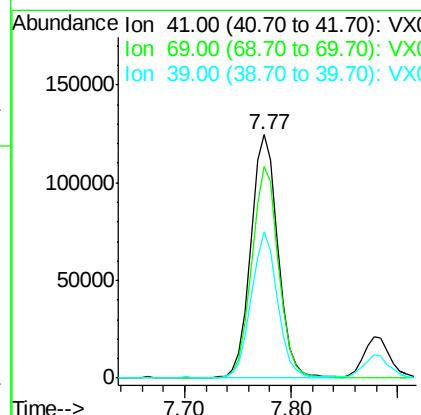
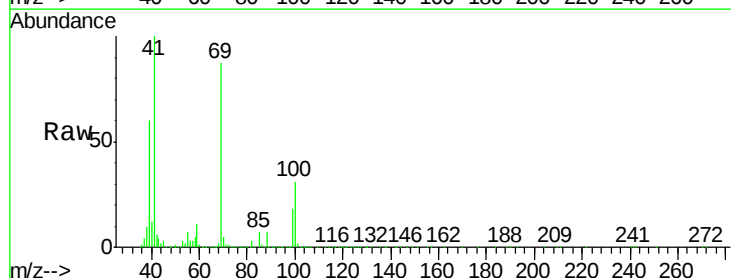
Manual Integrations  
 APPROVED

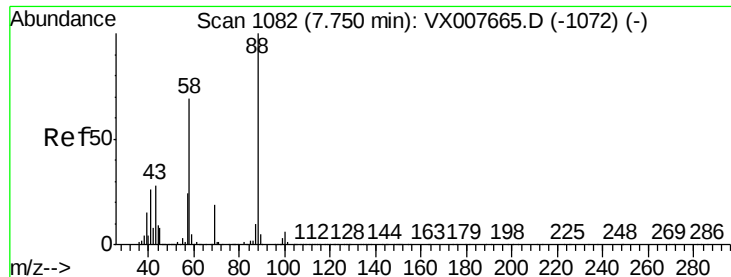
MMDadoda  
 2/26/2019 2:57:34 PM



#48  
 Methyl methacrylate  
 Concen: 57.192 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 222419 |       |       |
| 69      | 86.8  |        | 70.2  | 105.4 |
| 39      | 58.3  |        | 47.4  | 71.0  |





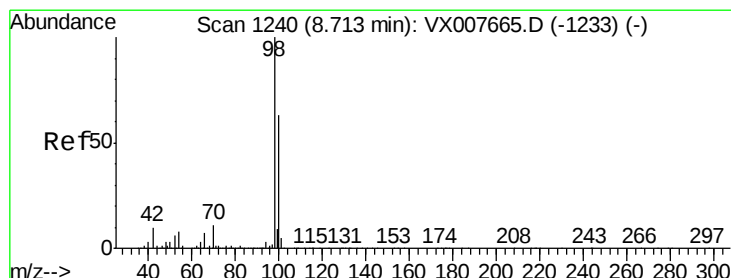
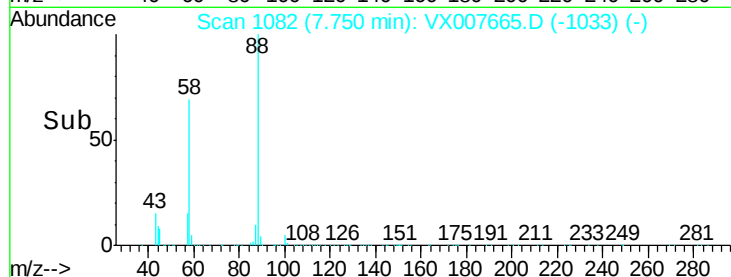
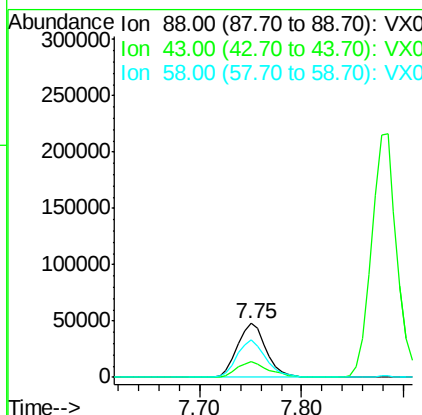
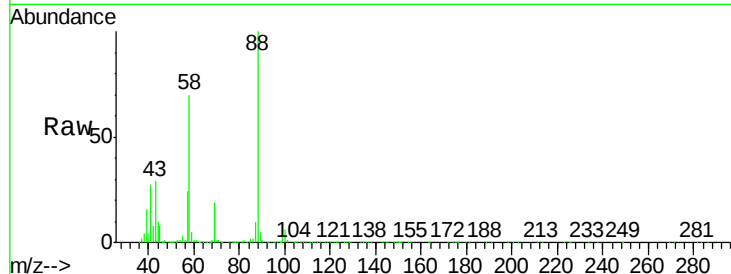
#49  
1,4-Dioxane  
Concen: 964.586 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.6  | 24.2  | 36.4  |
| 58      | 68.5  | 53.0  | 79.4  |

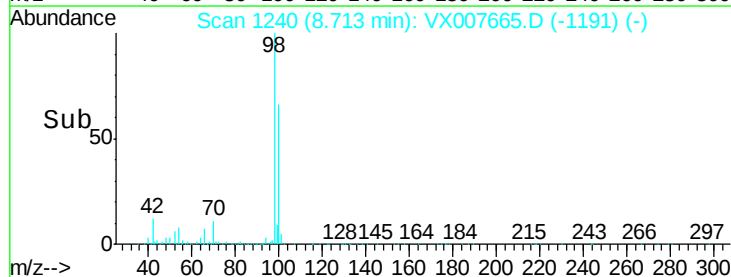
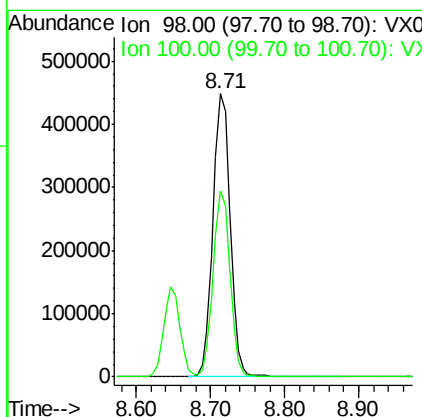
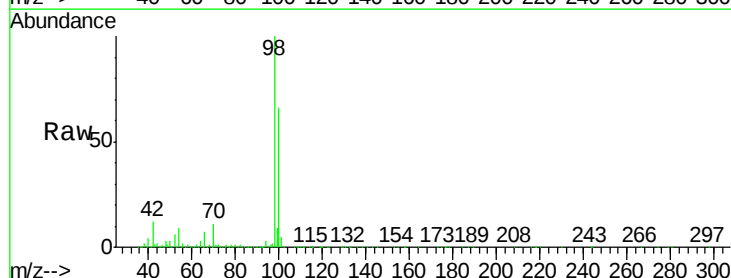
Manual Integrations  
APPROVED

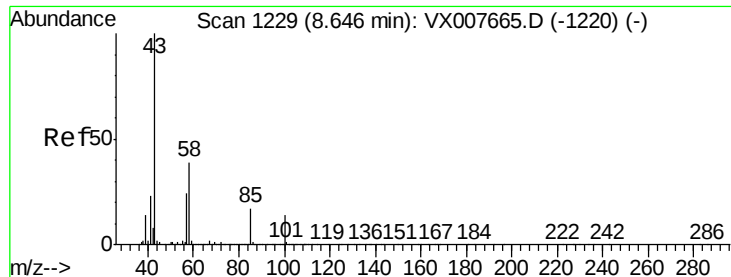
MMDadoda  
2/26/2019 2:57:34 PM



#50  
Toluene-d8  
Concen: 53.494 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.2  | 51.6  | 77.4  |





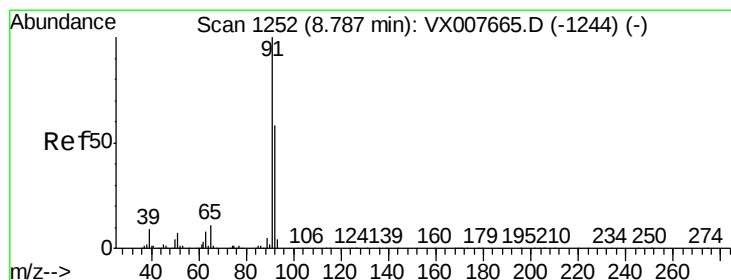
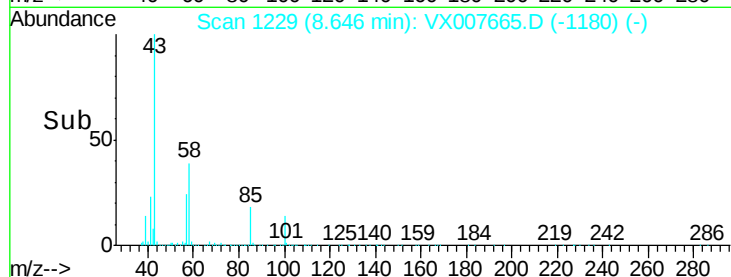
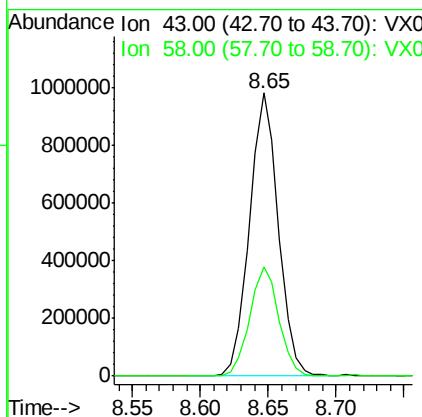
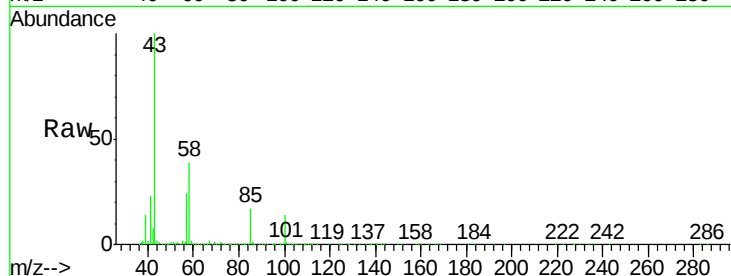
#51  
4-Methyl-2-Pentanone  
Concen: 285.582 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 1461675  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.2 46.8

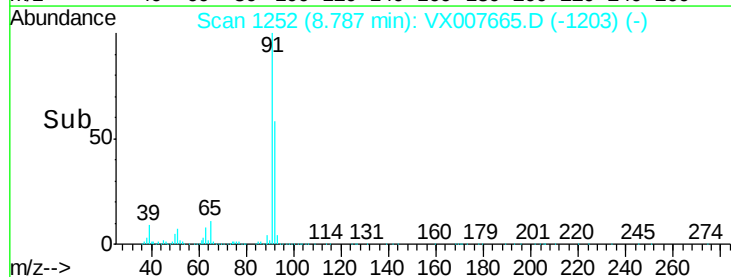
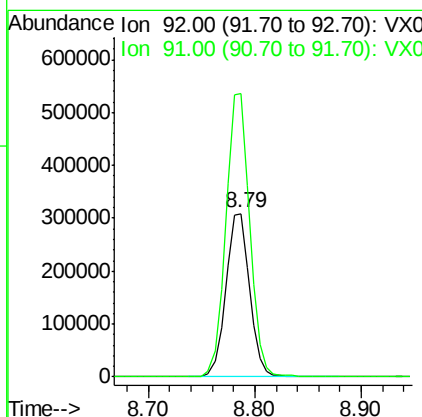
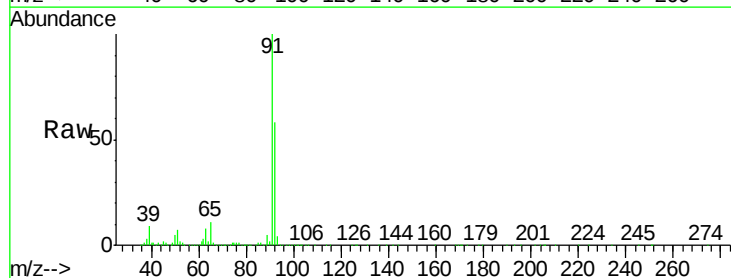
Manual Integrations  
APPROVED

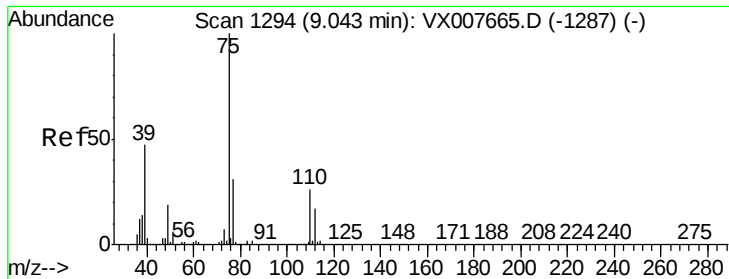
MMDadoda  
2/26/2019 2:57:34 PM



#52  
Toluene  
Concen: 51.014 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Tgt Ion: 92 Resp: 483114  
Ion Ratio Lower Upper  
92 100  
91 174.6 139.1 208.7





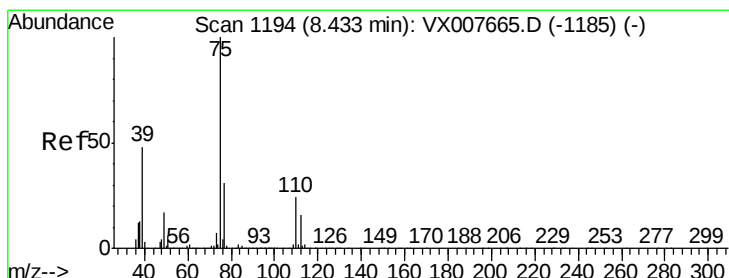
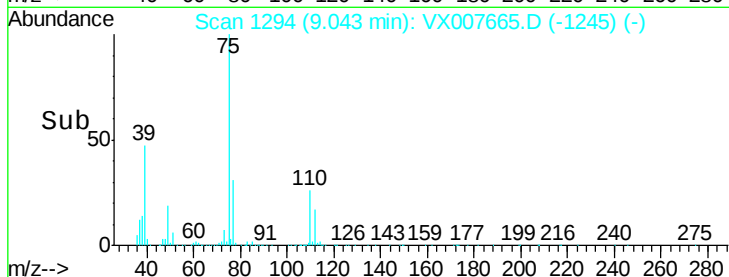
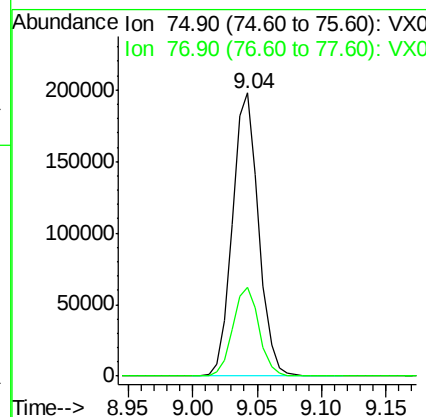
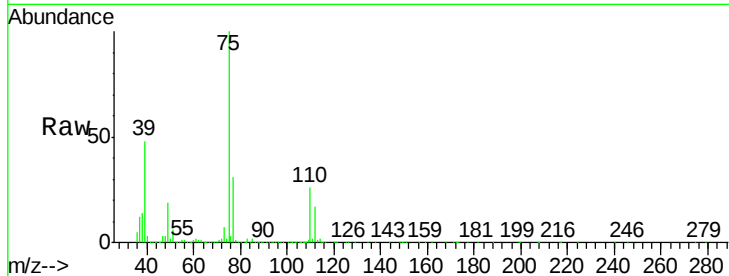
#53  
 t-1,3-Dichloropropene  
 Concen: 57.961 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.3  | 25.2  | 37.8  |

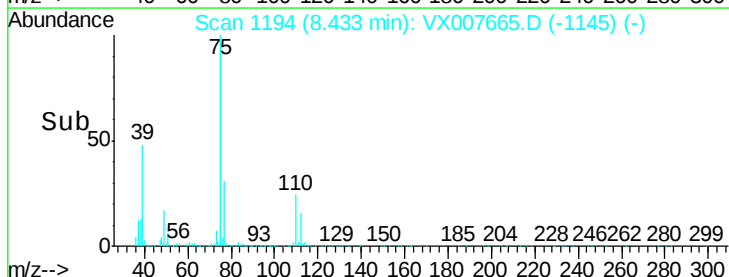
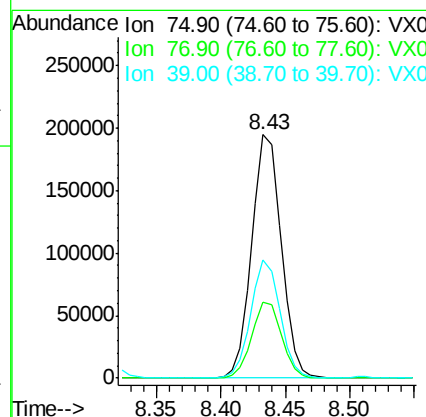
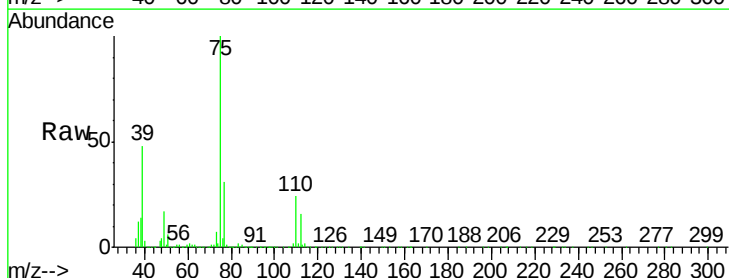
Manual Integrations  
 APPROVED

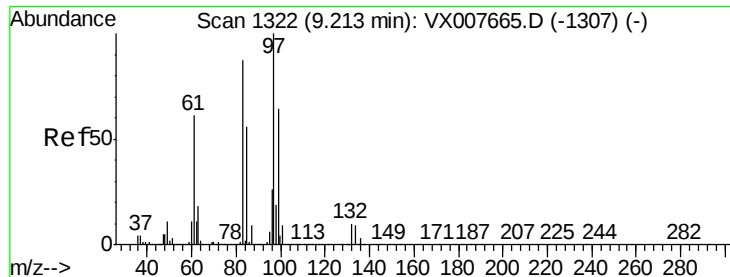
MMDadoda  
 2/26/2019 2:57:34 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 57.363 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 26.2  | 39.4  |
| 39      | 48.2  | 37.1  | 55.7  |





#55

1,1,2-Trichloroethane

Concen: 50.252 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

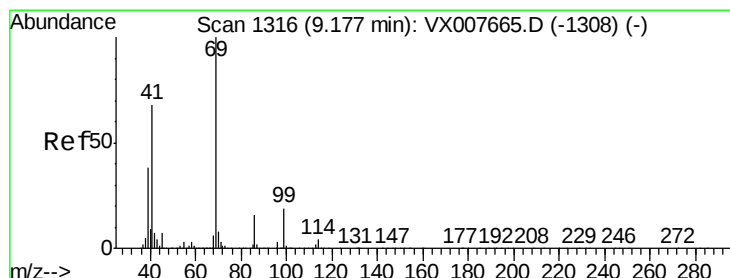
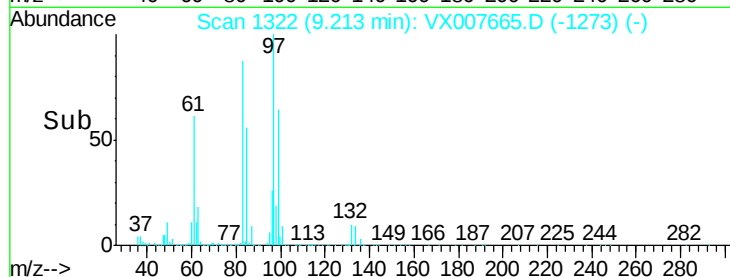
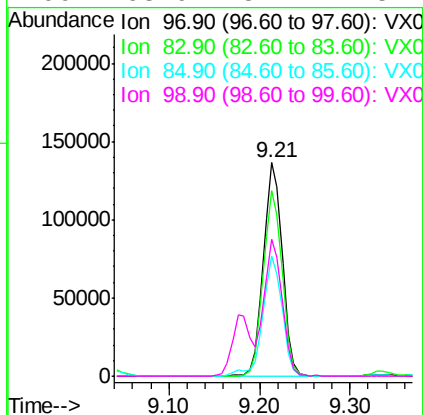
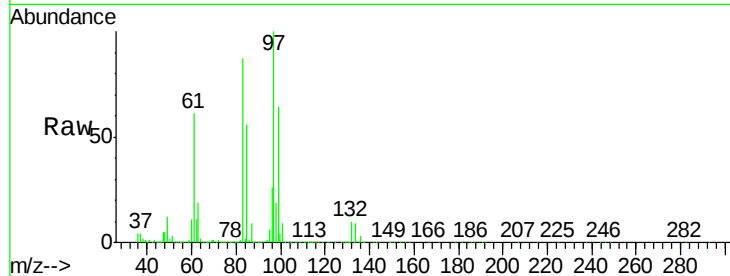
ClientSampleId :

VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 198376 |       |       |
| 83      | 86.6 | 68.6  | 102.8  |       |       |
| 85      | 56.3 | 44.5  | 66.7   |       |       |
| 99      | 63.9 | 52.2  | 78.4   |       |       |

Manual Integrations  
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2/26/2019 2:57:34 PM



#56

Ethyl methacrylate

Concen: 54.190 ug/l

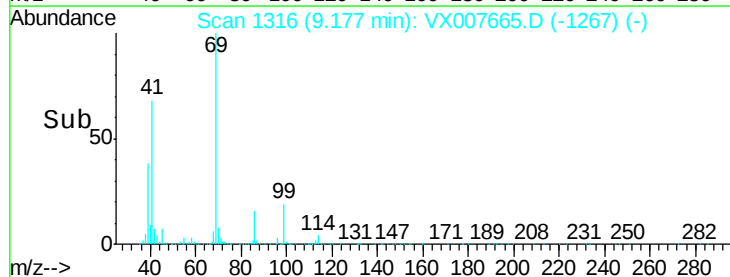
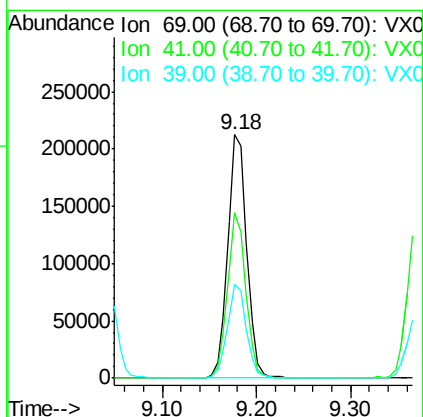
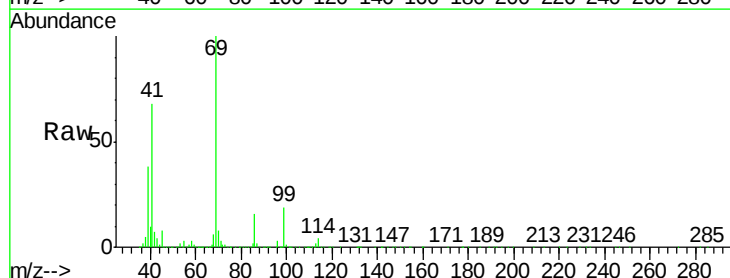
RT: 9.18 min Scan# 1316

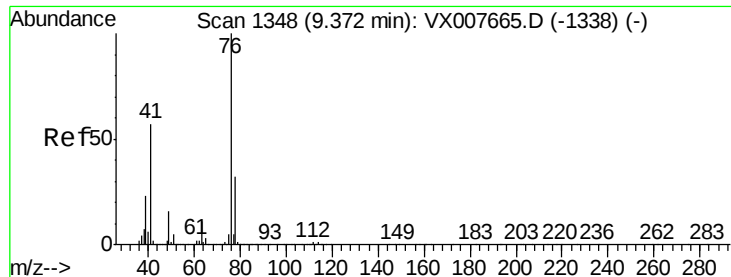
Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 296283 |       |       |
| 41      | 65.4 | 52.1  | 78.1   |       |       |
| 39      | 38.3 | 30.1  | 45.1   |       |       |





#57

1,3-Dichloropropane

Concen: 52.223 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 327845

Ion Ratio Lower Upper

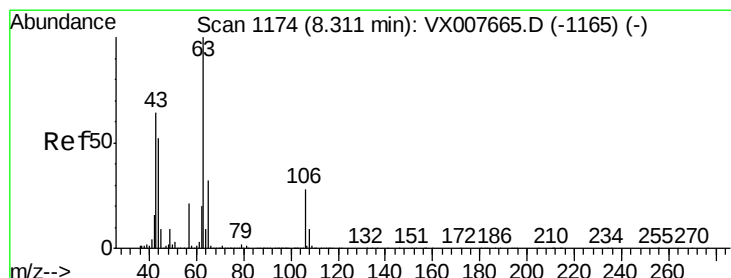
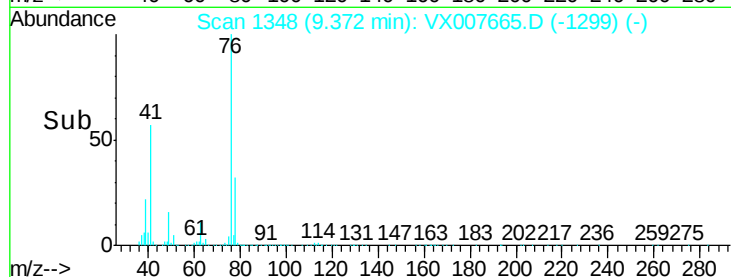
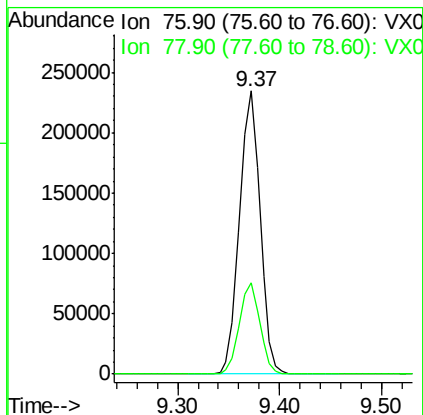
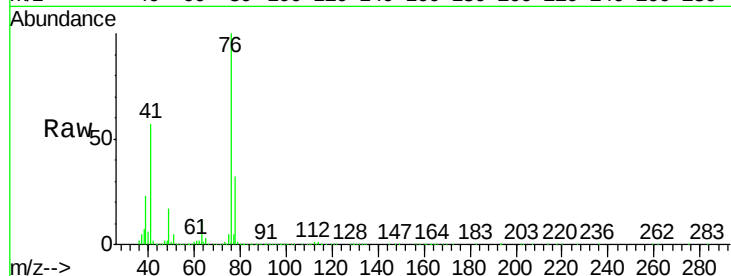
76 100

78 32.1 25.8 38.8

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 276.290 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007665.D

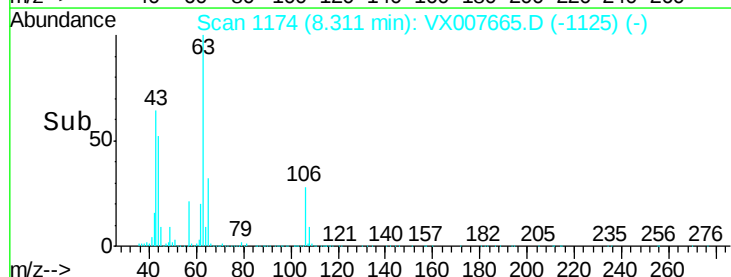
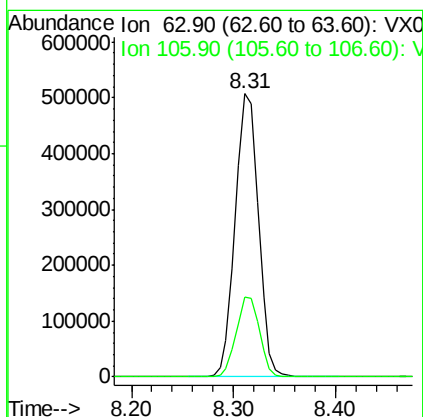
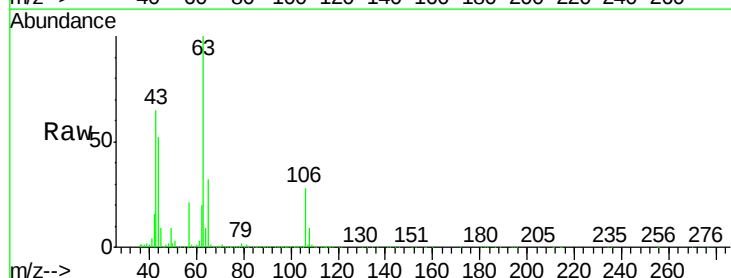
Acq: 25 Feb 2019 11:08

Tgt Ion: 63 Resp: 796216

Ion Ratio Lower Upper

63 100

106 28.3 23.6 35.4





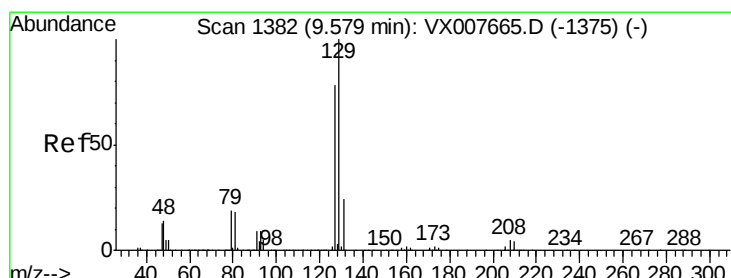
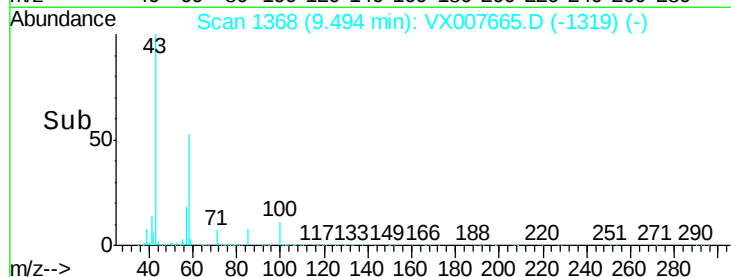
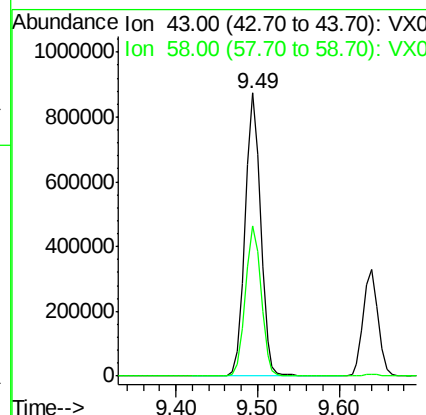
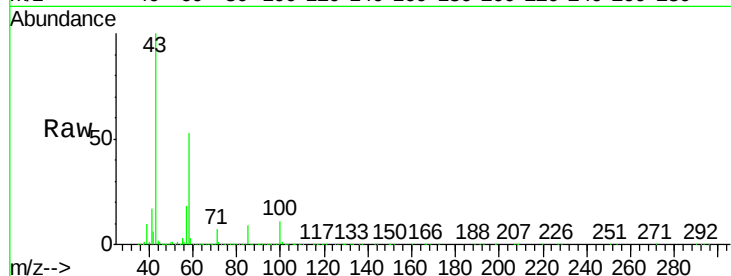
#59  
2-Hexanone  
Concen: 285.681 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 1137825  
Ion Ratio Lower Upper  
43 100  
58 53.9 27.1 81.3

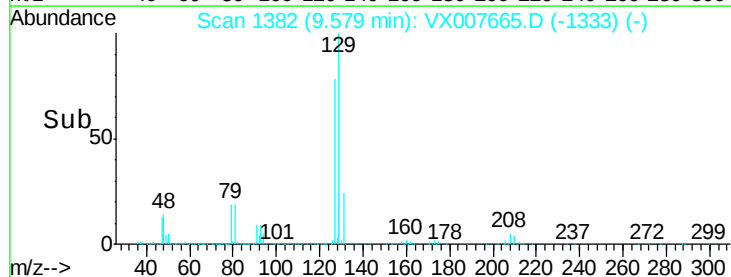
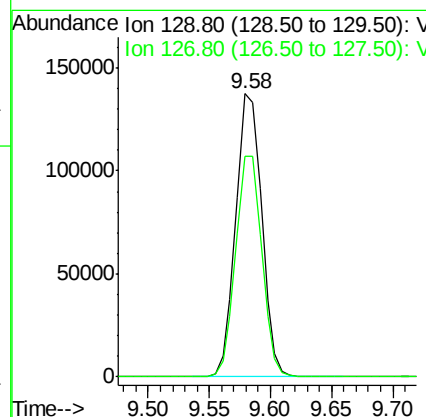
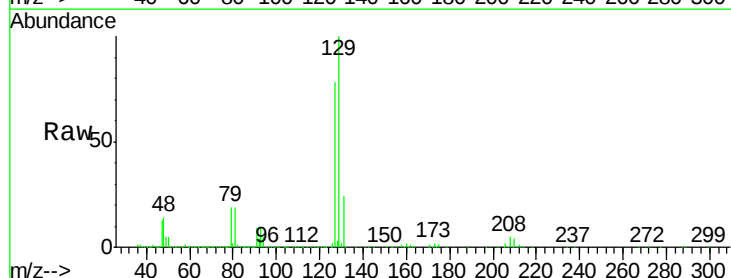
Manual Integrations  
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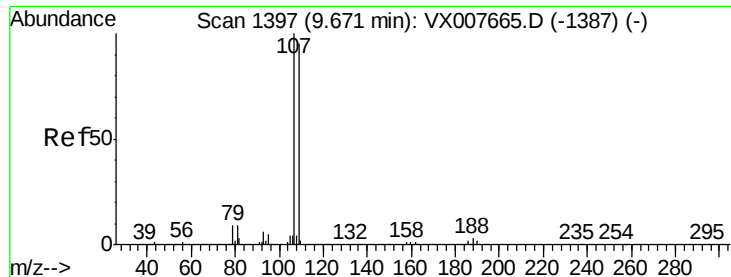
MMDadoda  
2/26/2019 2:57:34 PM



#60  
Dibromochloromethane  
Concen: 54.104 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Tgt Ion: 129 Resp: 201996  
Ion Ratio Lower Upper  
129 100  
127 78.5 37.8 113.4





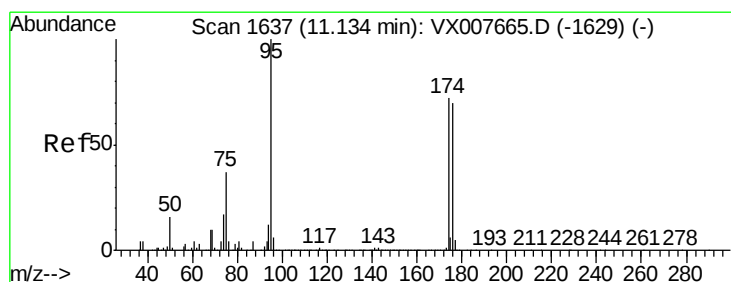
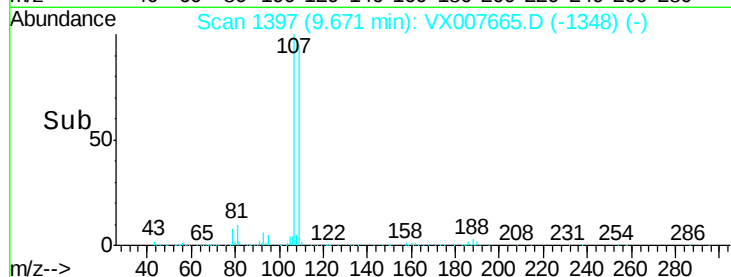
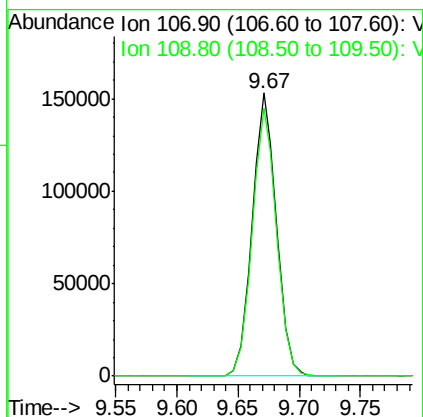
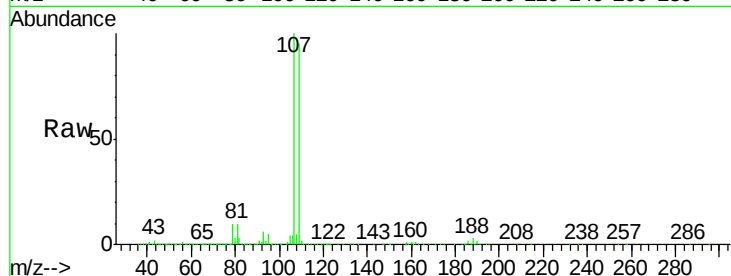
#61  
 1,2-Dibromoethane  
 Concen: 50.411 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 210745 |       |       |
| 109     | 95.6  | 75.1   | 112.7 |       |

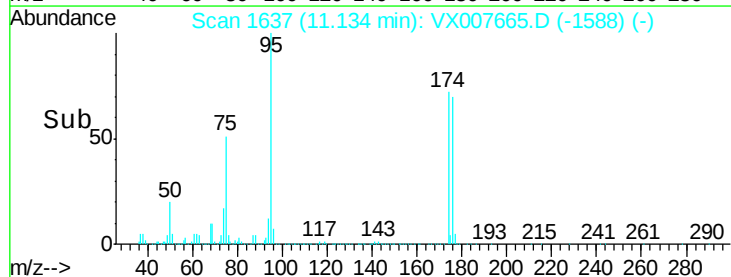
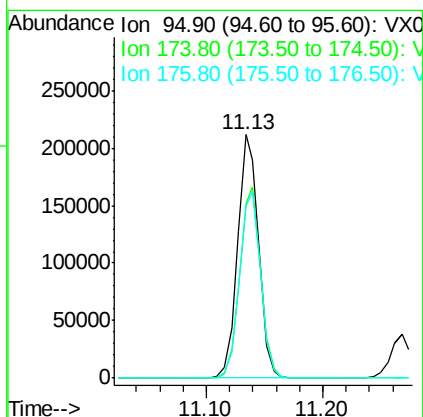
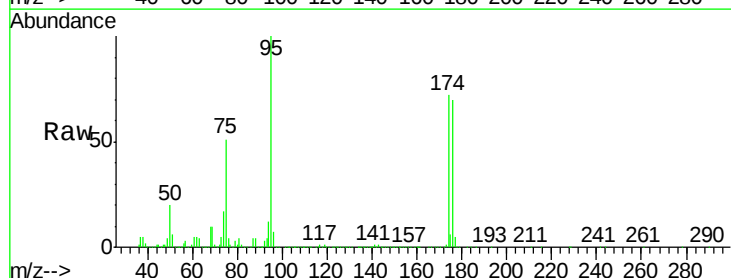
Manual Integrations  
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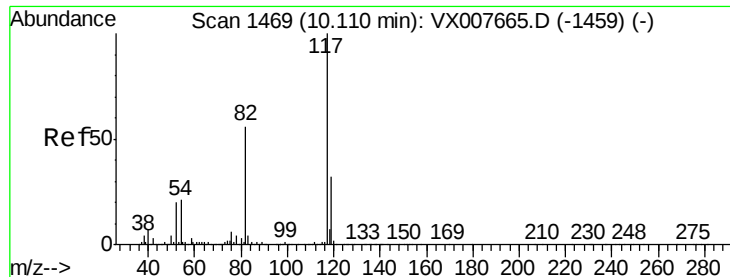
MMDadoda  
 2/26/2019 2:57:34 PM



#62  
 4-Bromofluorobenzene  
 Concen: 53.891 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 263787 |       |       |
| 174     | 78.9  | 0.0    | 189.2 |       |
| 176     | 77.5  | 0.0    | 186.2 |       |





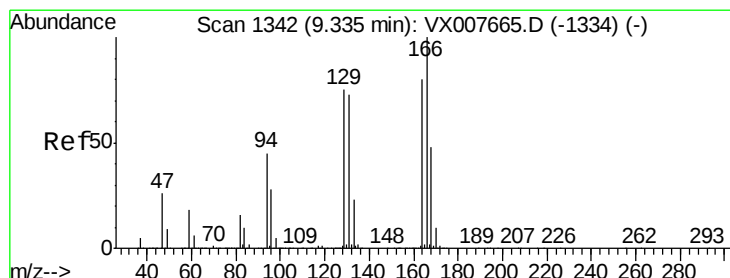
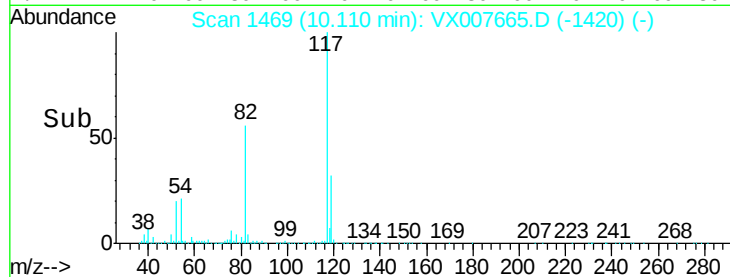
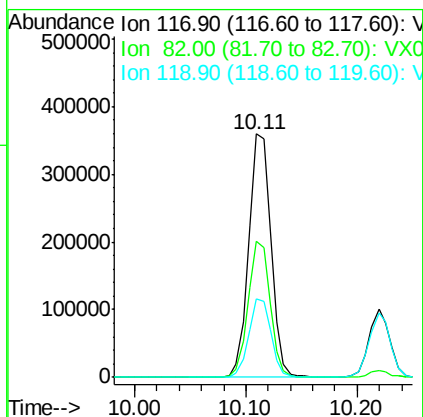
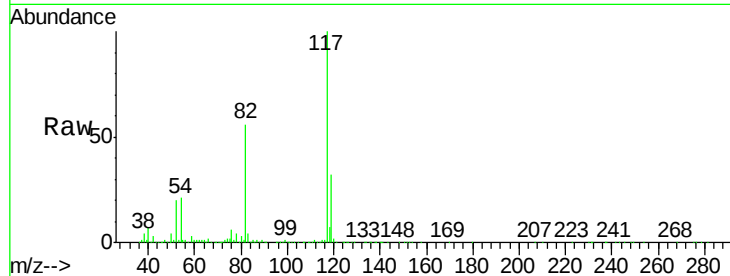
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 501755 |       |       |
| 82      | 55.8  | 42.1   | 63.1  |       |
| 119     | 32.0  | 26.5   | 39.7  |       |

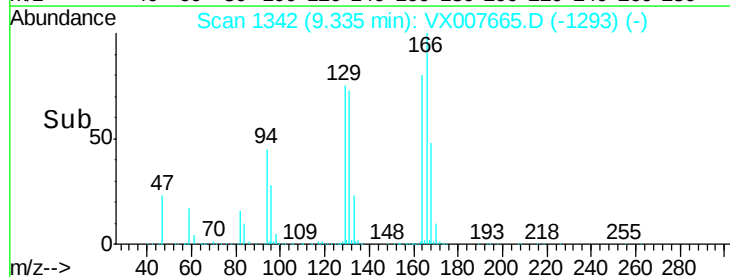
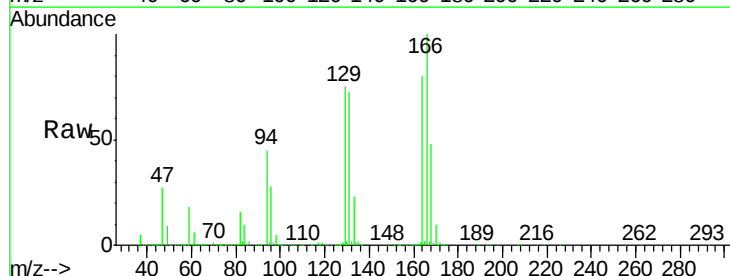
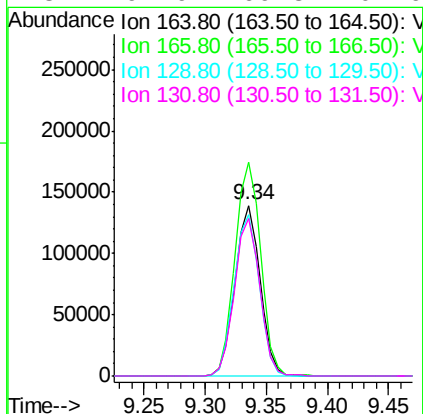
Manual Integrations  
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#64  
Tetrachloroethene  
Concen: 41.762 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 197502 |       |       |
| 166     | 125.2 | 101.0  | 151.4 |       |
| 129     | 94.2  | 70.5   | 105.7 |       |
| 131     | 91.9  | 69.8   | 104.6 |       |





#65

Chlorobenzene

Concen: 48.610 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 532240

Ion Ratio Lower Upper

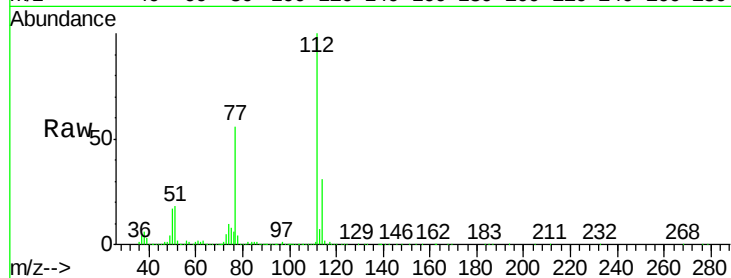
112 100

114 31.2 25.8 38.6

Manual Integrations  
APPROVED

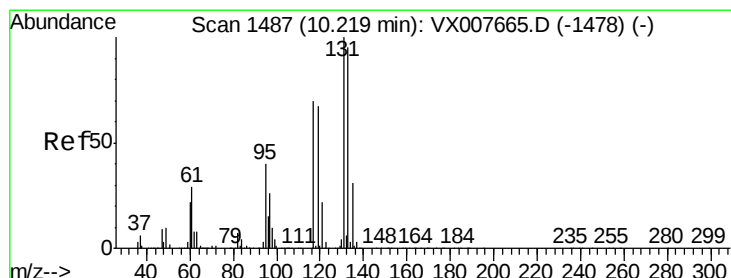
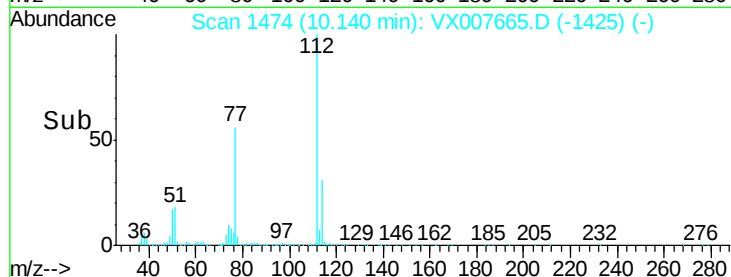
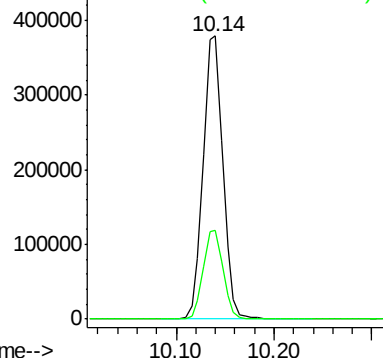
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.808 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

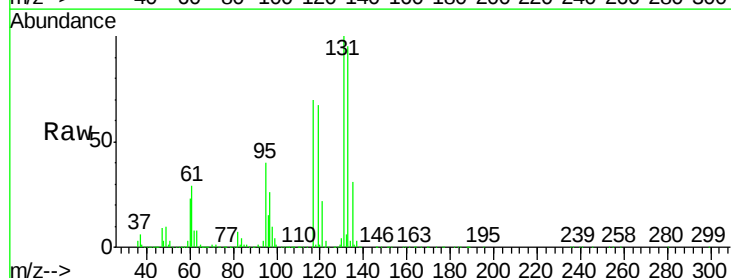
Tgt Ion:131 Resp: 190185

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

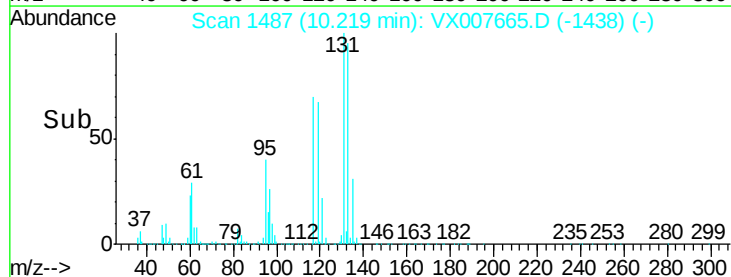
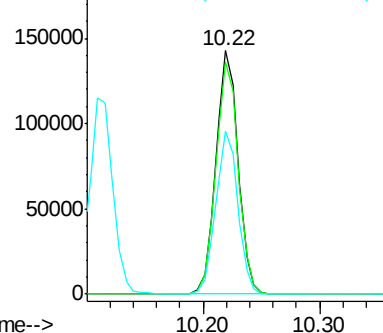
119 66.8 32.0 96.0

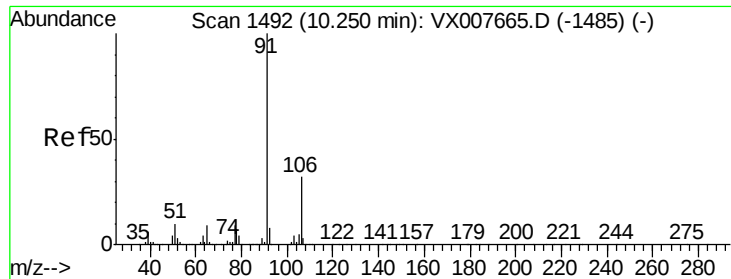


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





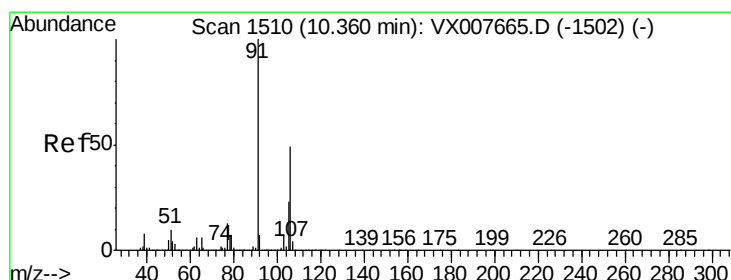
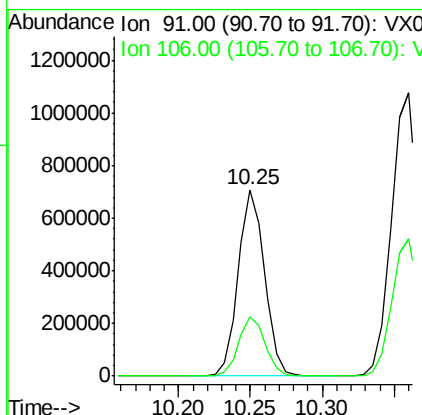
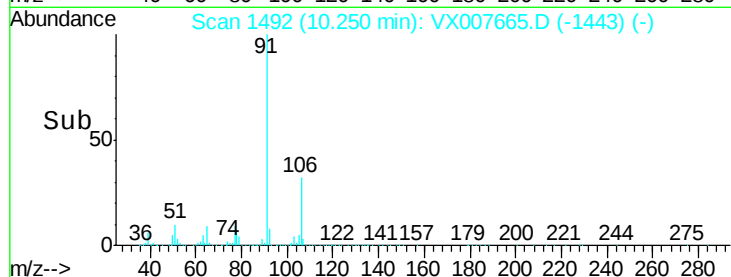
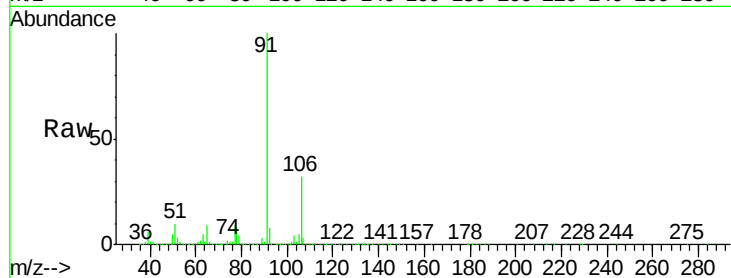
#67  
Ethyl Benzene  
Concen: 51.366 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.8  | 25.4  | 38.0  |

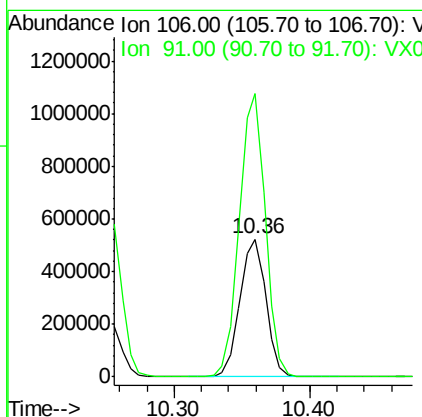
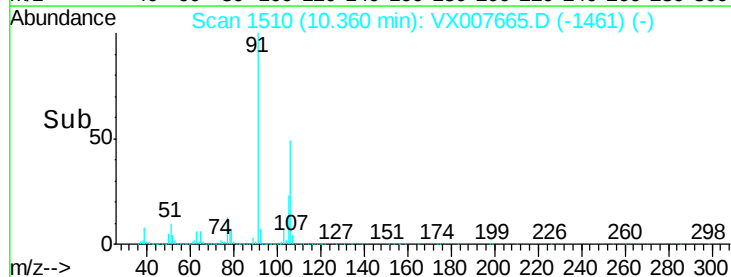
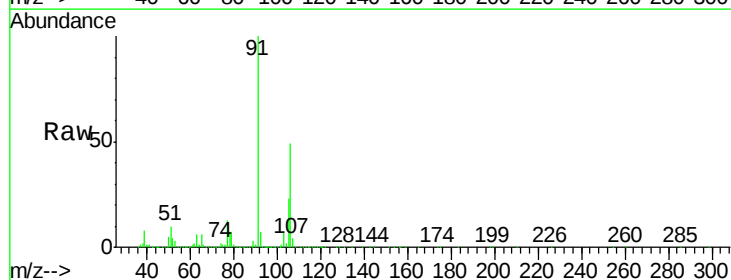
Manual Integrations  
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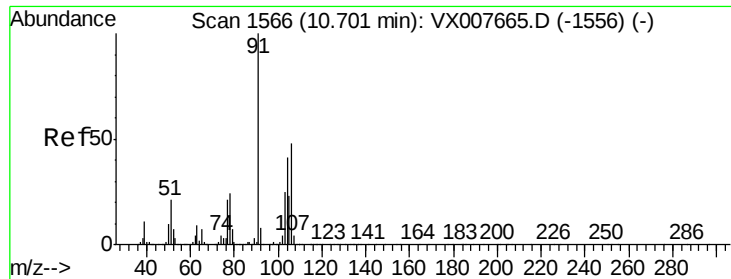
MMDadoda  
2/26/2019 2:57:34 PM



#68  
m/p-Xylenes  
Concen: 99.886 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.8 | 156.6 | 234.8 |





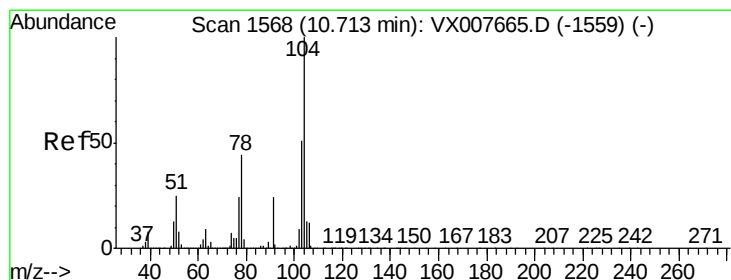
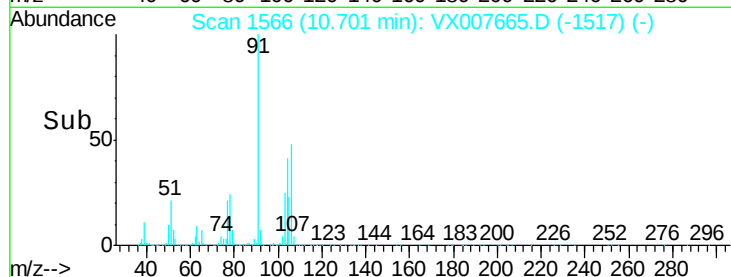
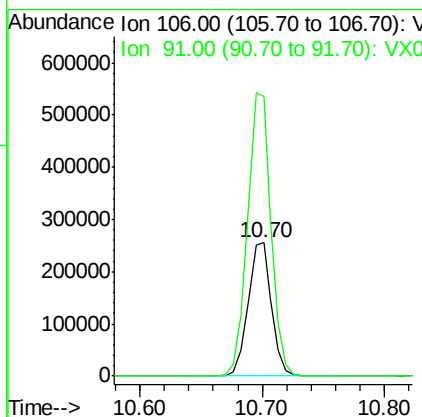
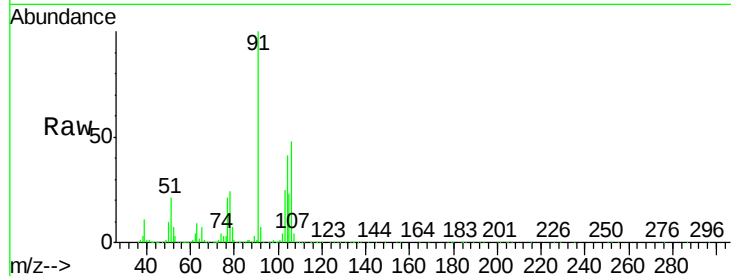
#69  
o-Xylene  
Concen: 50.317 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 213.5 | 102.9 | 308.7 |

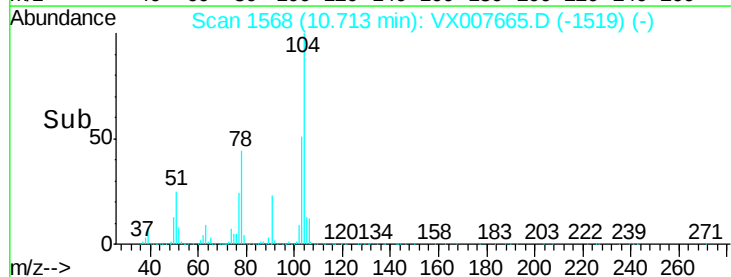
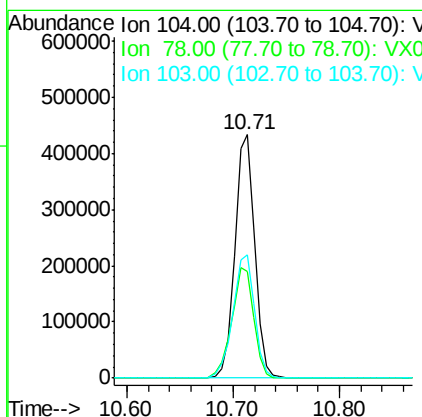
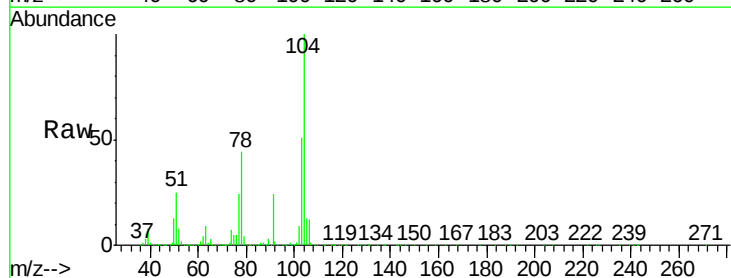
Manual Integrations  
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2/26/2019 2:57:34 PM



#70  
Styrene  
Concen: 51.831 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.4  | 38.3  | 57.5  |
| 103     | 55.7  | 44.6  | 67.0  |





#71

Bromoform

Concen: 50.629 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

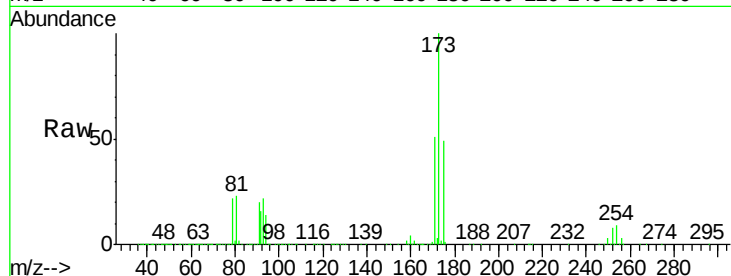
ClientSampleId :

VSTDICCC050

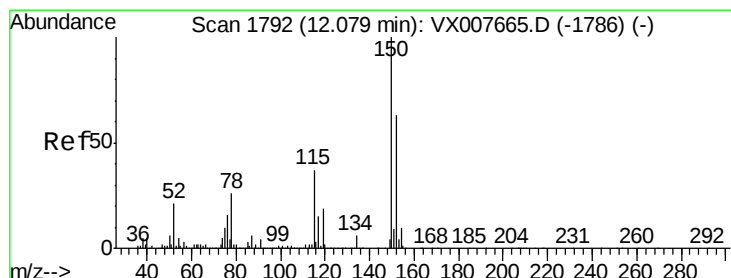
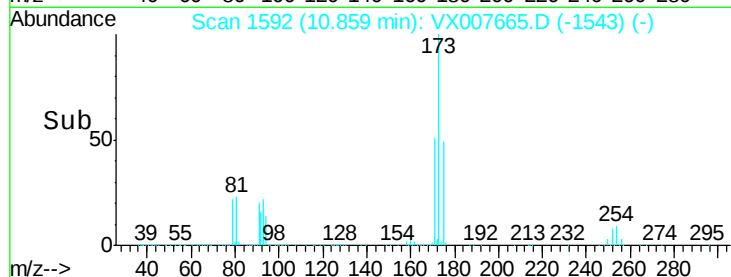
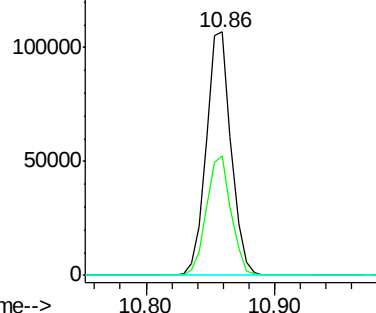
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 143804 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.7  | 24.2  | 72.6   |
| 254       | 0.2   | 0.2   | 0.2    |

Manual Integrations  
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2/26/2019 2:57:34 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

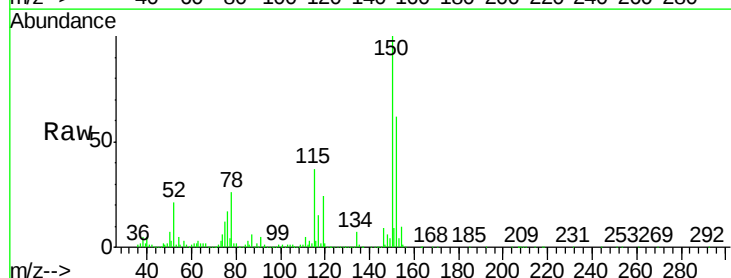
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

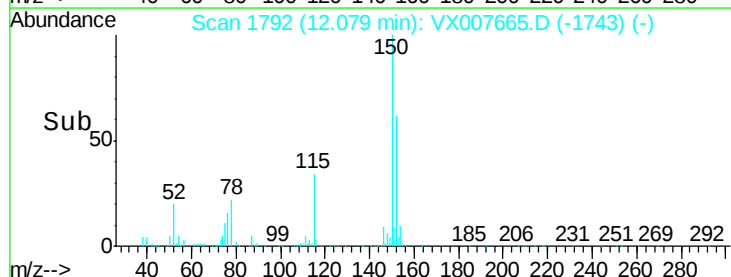
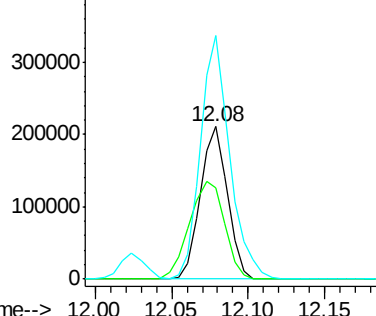
Lab File: VX007665.D

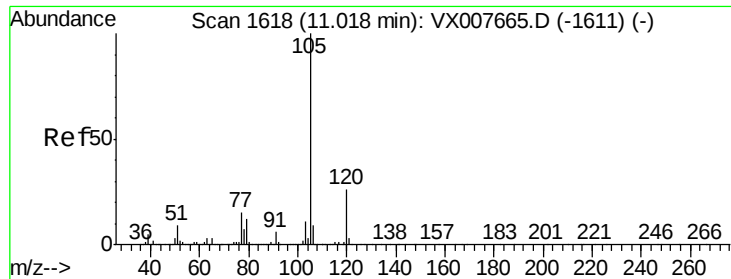
Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 258678 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 83.2  | 38.0  | 114.0  |
| 150       | 172.2 | 0.0   | 346.4  |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.270 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 918831

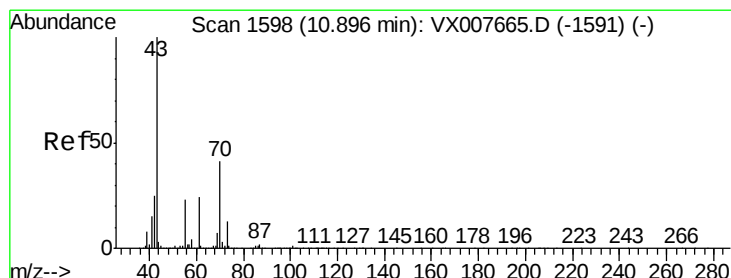
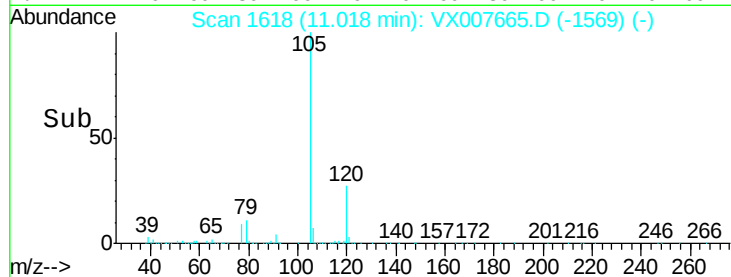
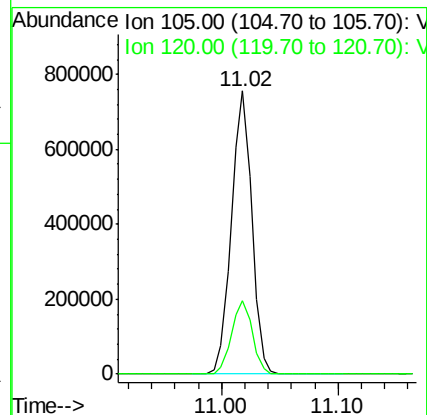
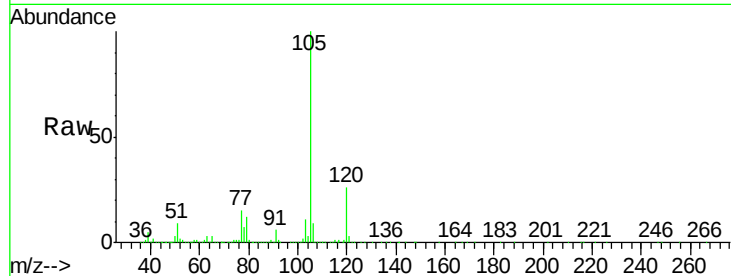
Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7

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#74

N-ethyl acetate

Concen: 59.679 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Tgt Ion: 43 Resp: 405769

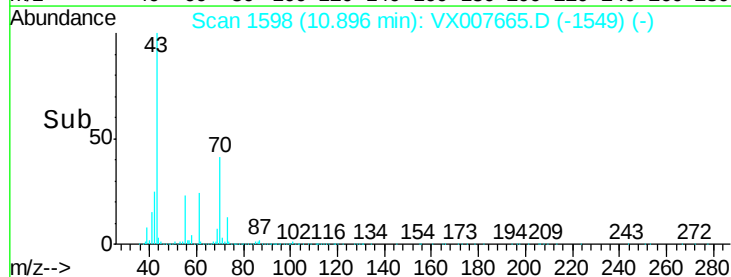
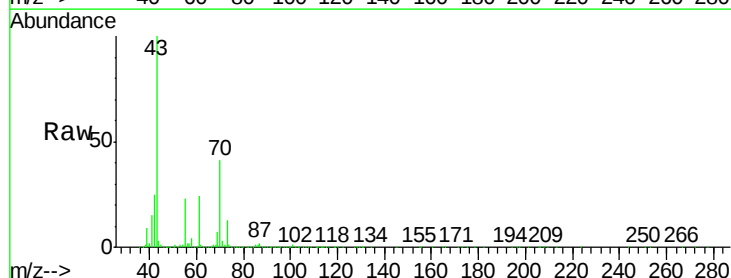
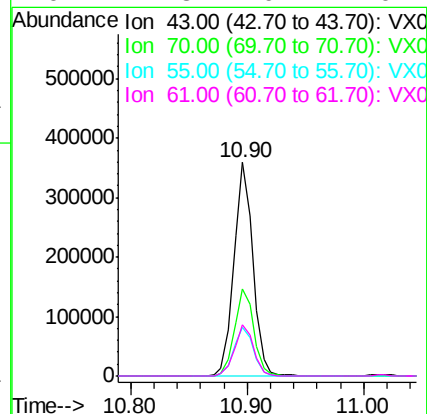
Ion Ratio Lower Upper

43 100

70 41.7 33.8 50.6

55 24.1 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.670 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

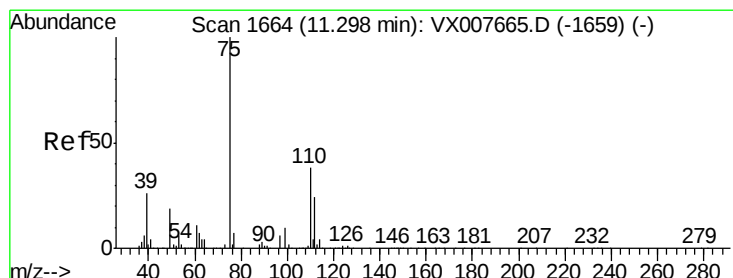
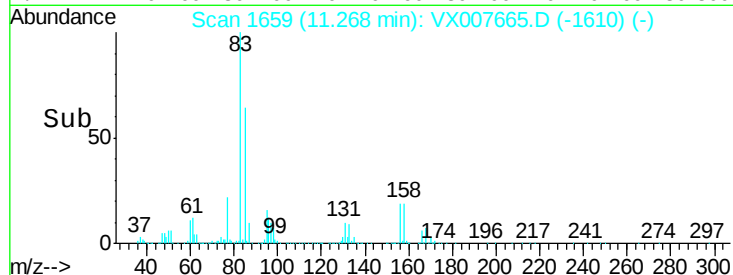
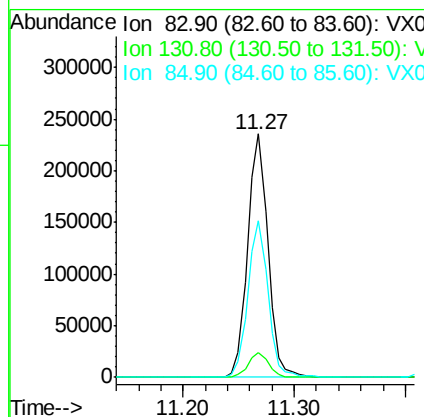
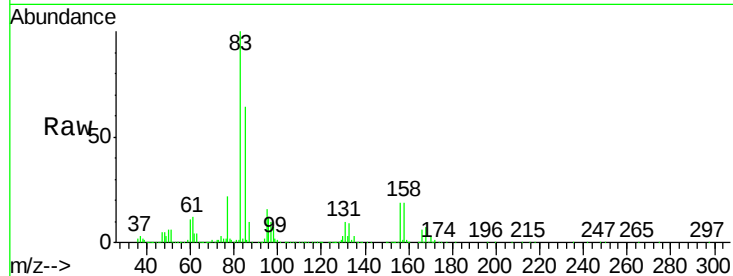
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 83   | Resp: | 298239 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 131       | 10.3 | 5.7   | 17.0   |
| 85        | 64.0 | 32.8  | 98.3   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 50.491 ug/l m

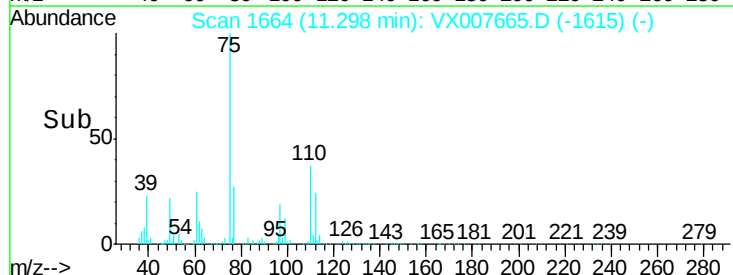
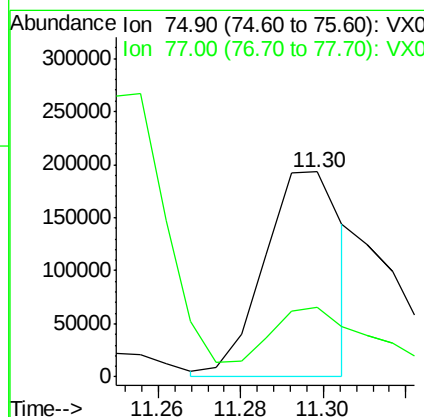
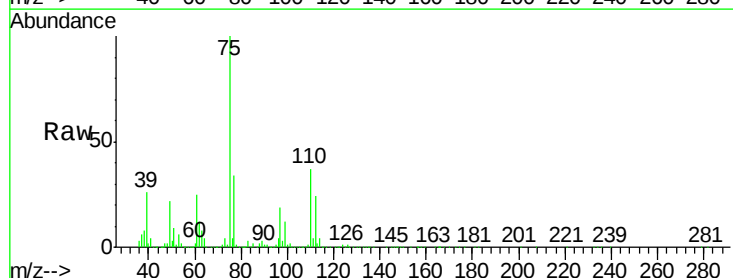
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 75   | Resp: | 254049 |
| Ion Ratio |      | Lower | Upper  |
| 75        | 100  |       |        |
| 77        | 46.3 | 23.0  | 69.0   |





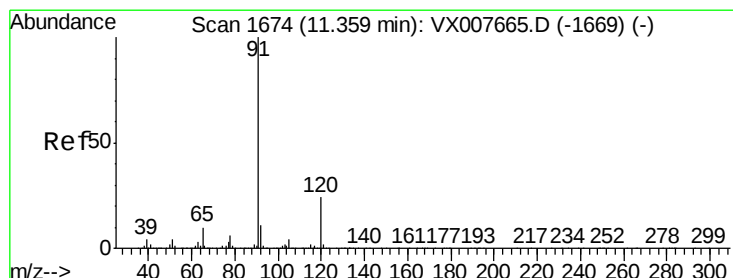
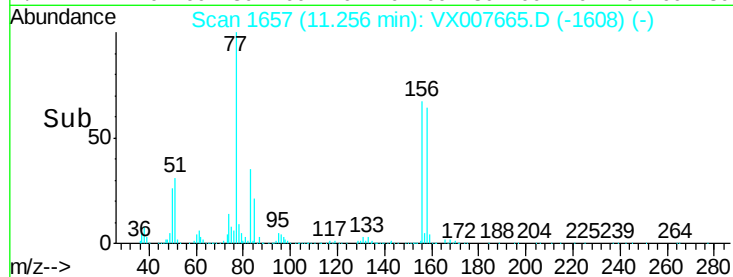
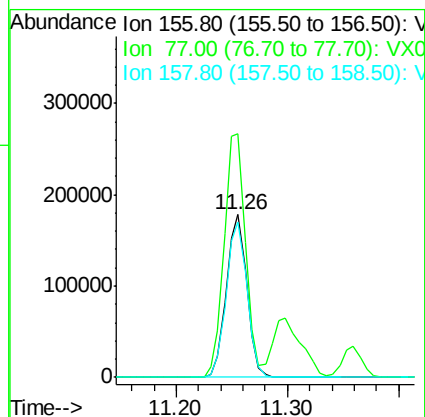
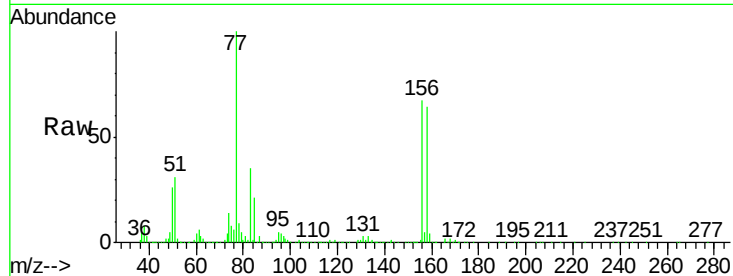
#77  
Bromobenzene  
Concen: 45.756 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 155.8 | 66.8  | 200.6 |
| 158     | 96.6  | 47.9  | 143.8 |

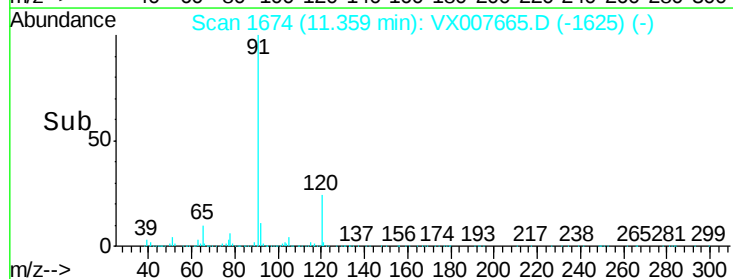
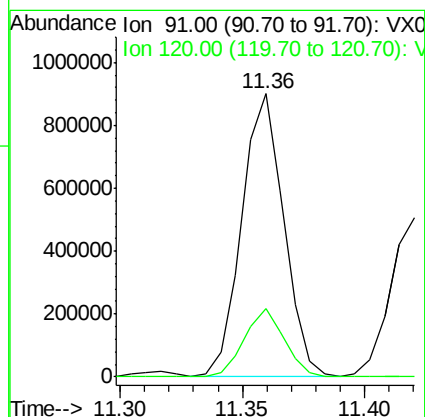
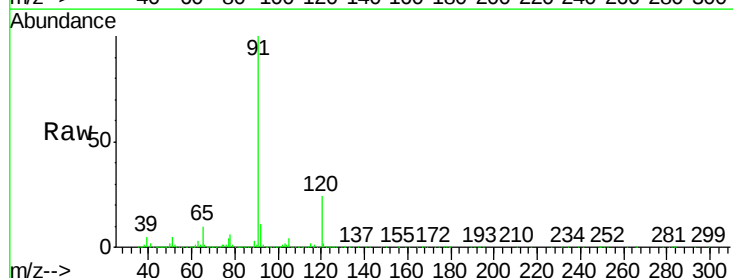
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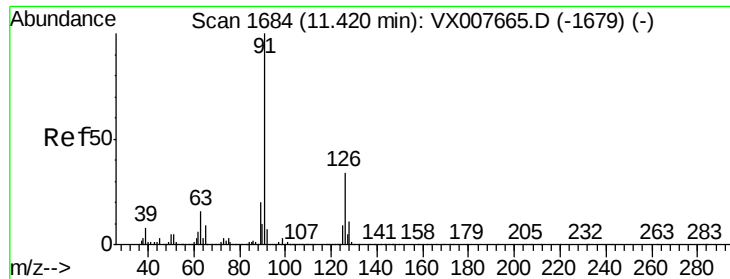
MMDadoda  
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#78  
n-propylbenzene  
Concen: 55.462 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.3  | 12.4  | 37.2  |





#79

2-Chlorotoluene

Concen: 53.658 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 627600

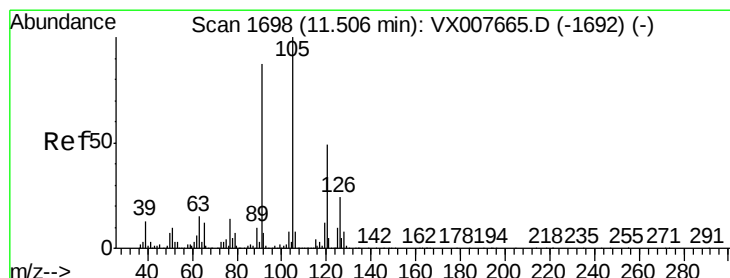
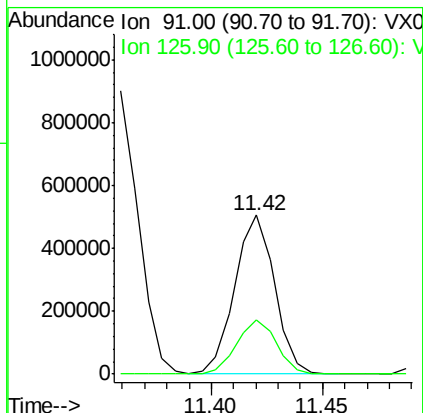
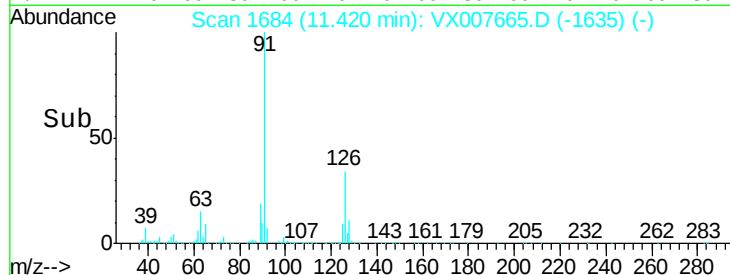
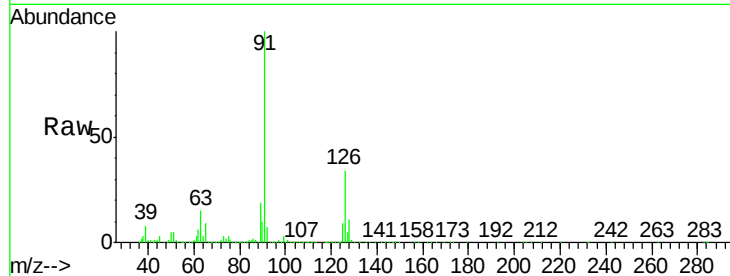
Ion Ratio Lower Upper

91 100

126 34.3 18.7 56.1

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 53.886 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007665.D

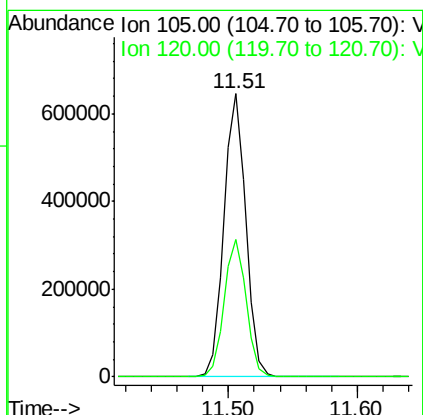
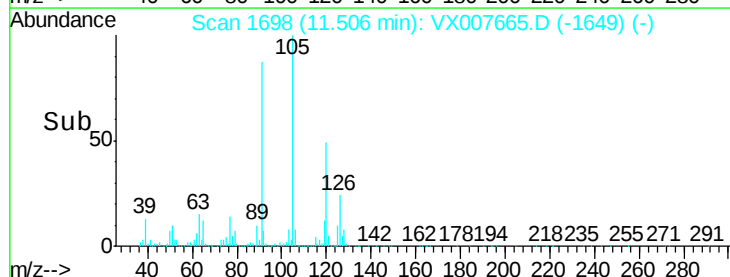
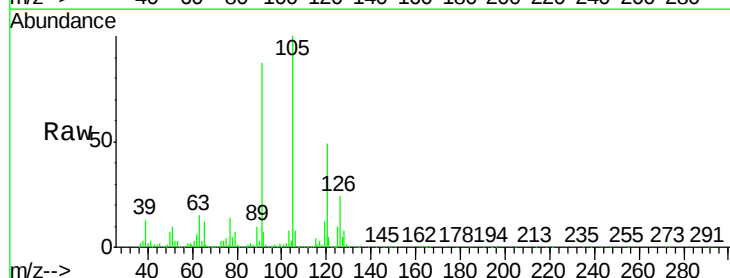
Acq: 25 Feb 2019 11:08

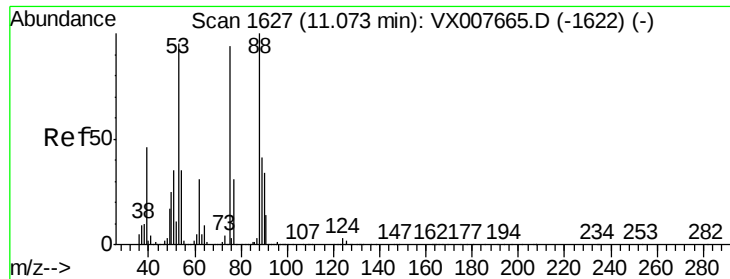
Tgt Ion: 105 Resp: 774952

Ion Ratio Lower Upper

105 100

120 48.8 25.3 75.8





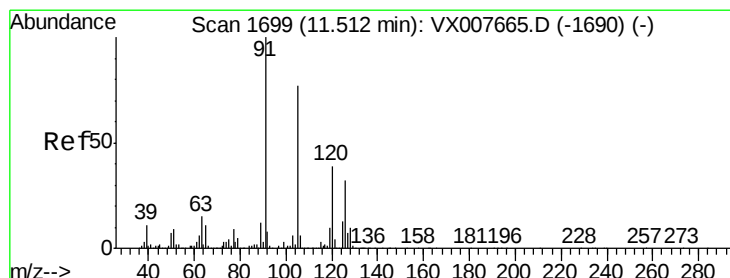
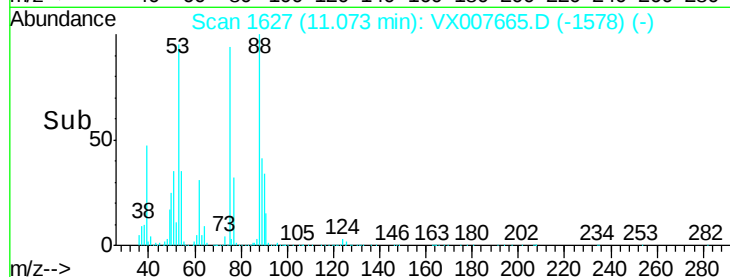
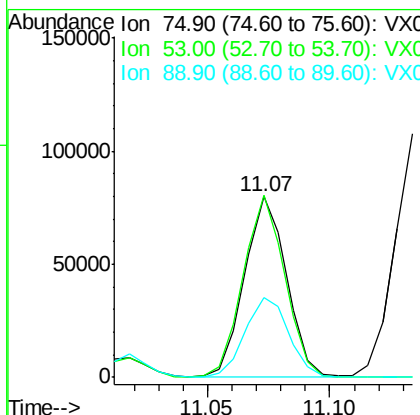
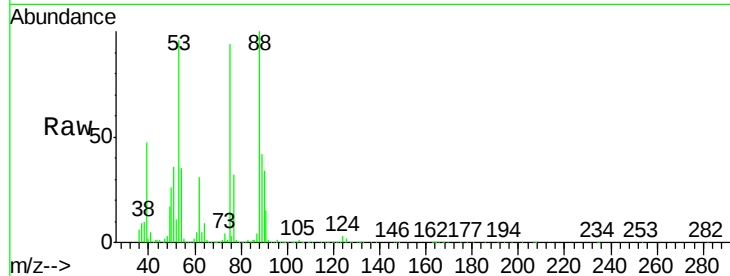
#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.641 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.1 | 81.0  | 121.6 |
| 89      | 46.2  | 41.4  | 62.0  |

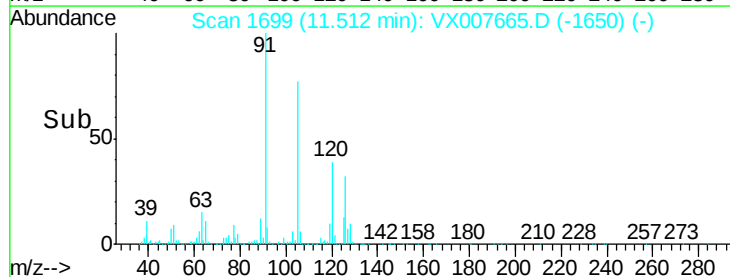
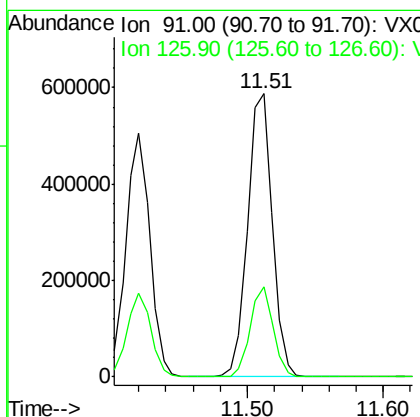
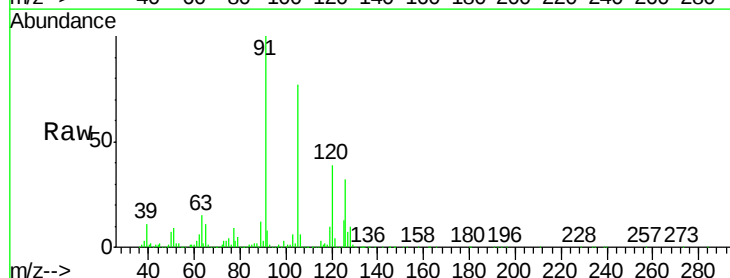
Manual Integrations  
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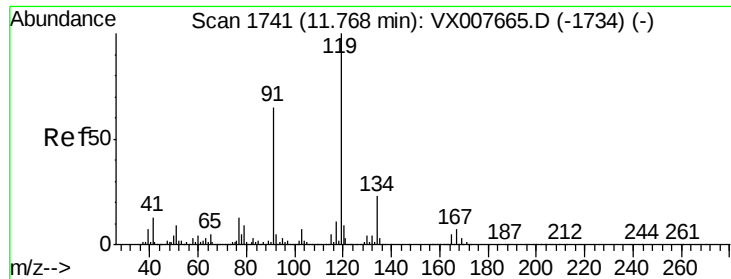
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 55.343 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.9  | 16.2  | 48.5  |





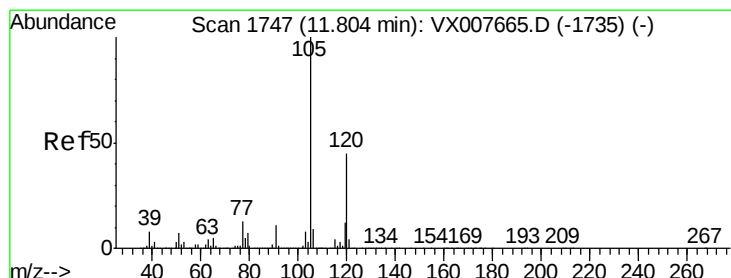
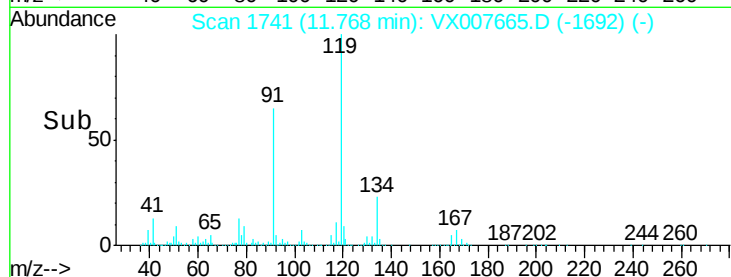
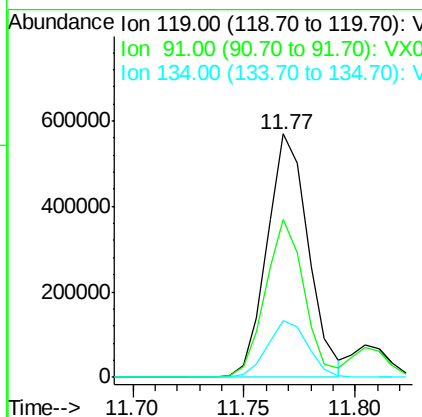
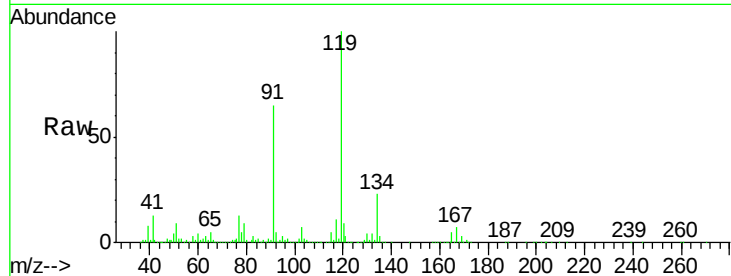
#83  
tert-Butylbenzene  
Concen: 51.414 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 732049 |       |       |
| 91      | 61.0  | 28.5   | 85.6  |       |
| 134     | 23.1  | 12.0   | 36.0  |       |

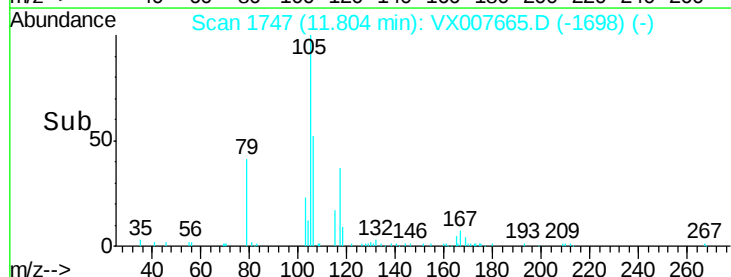
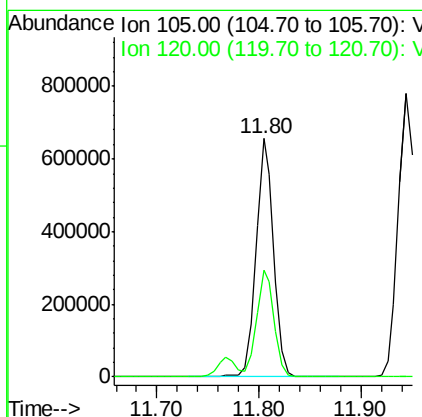
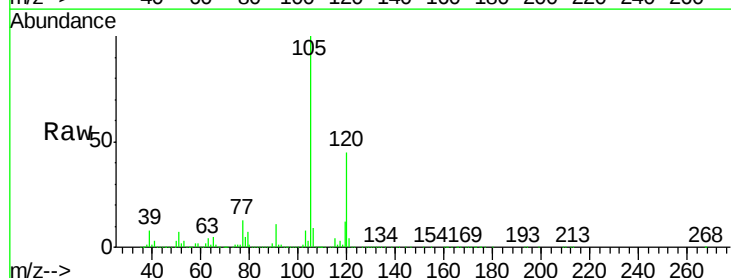
Manual Integrations  
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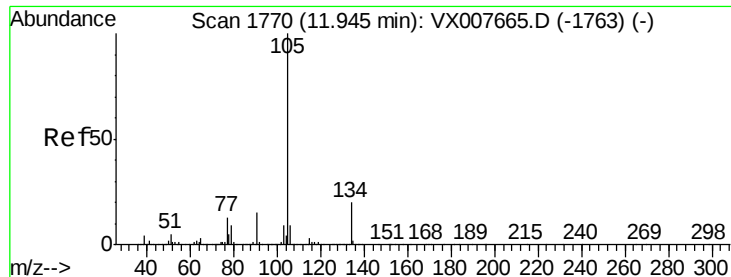
MMDadoda  
2/26/2019 2:57:34 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 54.427 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 794665 |       |       |
| 120     | 44.2  | 23.1   | 69.3  |       |





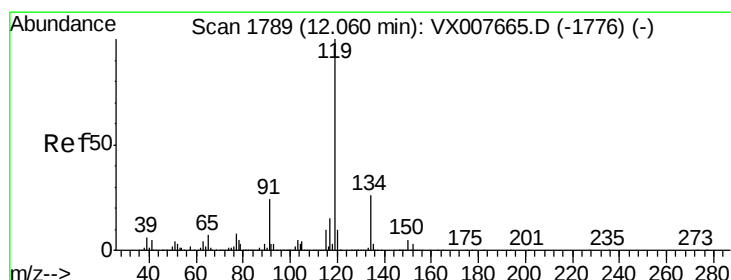
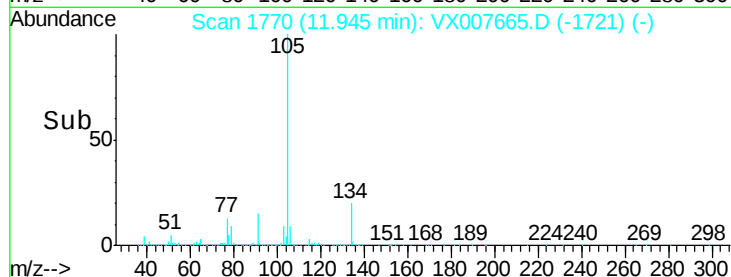
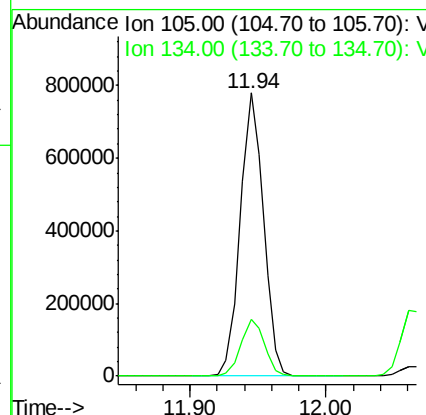
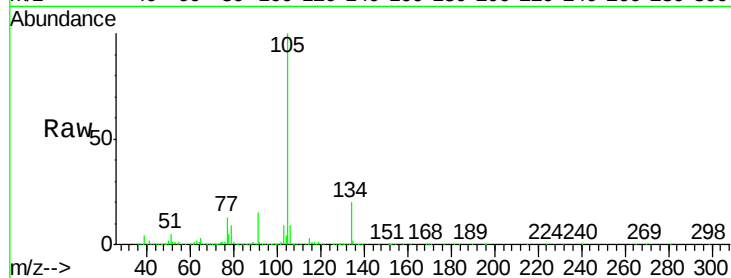
#85  
 sec-Butylbenzene  
 Concen: 53.863 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.4  | 10.6  | 31.8  |

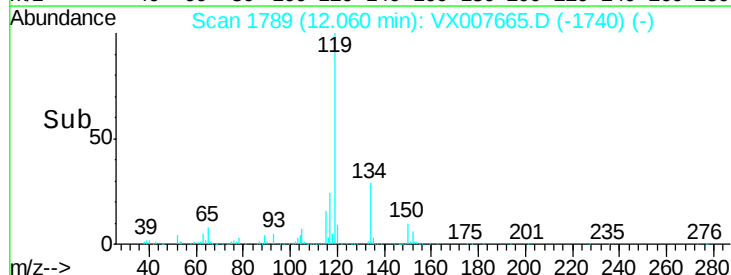
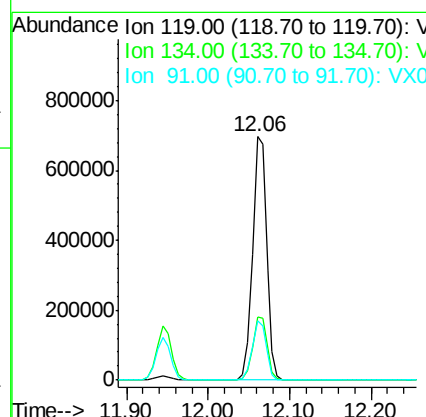
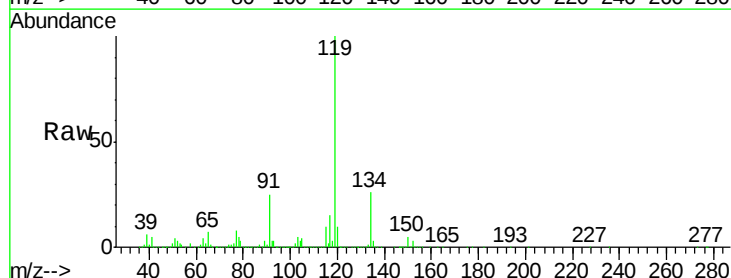
Manual Integrations  
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#86  
 p-Isopropyltoluene  
 Concen: 53.498 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 13.7  | 41.1  |
| 91      | 24.3  | 11.2  | 33.5  |





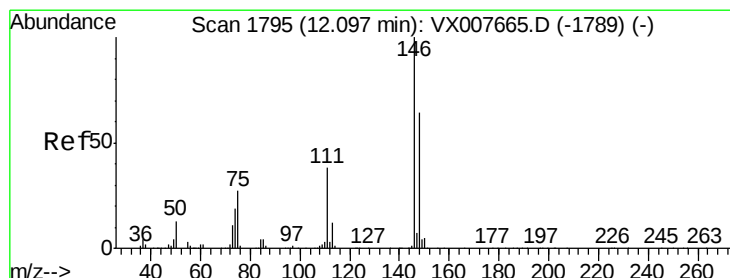
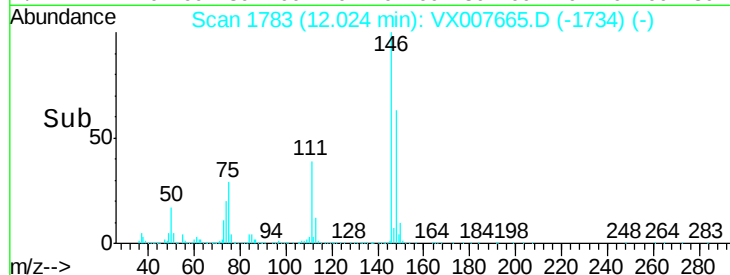
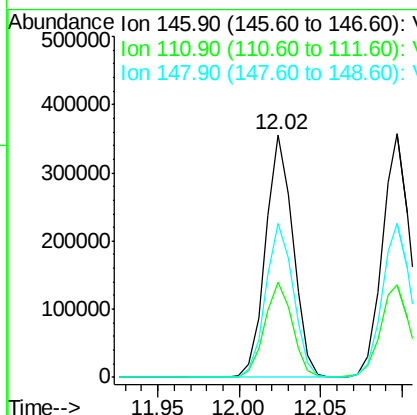
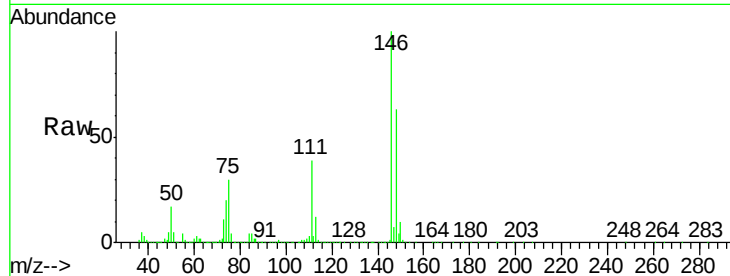
#87  
 1,3-Dichlorobenzene  
 Concen: 46.826 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 18.1  | 54.1  |
| 148     | 63.8  | 32.0  | 96.2  |

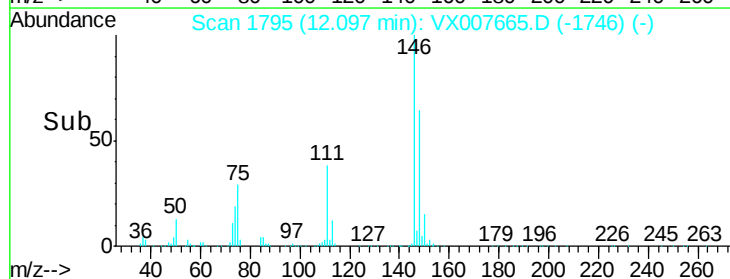
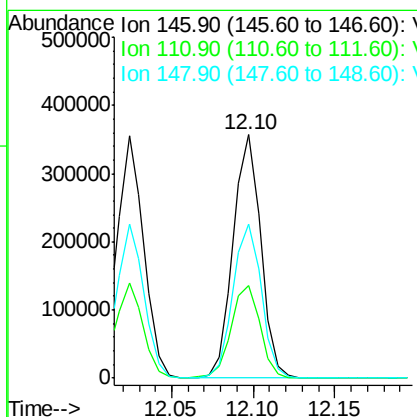
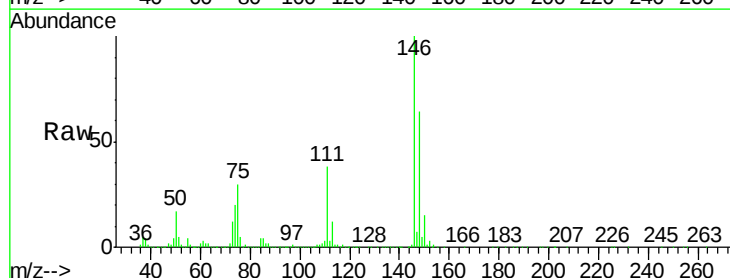
Manual Integrations  
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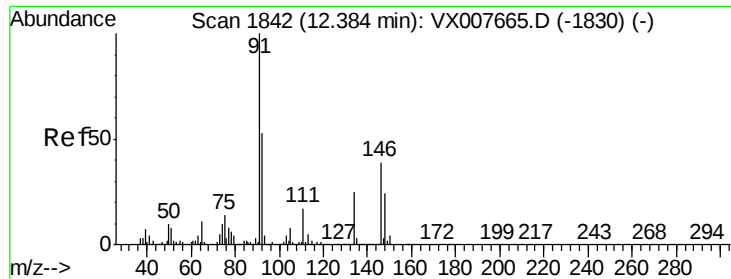
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.732 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 18.1  | 54.1  |
| 148     | 65.0  | 32.3  | 96.9  |





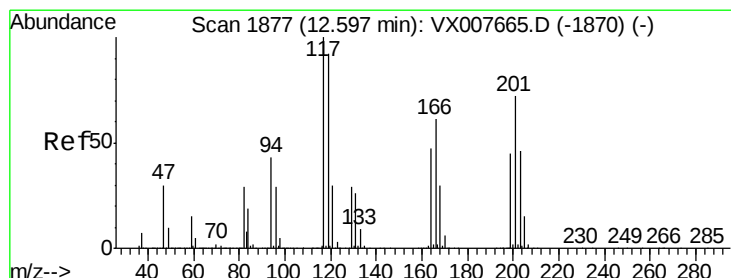
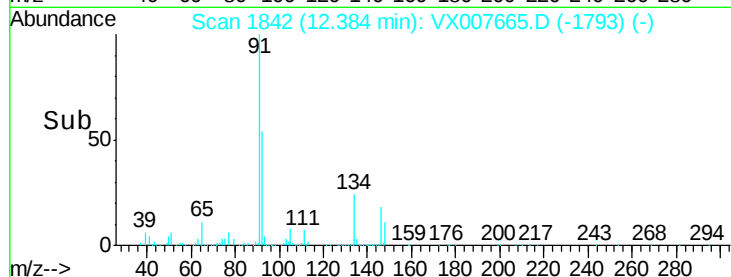
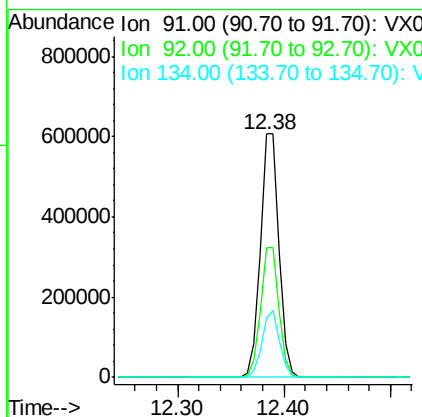
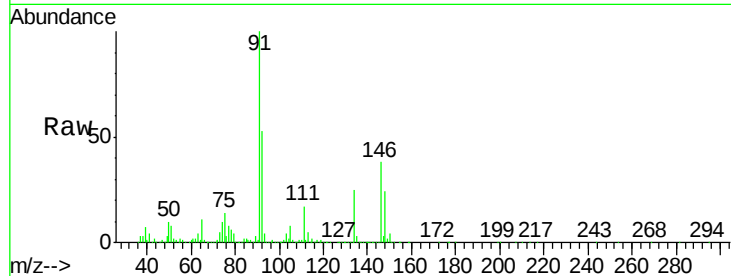
#89  
n-Butylbenzene  
Concen: 55.423 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.8  | 26.3  | 78.9  |
| 134     | 26.0  | 13.9  | 41.6  |

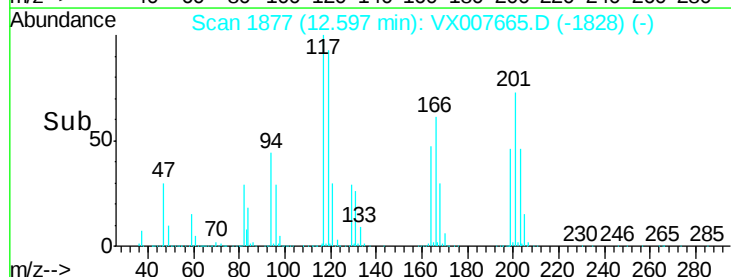
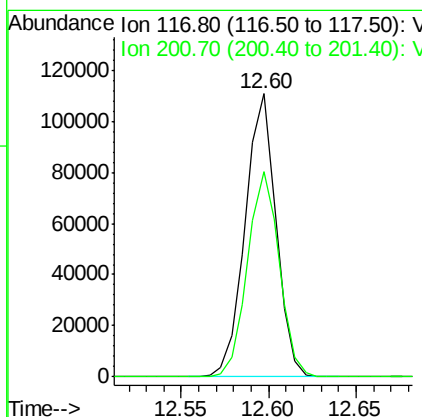
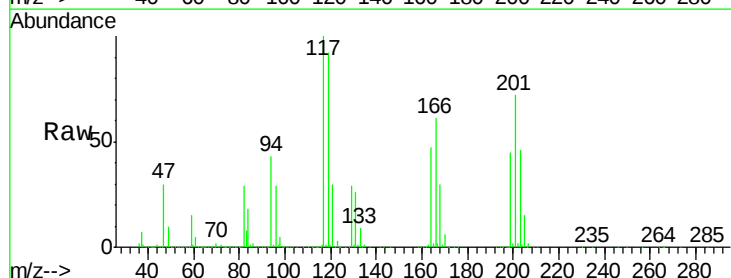
Manual Integrations  
APPROVED

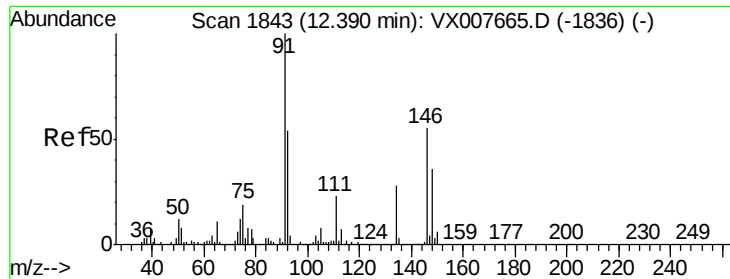
MMDadoda  
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#90  
Hexachloroethane  
Concen: 58.801 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007665.D  
Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 74.3  | 44.9  | 134.7 |





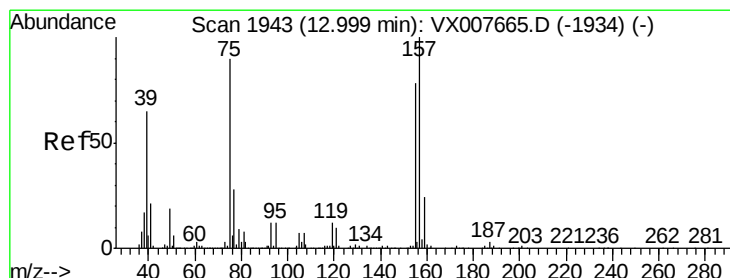
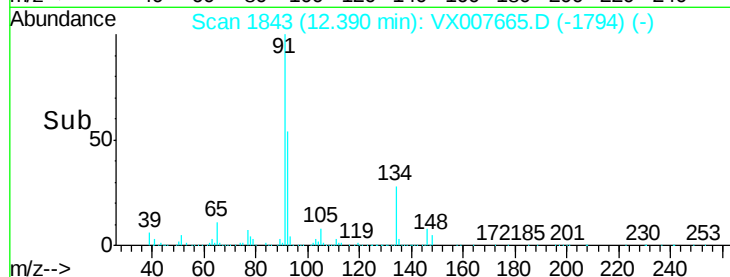
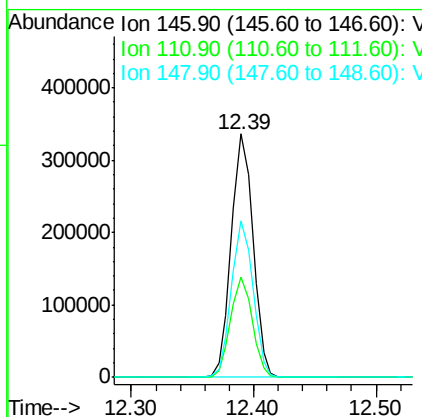
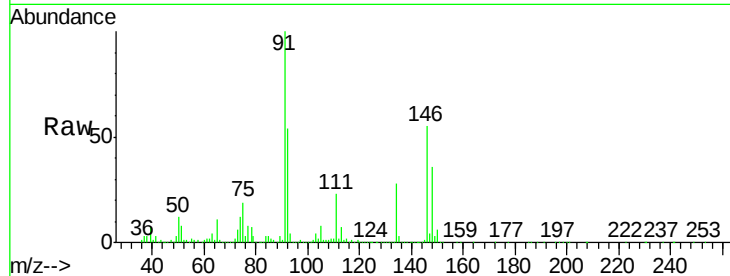
#91  
 1,2-Dichlorobenzene  
 Concen: 46.709 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 41.3  | 19.1 | 57.3  |       |
| 148     | 64.0  | 32.1 | 96.3  |       |

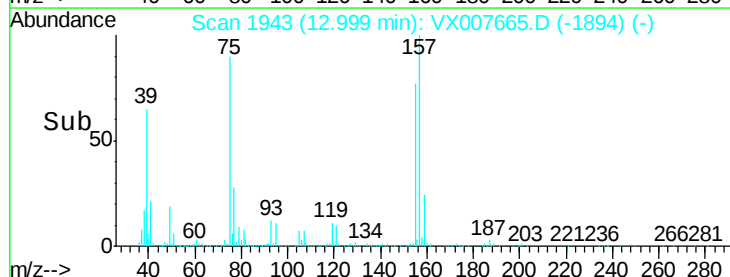
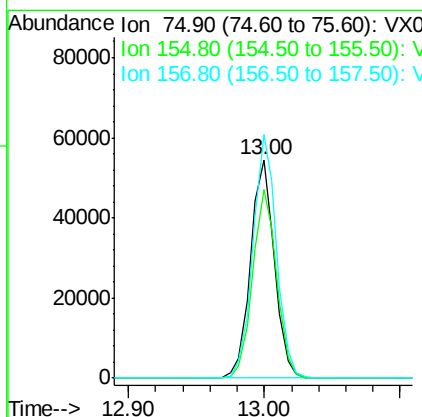
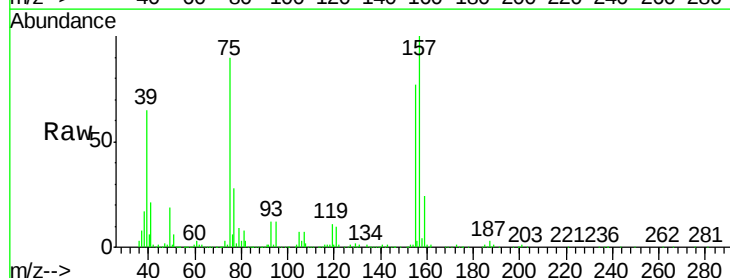
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 60.451 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 155     | 86.5  | 49.6 | 149.0 |       |
| 157     | 110.2 | 65.1 | 195.3 |       |





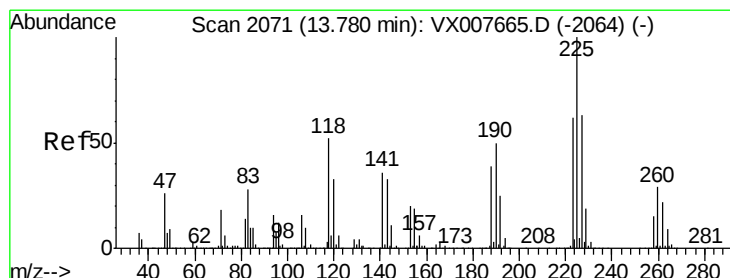
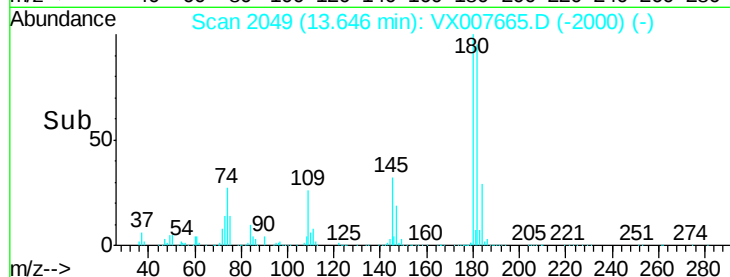
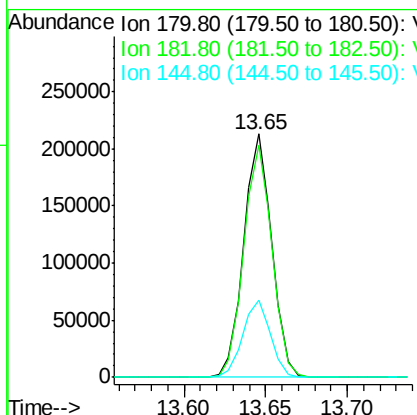
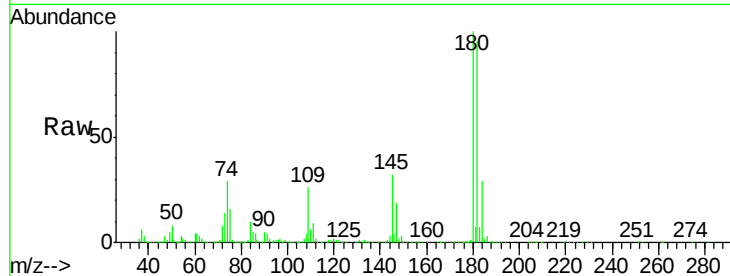
#93  
 1,2,4-Trichlorobenzene  
 Concen: 42.752 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 255045 |       |       |
| 182     | 96.2  | 47.8   | 143.3 |       |
| 145     | 31.2  | 14.1   | 42.2  |       |

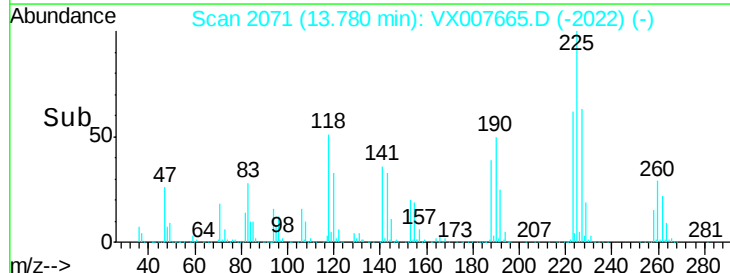
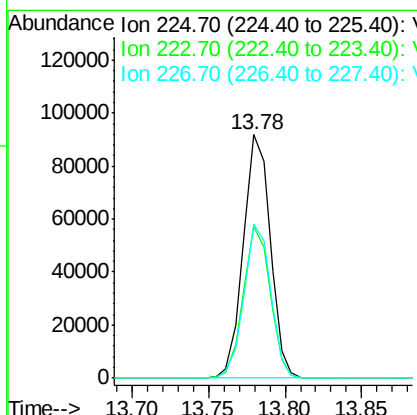
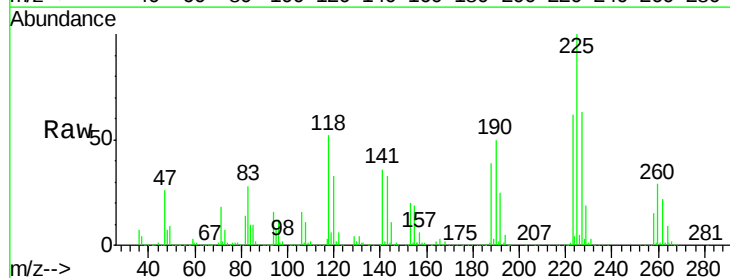
Manual Integrations  
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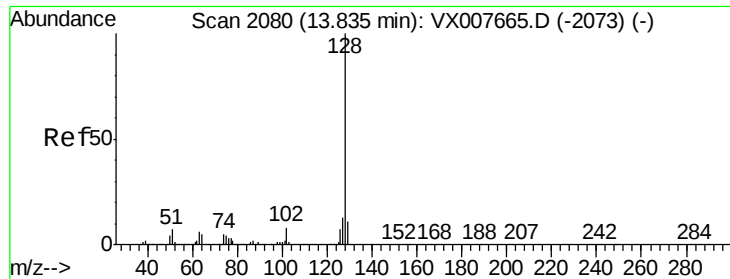
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#94  
 Hexachlorobutadiene  
 Concen: 38.915 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007665.D  
 Acq: 25 Feb 2019 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 112728 |       |       |
| 223     | 62.1  | 31.6   | 94.8  |       |
| 227     | 62.7  | 32.1   | 96.3  |       |





#95

Naphthalene

Concen: 50.506 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

Instrument :

MSVOA\_X

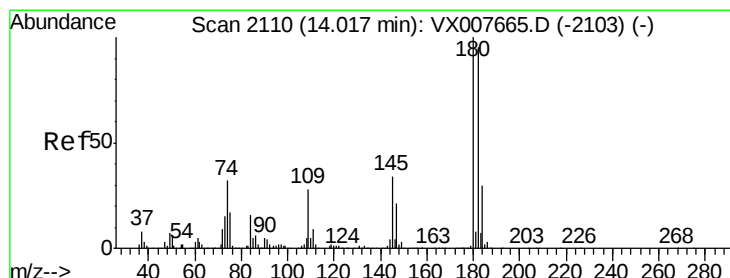
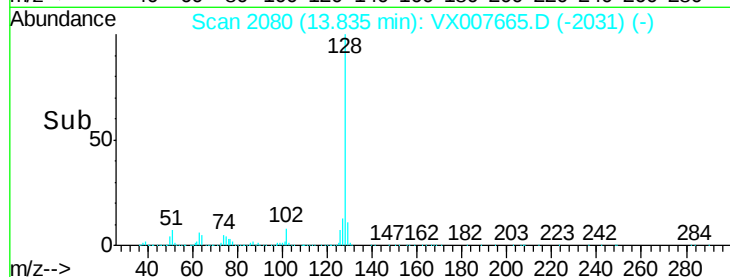
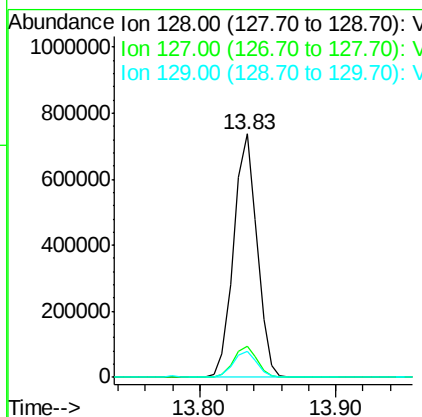
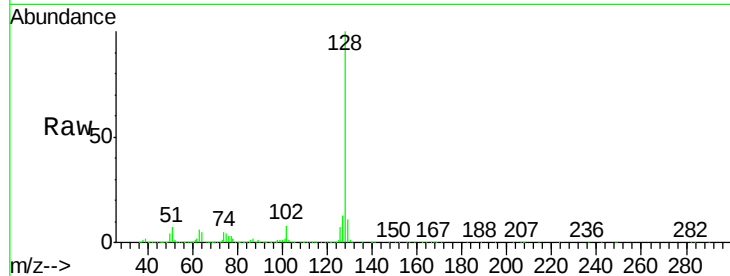
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 881102 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.5  | 15.7   |
| 129       | 10.9  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 42.428 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007665.D

Acq: 25 Feb 2019 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 254779 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 47.5  | 142.6  |
| 145       | 33.3  | 14.9  | 44.5   |

