

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122718\  
 Data File : VX006846.D  
 Acq On : 27 Dec 2018 16:55  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 12/28/2018 10:28:20 AM

Quant Time: Dec 28 06:07:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 559900   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 824913   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 752117   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 383703   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 287685   | 47.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.34%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 264520   | 50.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.42% |      |
| 50) Toluene-d8            | 8.71   | 98  | 958752   | 48.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.50%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 356168   | 49.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.90%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 205479  | 40.116  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 231291  | 41.913  | ug/l | 96     |
| 4) Vinyl Chloride             | 1.41 | 62  | 251161  | 43.579  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 223567  | 41.232  | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 166909  | 41.825  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 403217  | 44.874  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 164207  | 46.010  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 238323  | 45.172  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 353687  | 46.833  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 292374  | 217.103 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 222447  | 44.467  | ug/l | 96     |
| 13) Acrolein                  | 2.30 | 56  | 222958  | 245.414 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 396416  | 47.078  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 733002  | 245.143 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 609647  | 219.901 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 486067  | 36.716  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 448317  | 54.994  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 830640  | 50.028  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 259626  | 45.288  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 236770  | 42.716  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.87 | 45  | 757480  | 49.172  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.82 | 43  | 3057435 | 242.642 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 415041  | 45.133  | ug/l | 98     |
| 25) 2-Butanone                | 4.70 | 43  | 901128  | 231.077 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 306621  | 43.165  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 277627  | 45.397  | ug/l | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 197293  | 50.929  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 602003  | 234.383 | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 439582  | 46.161  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 332032  | 39.744  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 375768  | 46.732  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 307118  | 44.952  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 354020  | 49.784  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 313085  | 47.153  | ug/l | 97     |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 12/28/2018 10:28:20 AM

Quant Time: Dec 28 06:07:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 343082   | 38.142  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 968589   | 46.639  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 199072   | 52.729  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 328872   | 46.473  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 580011   | 53.606  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 280666   | 44.652  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 251730   | 49.810  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 177025   | 47.622  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 308547   | 49.995  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 295625   | 53.729  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 116472   | 805.176 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1835396  | 266.606 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 625410   | 46.614  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 342779   | 51.787  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 379603   | 52.268  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 270671   | 49.287  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 410085   | 52.834  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 430066   | 48.675  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 1093423  | 265.013 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1369150  | 259.933 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 271482   | 47.393  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 285406   | 48.889  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 258306   | 43.372  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 743018   | 46.696  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 261962   | 52.768  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 1206044  | 46.385  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 946624   | 92.265  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 478046   | 47.185  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 779536   | 48.635  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 202056   | 45.557  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1210443  | 46.112  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 536874   | 57.139  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 404651   | 51.833  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 375826m  | 52.705  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 353743   | 49.846  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 1333720  | 46.139  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 810345   | 46.259  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 971509   | 44.933  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 110637   | 47.453  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 949775   | 47.267  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 1002176  | 46.313  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1007189  | 44.288  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1139610  | 42.954  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1036597  | 44.447  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 598027   | 46.757  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 603885   | 46.057  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 870611   | 43.864  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 149971   | 41.675  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 590111   | 46.122  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 79382    | 49.143  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\  
Data File : VX006846.D  
Acq On : 27 Dec 2018 16:55  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

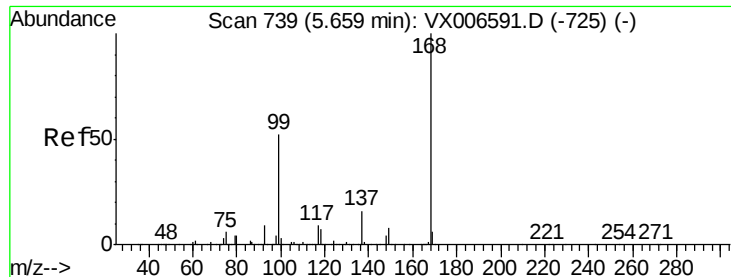
MMDadoda  
12/28/2018 10:28:20 AM

Quant Time: Dec 28 06:07:09 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 19 15:20:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 382012   | 43.284 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 166598   | 40.048 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1181817  | 41.955 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 375297   | 41.185 | 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. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 559900

Ion Ratio Lower Upper

168 100

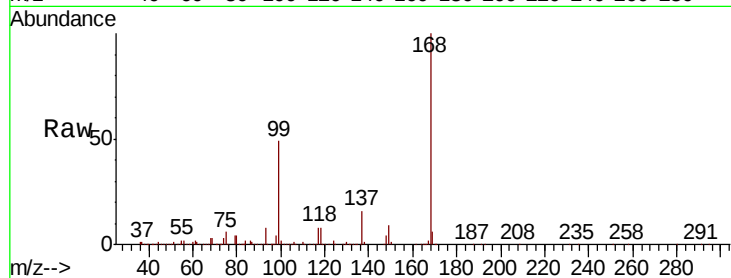
99 48.4 41.8 62.8

Manual Integrations

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12/28/2018 10:28:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

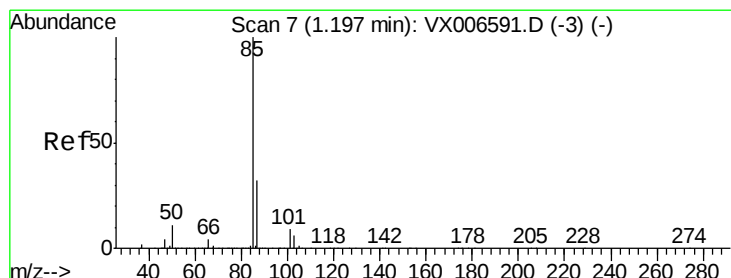
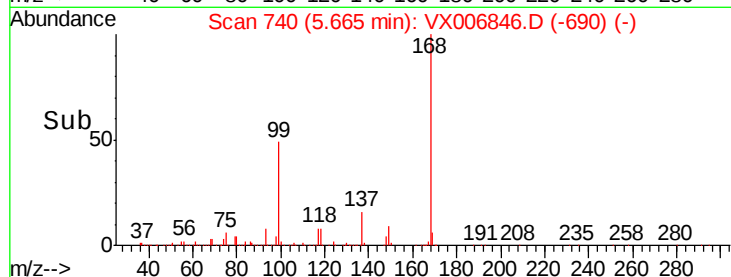
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.116 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006846.D

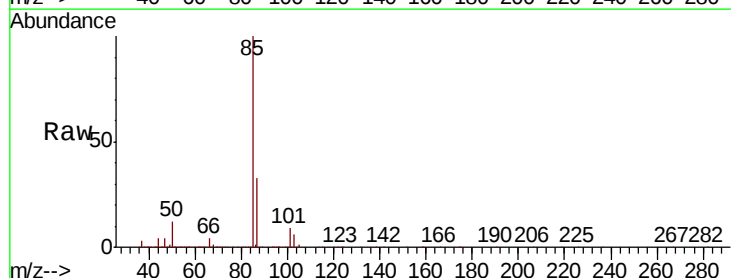
Acq: 27 Dec 2018 16:55

Tgt Ion: 85 Resp: 205479

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

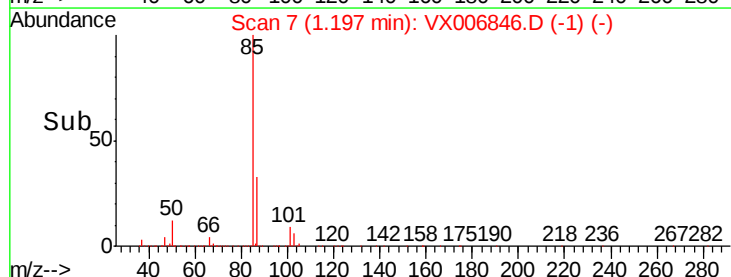
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.913 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 231291

Ion Ratio Lower Upper

50 100

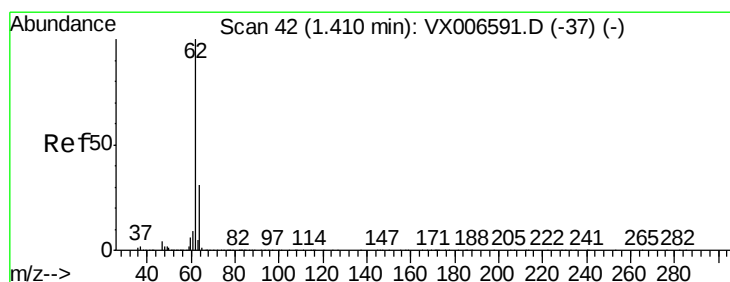
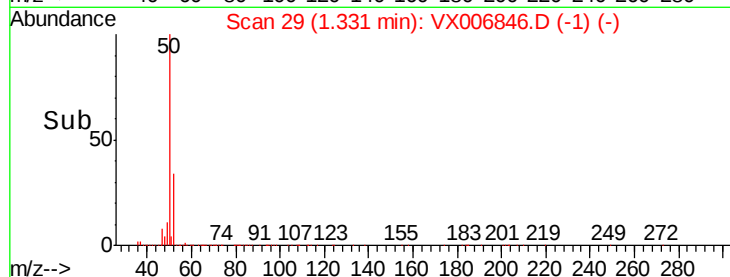
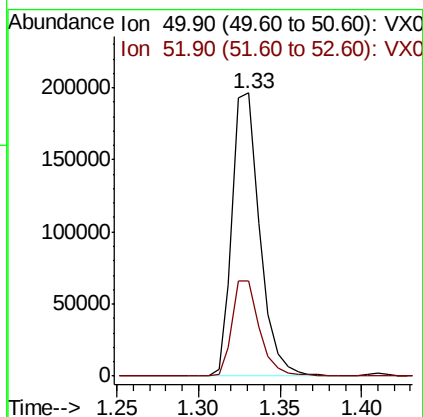
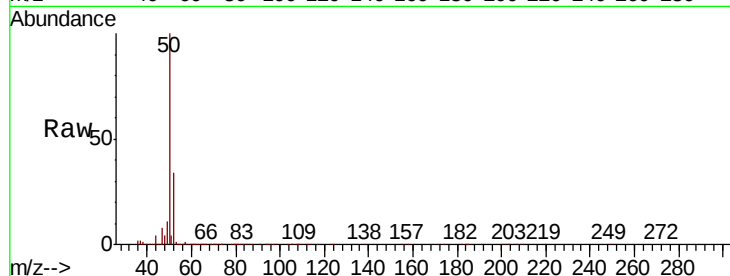
52 33.8 25.4 38.2

Manual Integrations

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12/28/2018 10:28:20 AM



#4

Vinyl Chloride

Concen: 43.579 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006846.D

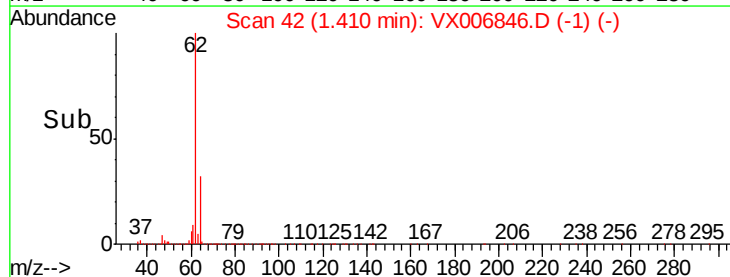
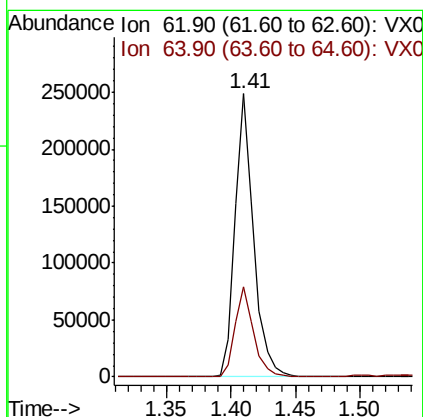
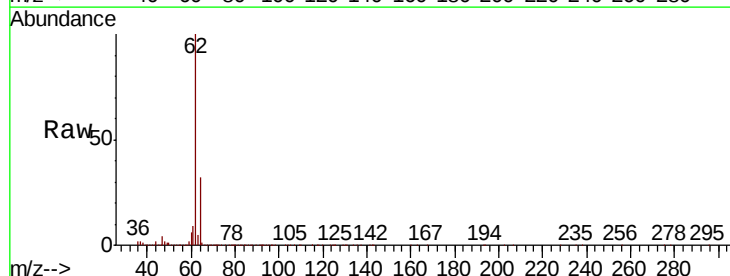
Acq: 27 Dec 2018 16:55

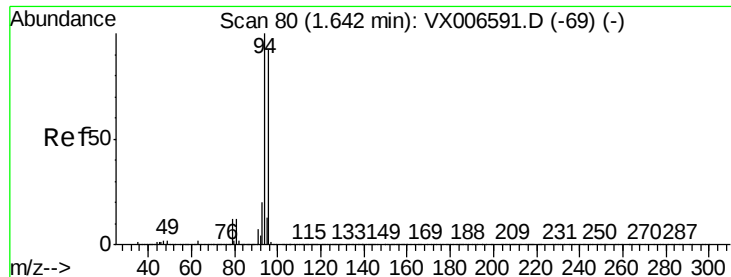
Tgt Ion: 62 Resp: 251161

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 41.232 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 223567

Ion Ratio Lower Upper

94 100

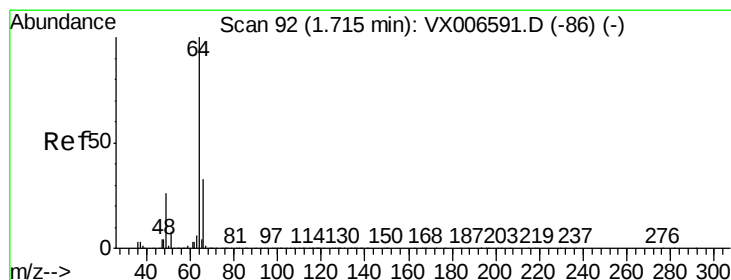
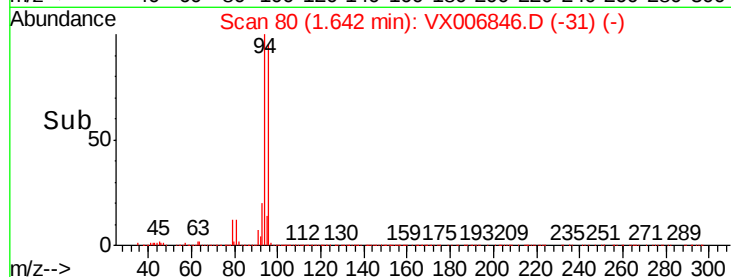
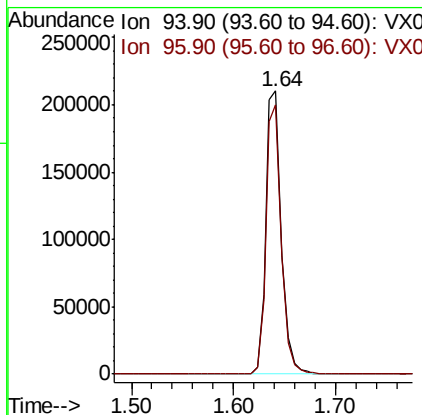
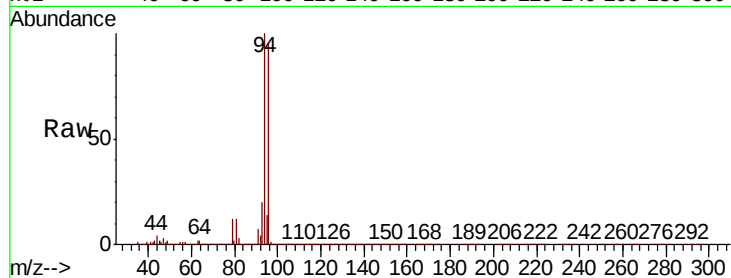
96 95.3 73.4 110.2

Manual Integrations

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12/28/2018 10:28:20 AM



#6

Chloroethane

Concen: 41.825 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006846.D

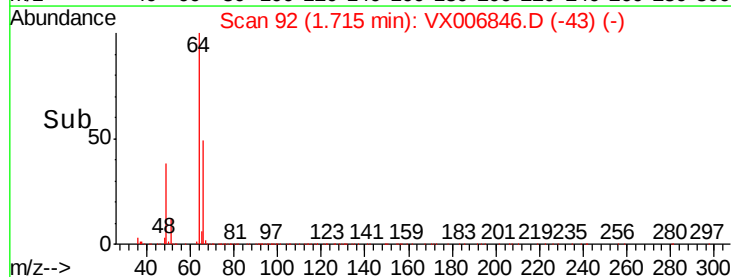
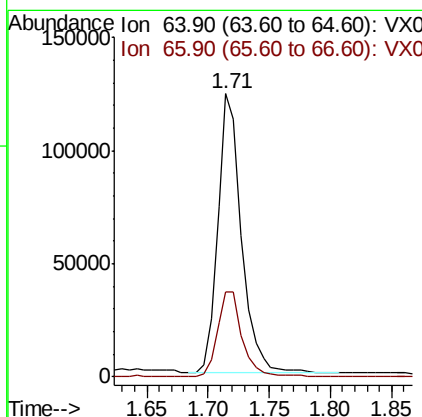
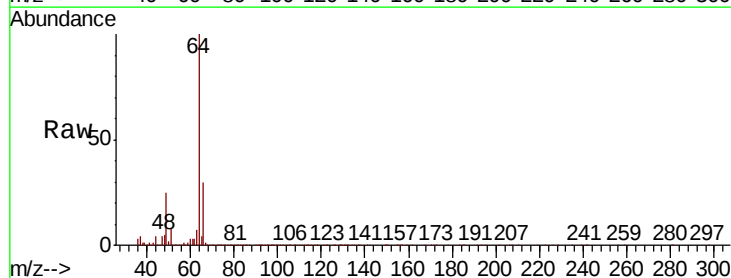
Acq: 27 Dec 2018 16:55

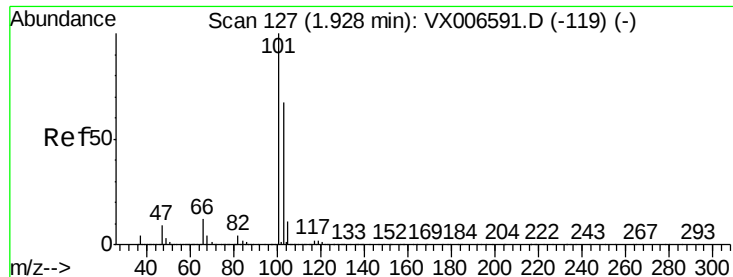
Tgt Ion: 64 Resp: 166909

Ion Ratio Lower Upper

64 100

66 30.4 26.4 39.6





#7

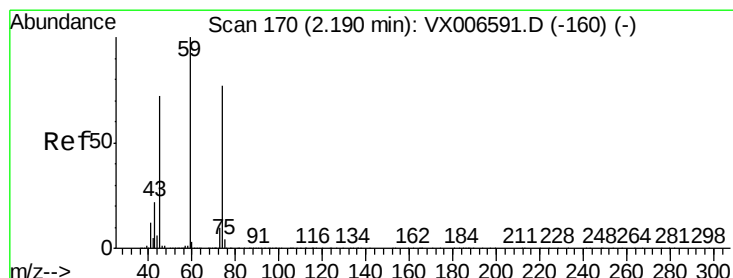
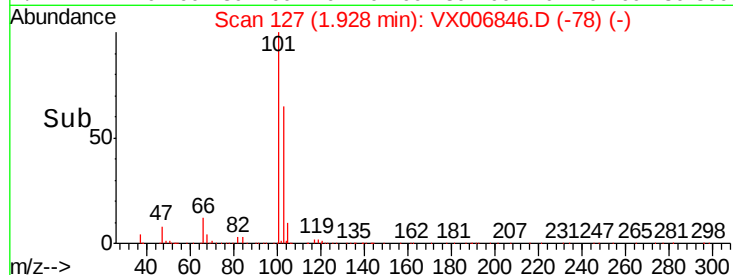
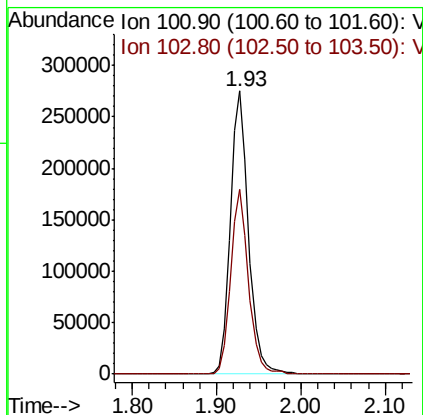
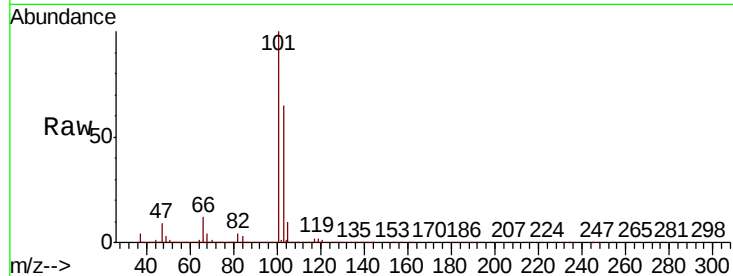
Trichlorofluoromethane  
Concen: 44.874 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.4  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

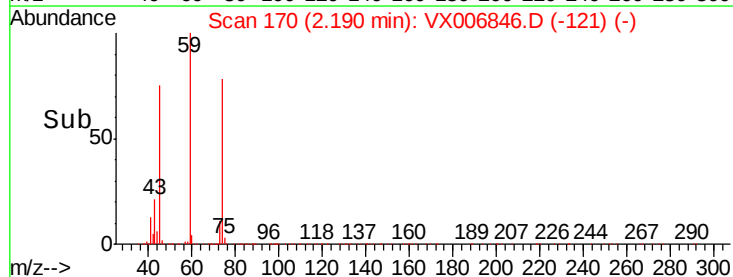
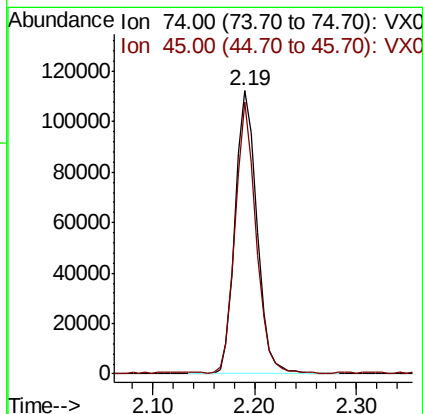
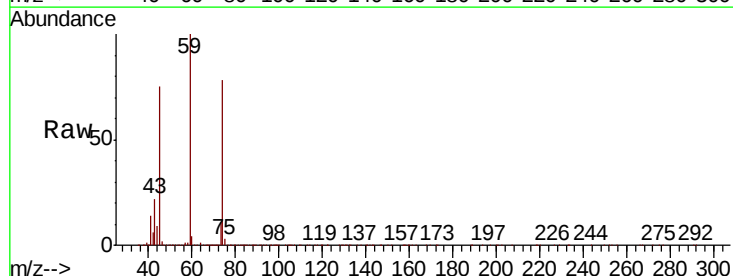
MMDadoda  
12/28/2018 10:28:20 AM

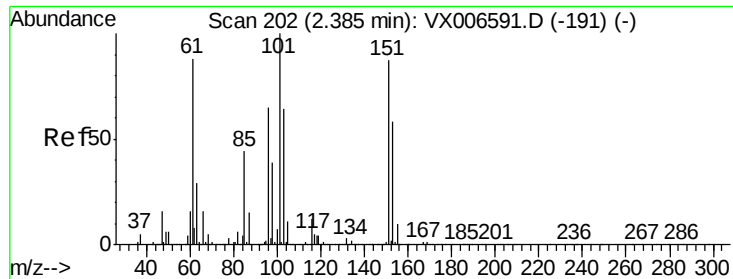


#8

Diethyl Ether  
Concen: 46.010 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.0  | 46.3  | 138.9 |





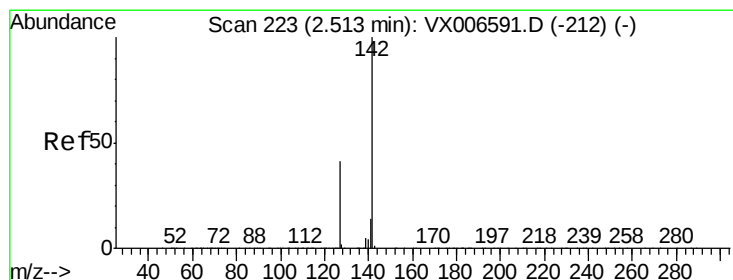
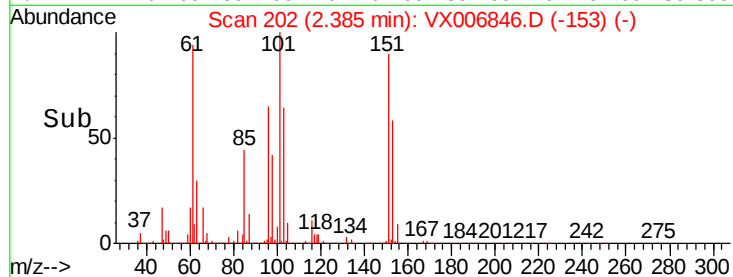
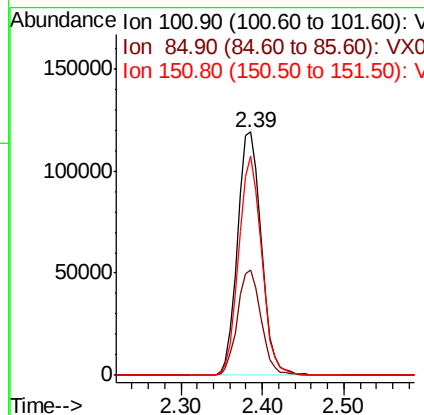
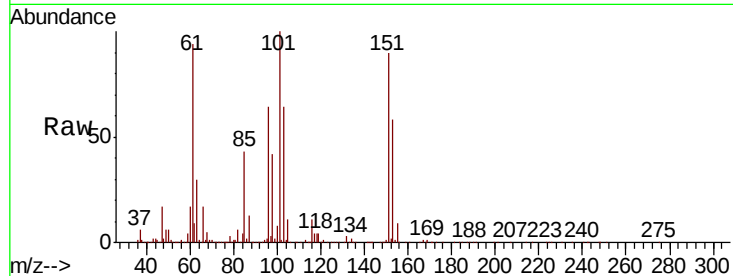
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 45.172 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 238323 |       |       |
| 85      | 43.2  | 35.1   | 52.7  |       |
| 151     | 86.9  | 68.9   | 103.3 |       |

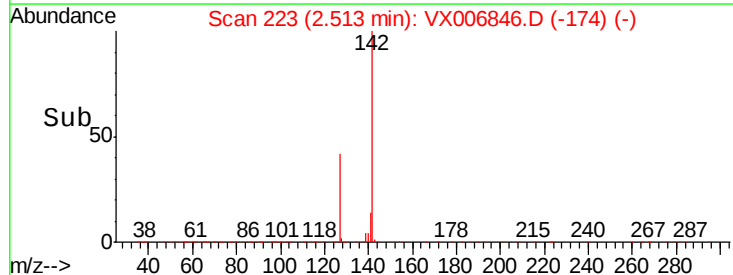
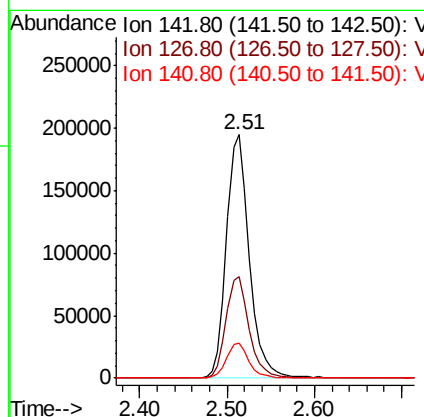
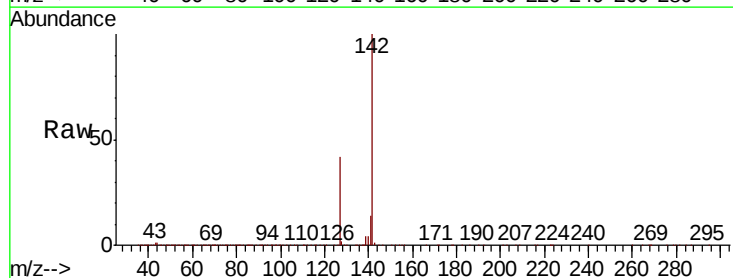
Manual Integrations  
 APPROVED

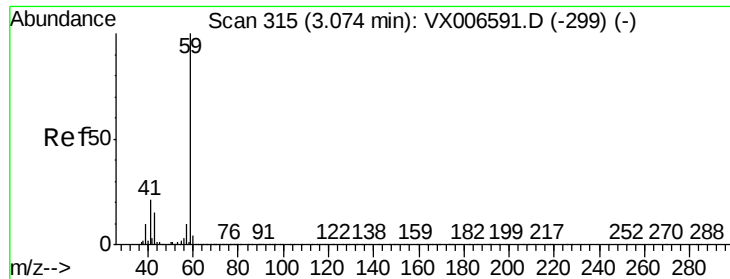
MMDadoda  
 12/28/2018 10:28:20 AM



#10  
 Methyl Iodide  
 Concen: 46.833 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 353687 |       |       |
| 127     | 42.1  | 33.9   | 50.9  |       |
| 141     | 14.1  | 11.4   | 17.0  |       |





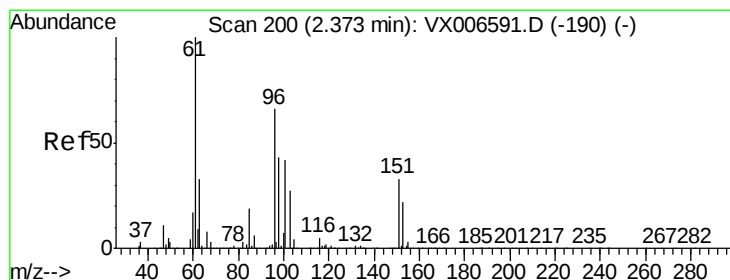
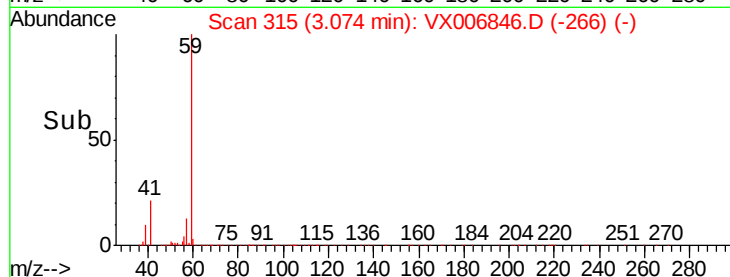
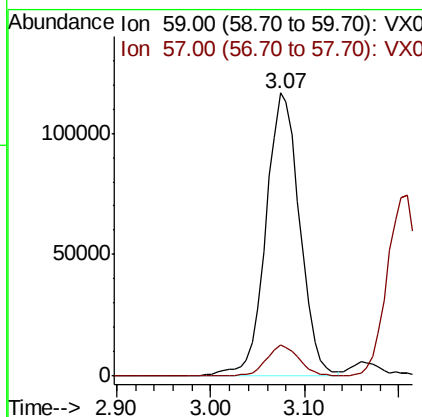
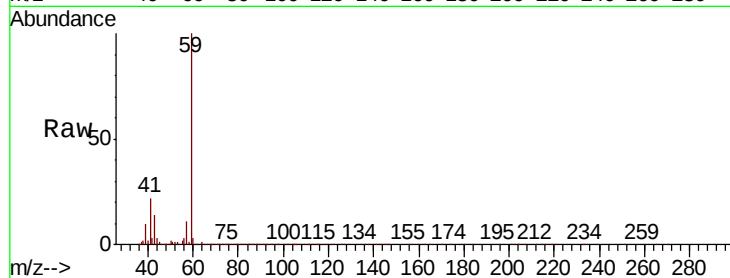
#11  
Tert butyl alcohol  
Concen: 217.103 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.5   | 12.7  |

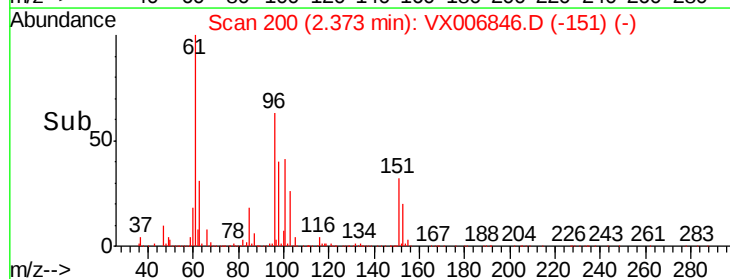
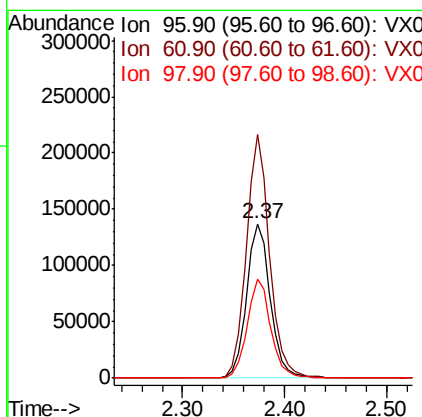
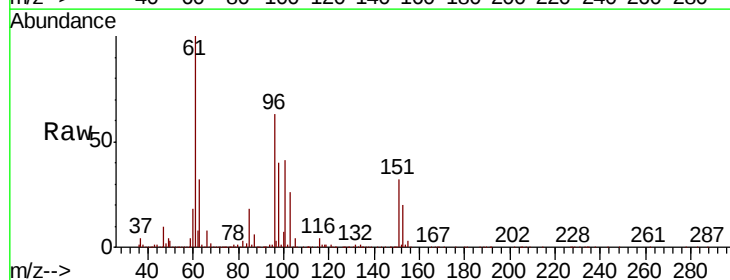
Manual Integrations  
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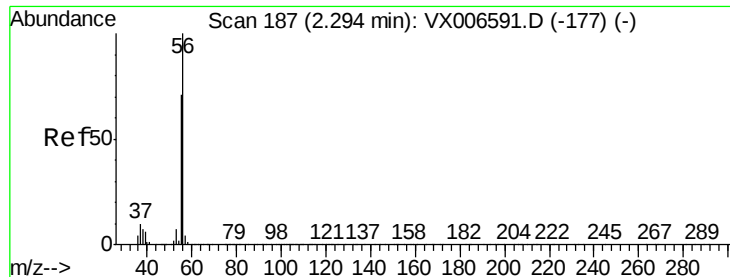
MMDadoda  
12/28/2018 10:28:20 AM



#12  
1,1-Dichloroethene  
Concen: 44.467 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.7 | 121.4 | 182.2 |
| 98      | 63.6  | 51.9  | 77.9  |





#13

Acrolein

Concen: 245.414 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 222958

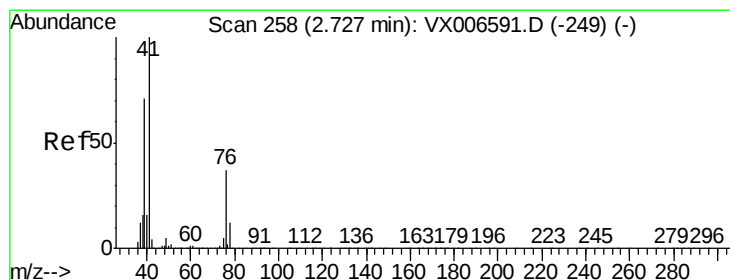
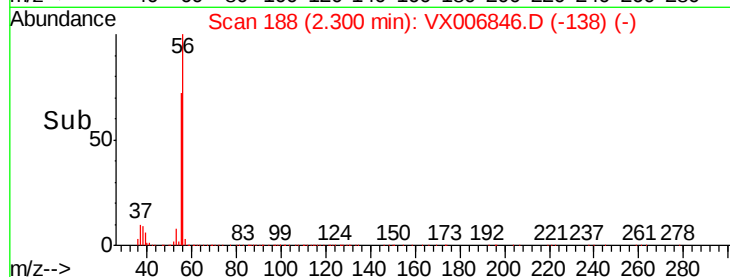
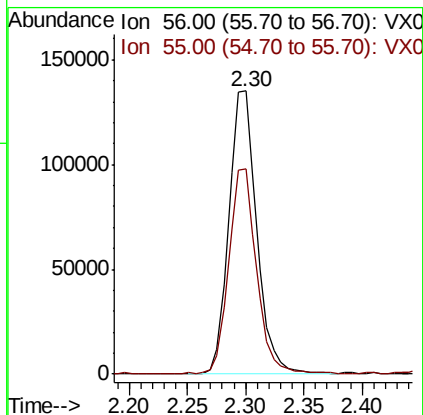
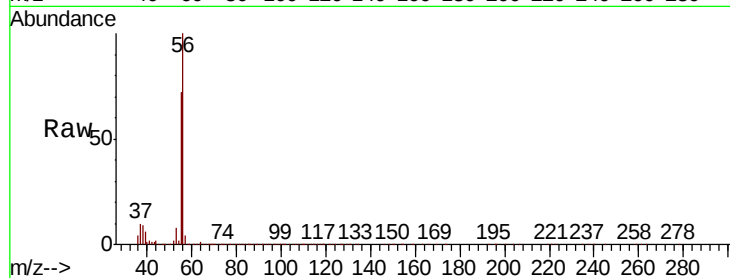
Ion Ratio Lower Upper

56 100

55 72.6 58.2 87.4

Manual Integrations  
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MMDadoda  
12/28/2018 10:28:20 AM



#14

Allyl chloride

Concen: 47.078 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

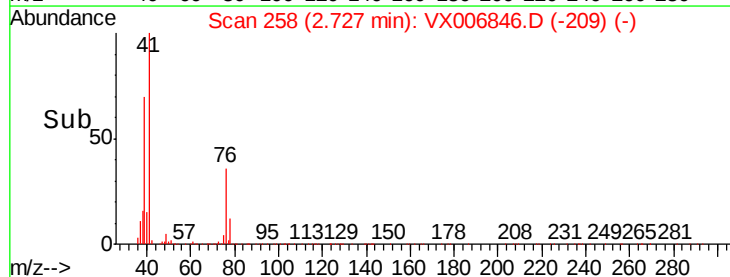
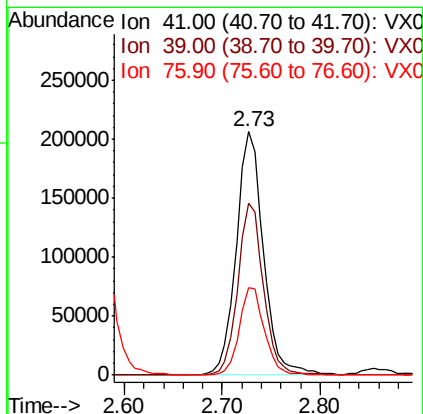
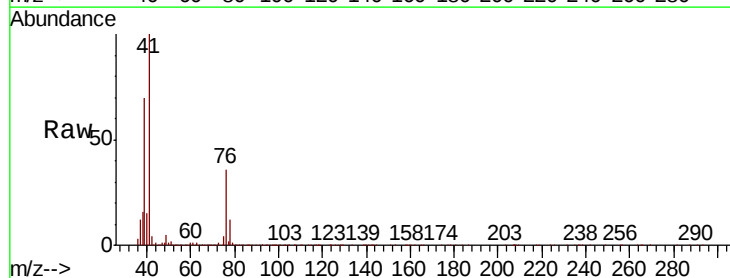
Tgt Ion: 41 Resp: 396416

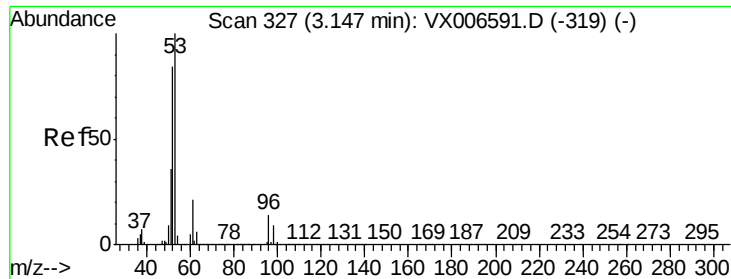
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 33.1 27.4 41.2





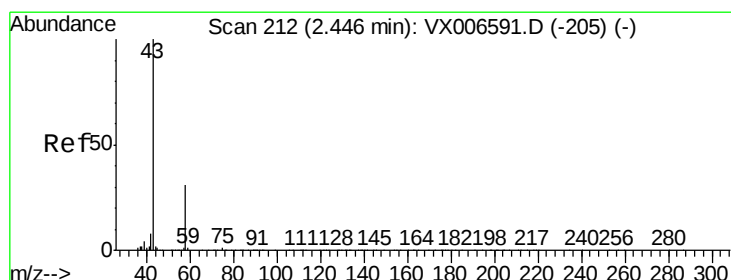
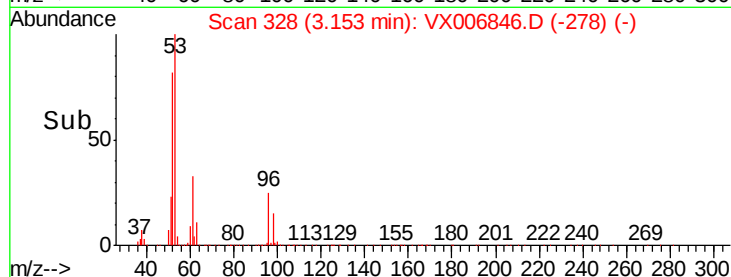
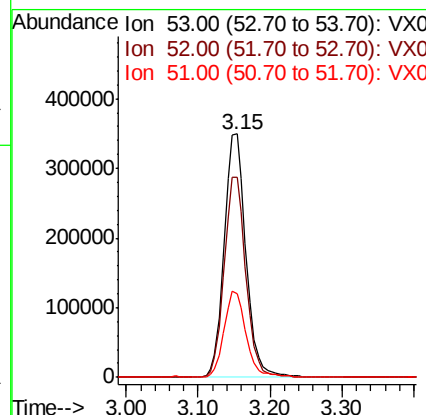
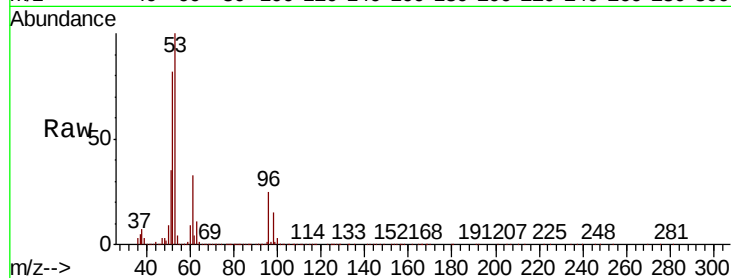
#15  
 Acrylonitrile  
 Concen: 245.143 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. 0.01 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 733002 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.9  | 66.0  | 99.0   |
| 51        | 35.6  | 28.6  | 42.8   |

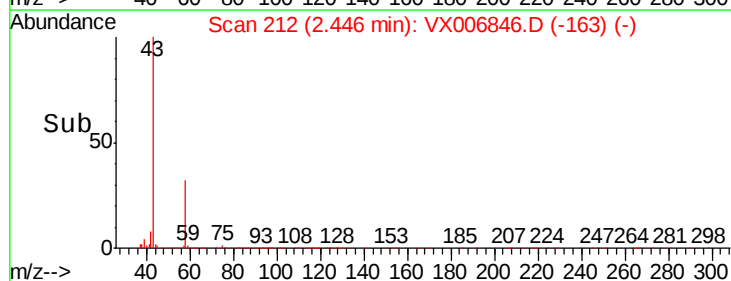
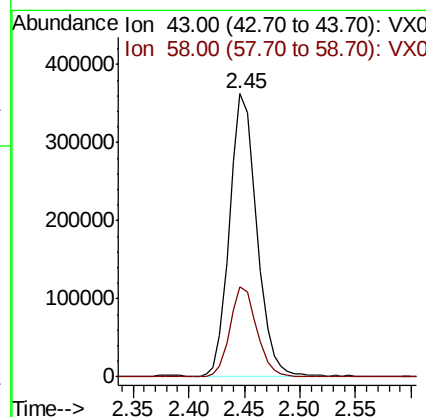
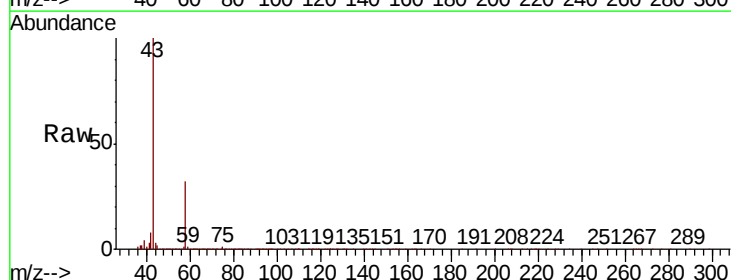
Manual Integrations  
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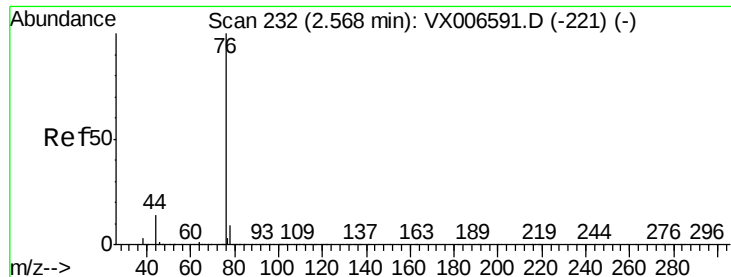
MMDadoda  
 12/28/2018 10:28:20 AM



#16  
 Acetone  
 Concen: 219.901 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 609647 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.9  | 25.0  | 37.6   |





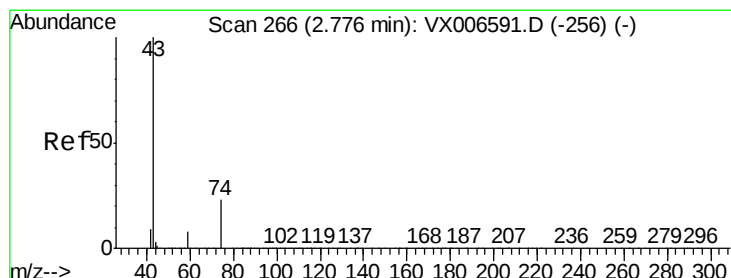
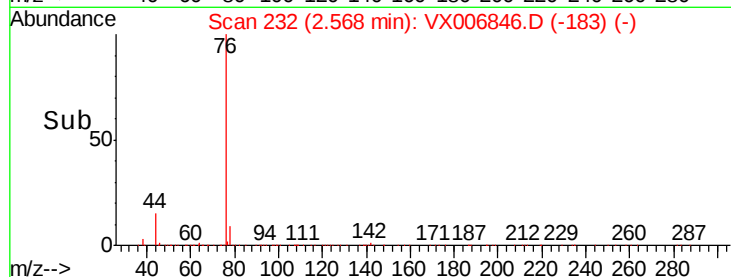
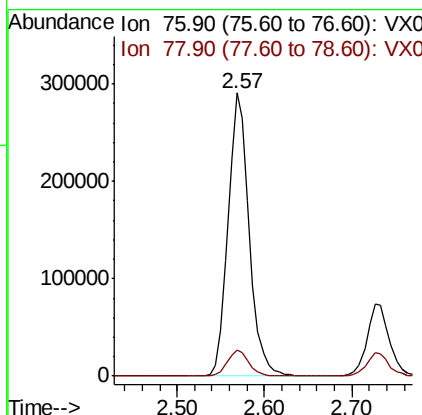
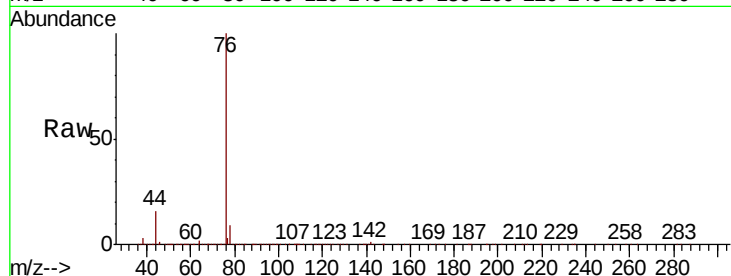
#17  
Carbon Disulfide  
Concen: 36.716 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.0   | 10.6  |

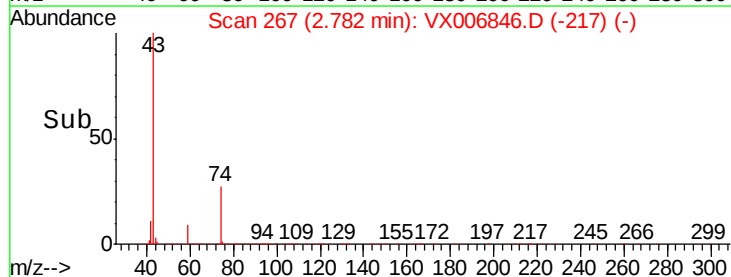
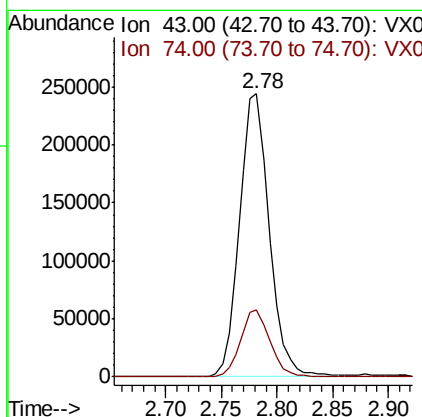
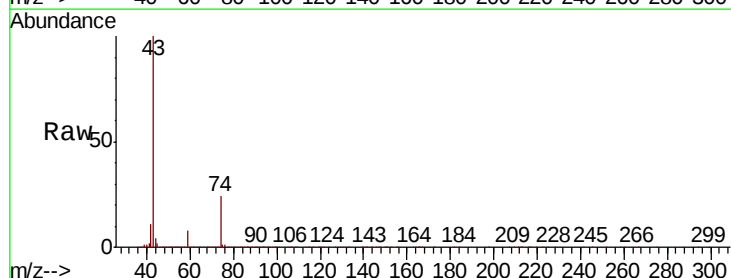
Manual Integrations  
APPROVED

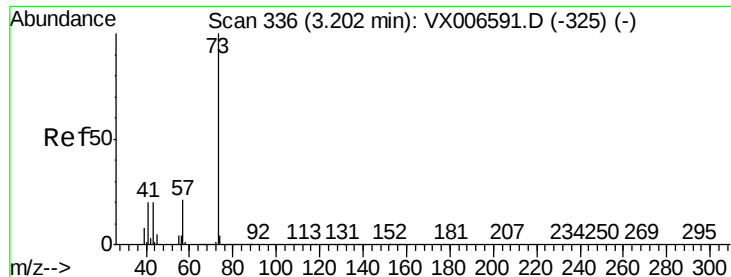
MMDadoda  
12/28/2018 10:28:20 AM



#18  
Methyl Acetate  
Concen: 54.994 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.9  | 18.6  | 28.0  |





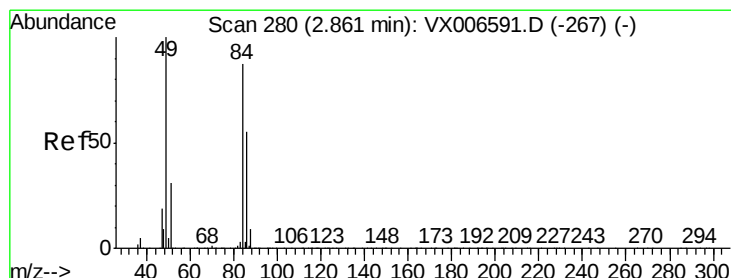
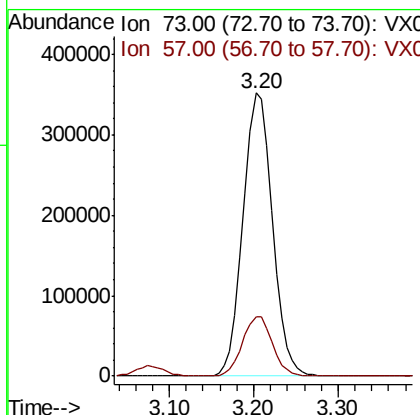
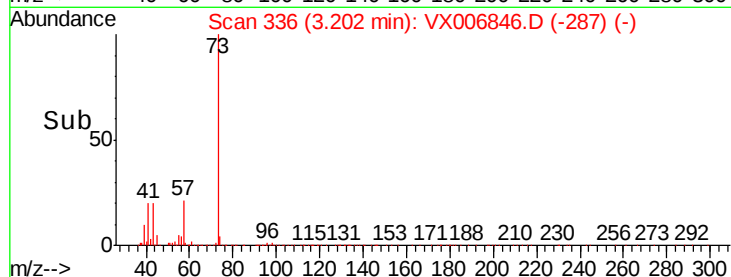
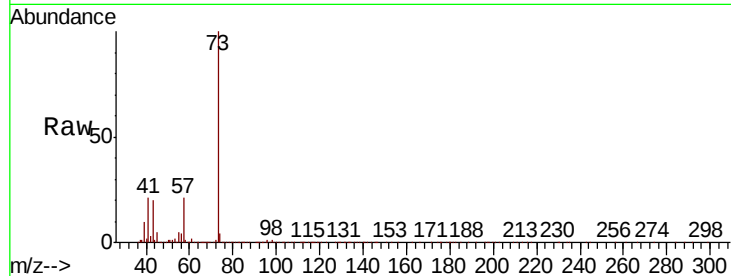
#19  
Methvl tert-butvl Ether  
Concen: 50.028 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.8  | 16.8  | 25.2  |

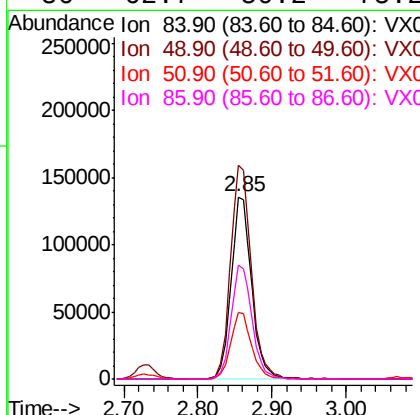
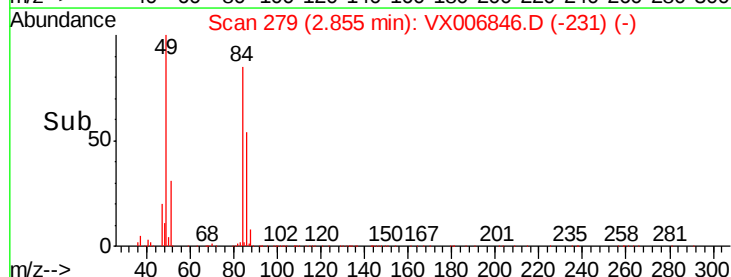
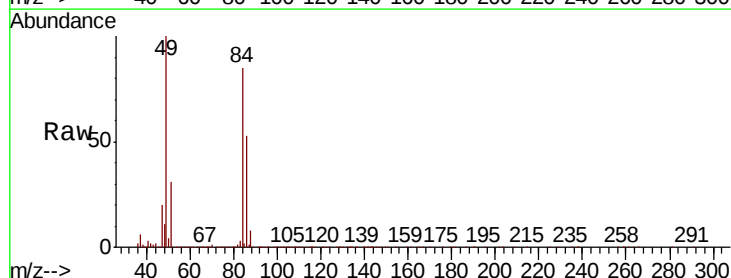
Manual Integrations  
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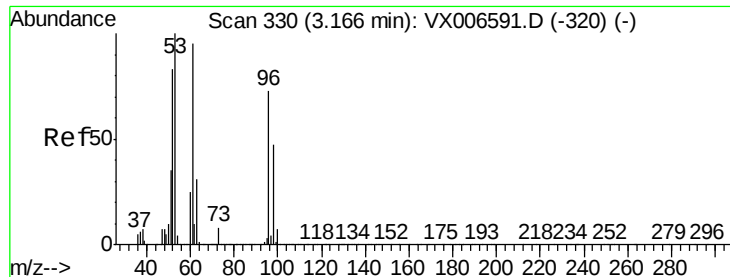
MMDadoda  
12/28/2018 10:28:20 AM



#20  
Methylene Chloride  
Concen: 45.288 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.2 | 91.8  | 137.6 |
| 51      | 36.5  | 28.5  | 42.7  |
| 86      | 62.7  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 42.716 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

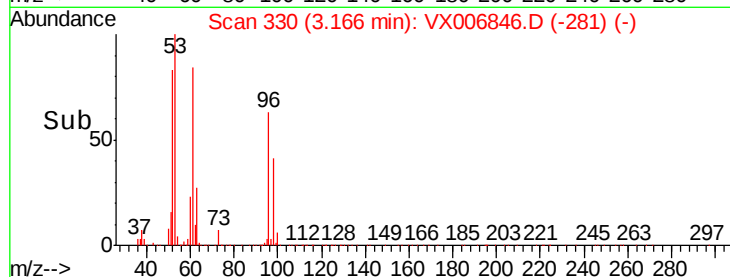
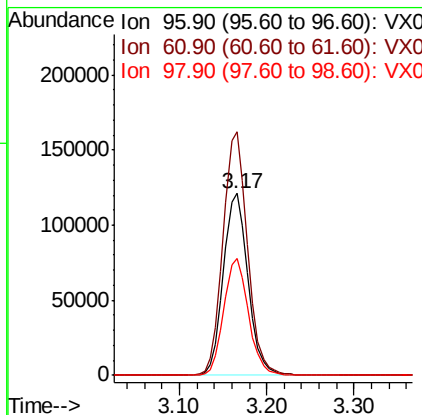
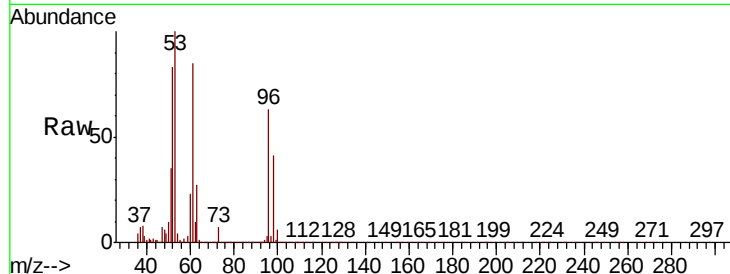
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 236770 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.0 | 103.7 | 155.5  |
| 98       | 64.5  | 51.0  | 76.6   |

Manual Integrations  
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MMDadoda  
12/28/2018 10:28:20 AM



#22

Diisopropyl ether

Concen: 49.172 ug/l

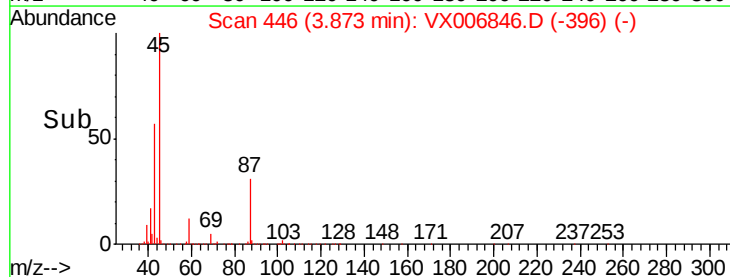
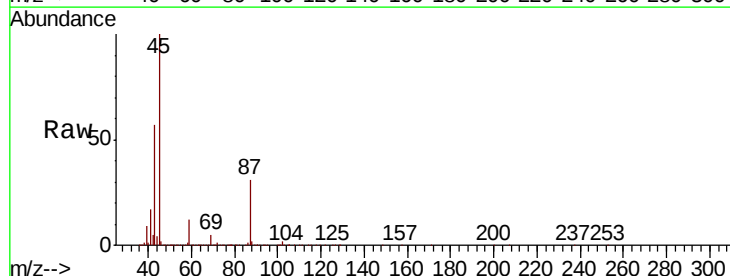
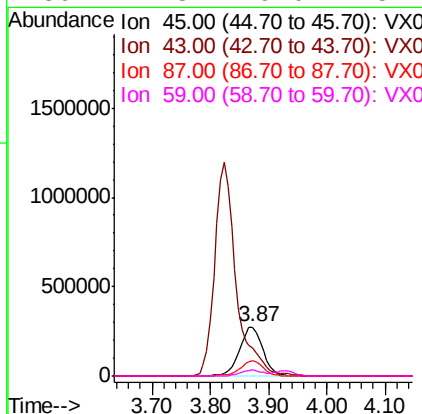
RT: 3.87 min Scan# 446

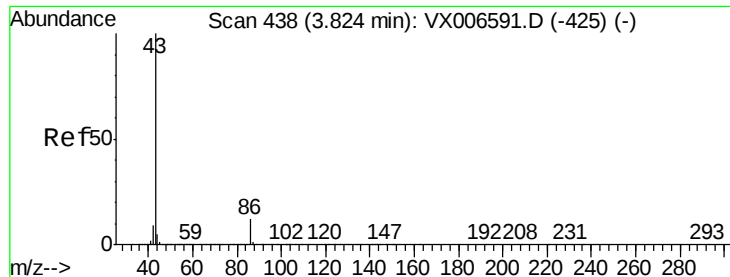
Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 757480 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.4  | 51.2  | 76.8   |
| 87       | 30.7  | 25.8  | 38.6   |
| 59       | 11.8  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 242.642 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 3057435

Ion Ratio Lower Upper

43 100

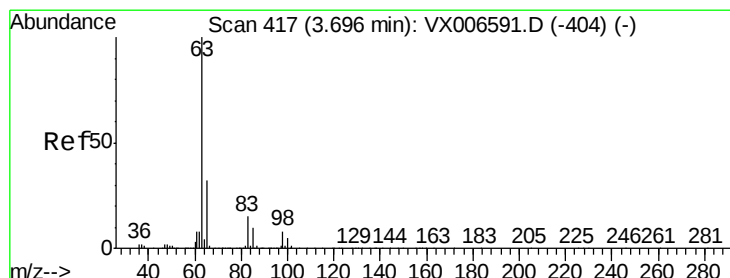
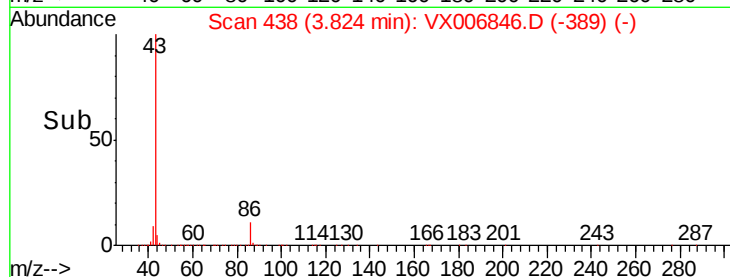
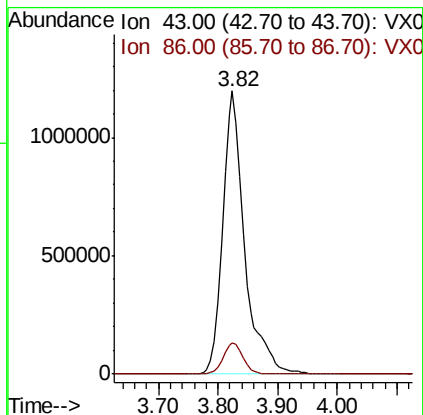
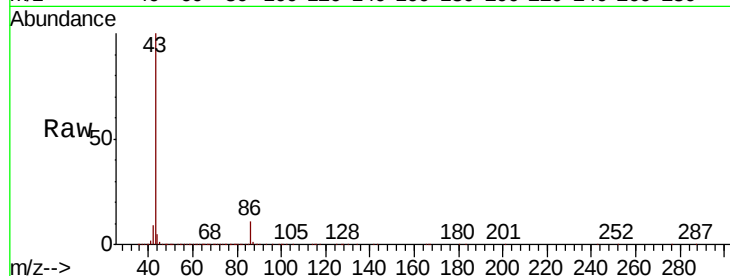
86 11.1 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

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#24

1,1-Dichloroethane

Concen: 45.133 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

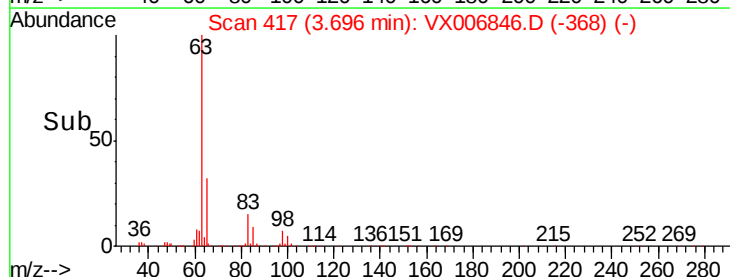
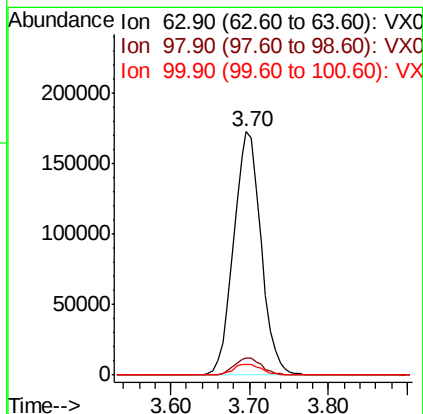
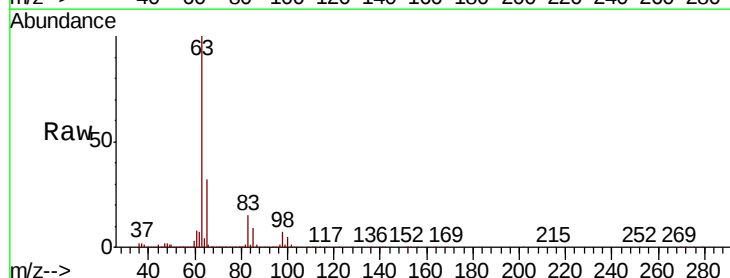
Tgt Ion: 63 Resp: 415041

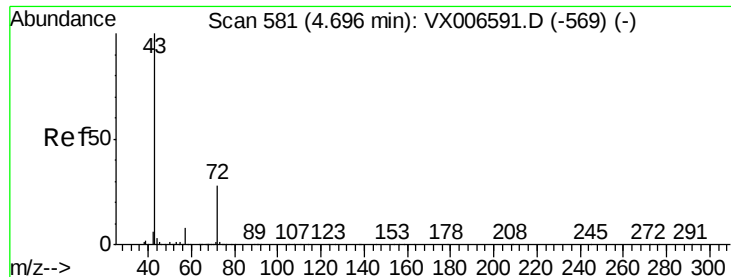
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 231.077 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 901128

Ion Ratio Lower Upper

43 100

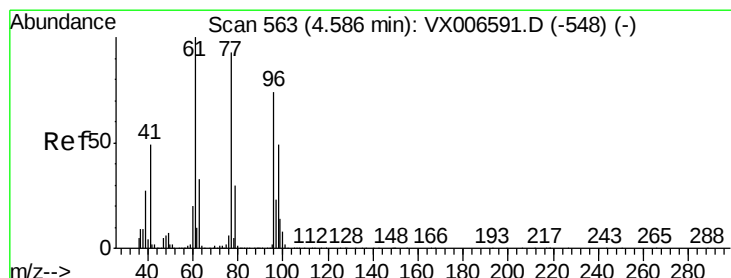
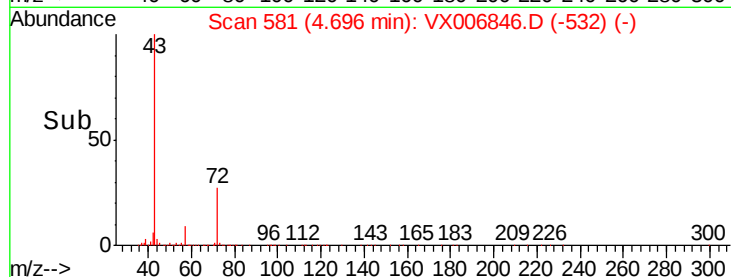
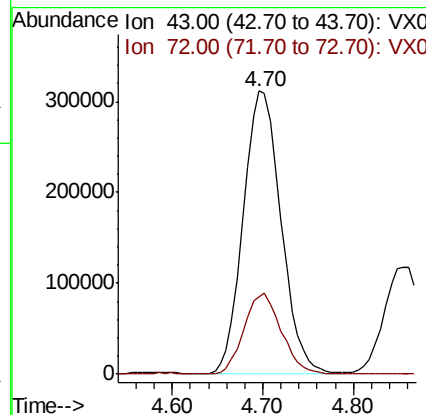
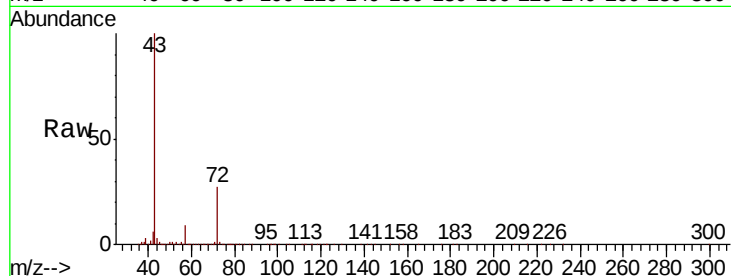
72 27.2 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 43.165 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006846.D

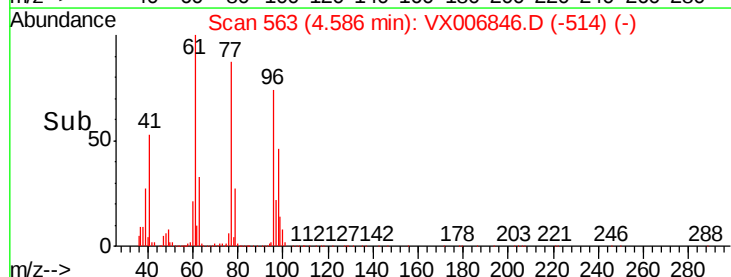
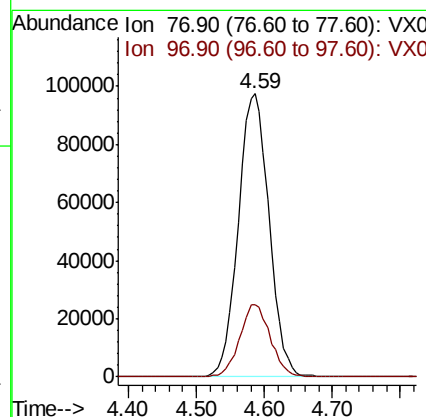
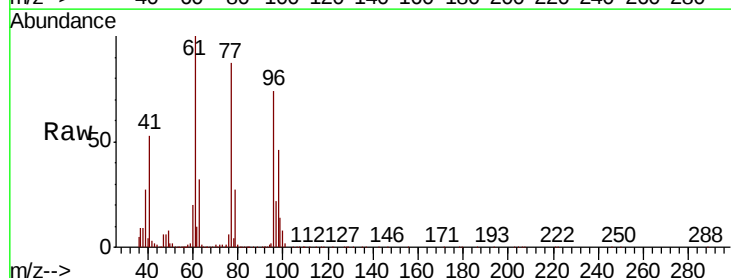
Acq: 27 Dec 2018 16:55

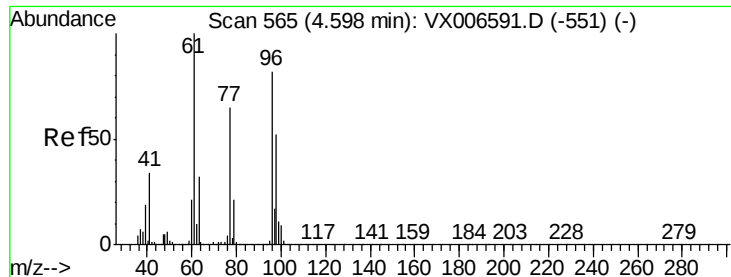
Tgt Ion: 77 Resp: 306621

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4





#27

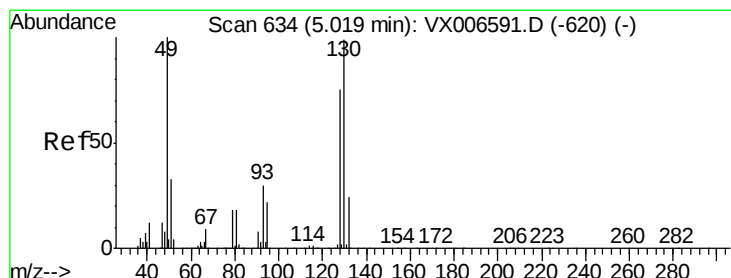
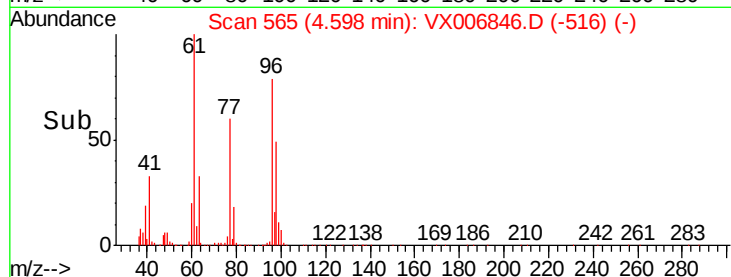
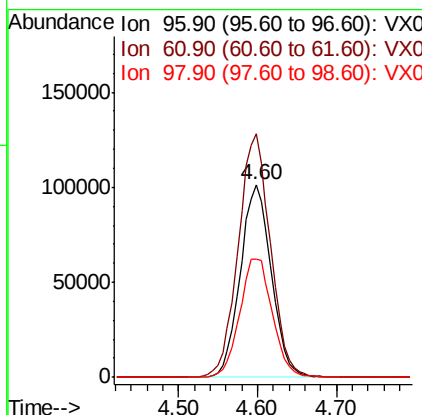
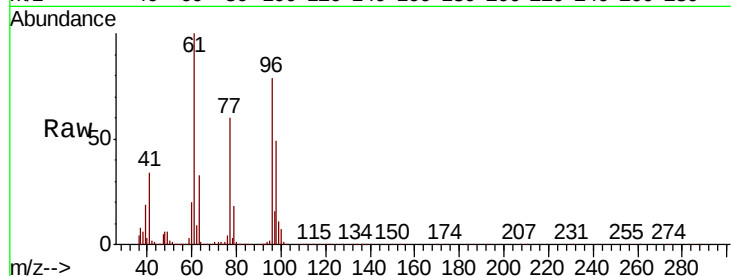
cis-1,2-Dichloroethene  
Concen: 45.397 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.3 | 0.0   | 258.6 |
| 98      | 64.5  | 0.0   | 132.0 |

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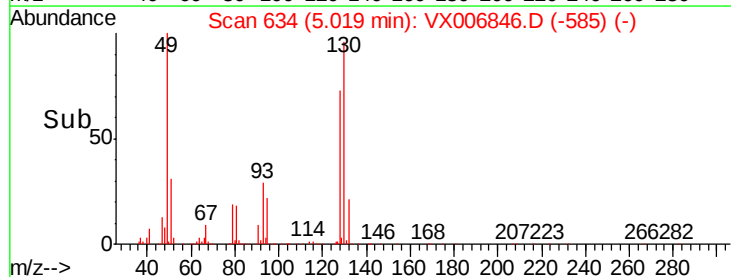
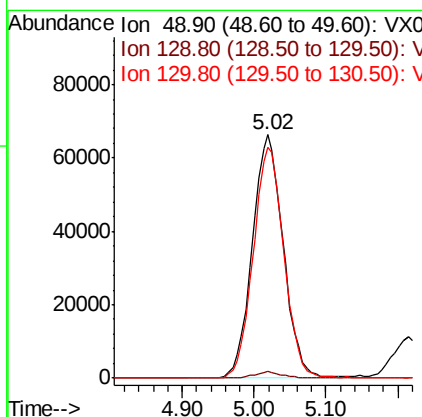
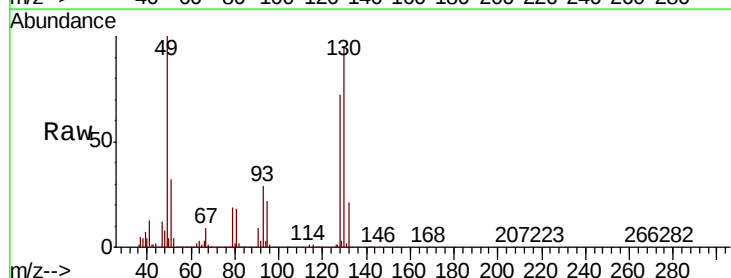
MMDadoda  
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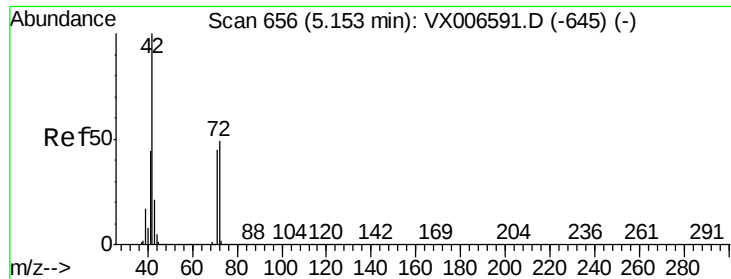


#28

Bromochloromethane  
Concen: 50.929 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 5.4   |
| 130     | 93.9  | 77.7  | 116.5 |





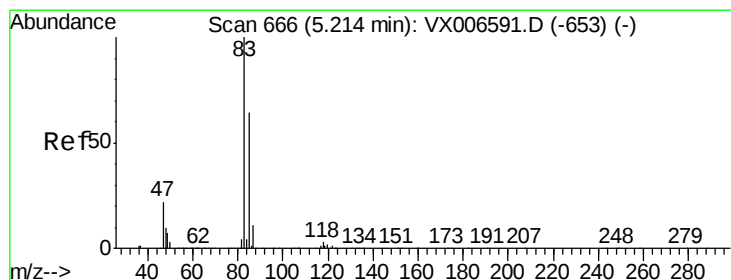
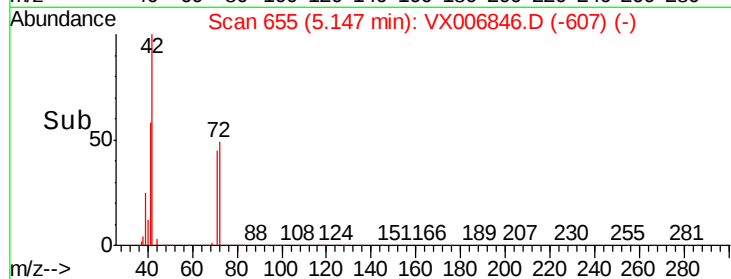
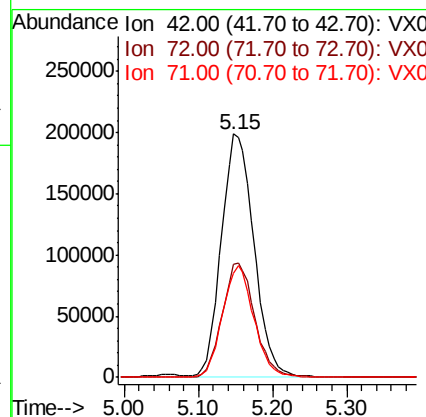
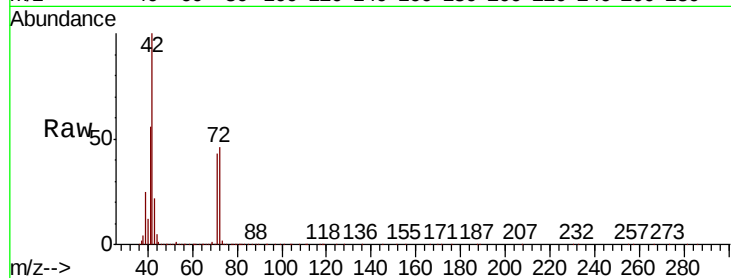
#29  
Tetrahydrofuran  
Concen: 234.383 ug/l  
RT: 5.15 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.2  | 38.9  | 58.3  |
| 71      | 44.6  | 36.2  | 54.4  |

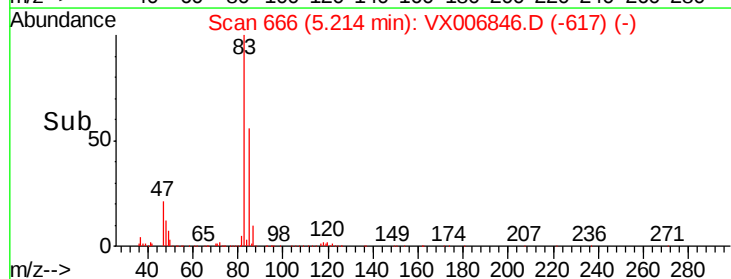
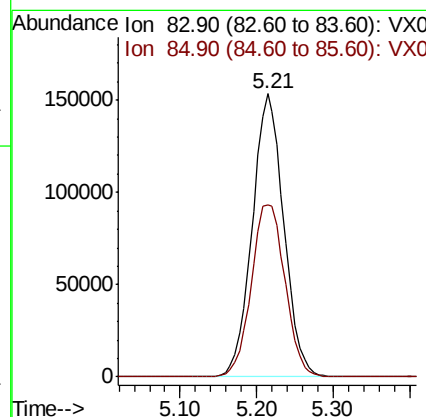
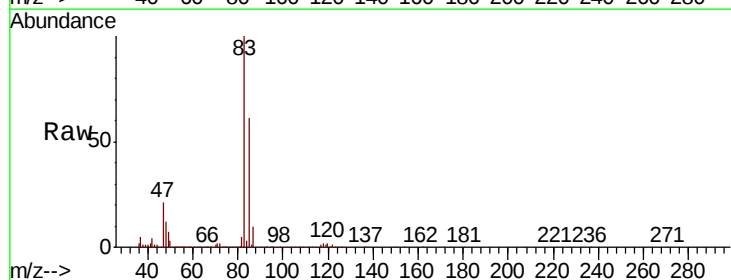
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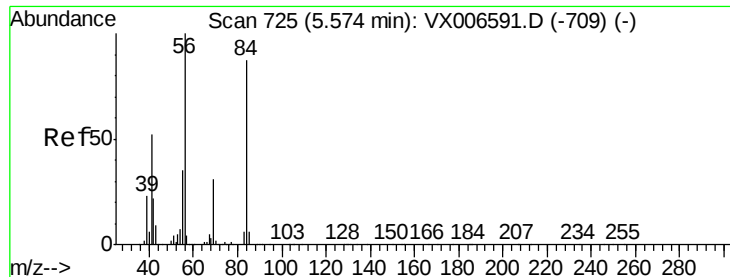
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#30  
Chloroform  
Concen: 46.161 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.5  | 51.2  | 76.8  |





#31

Cyclohexane

Concen: 39.744 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

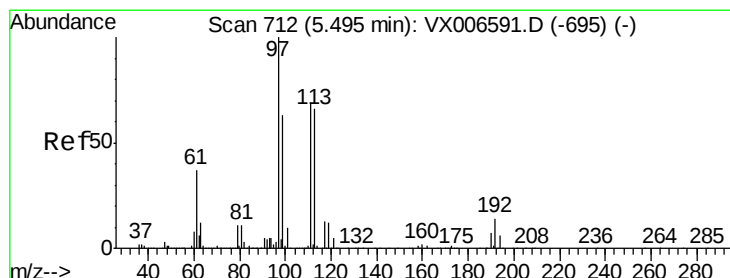
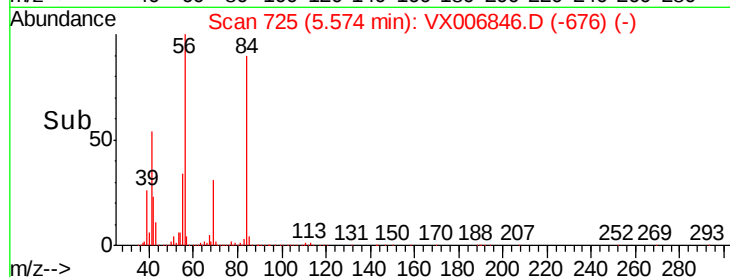
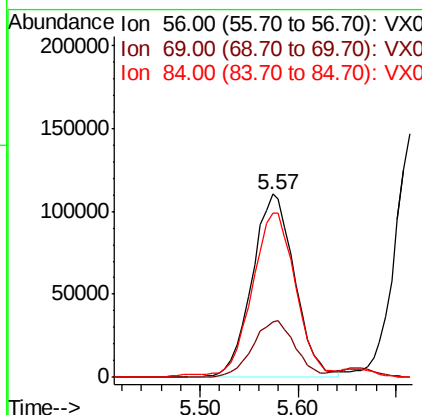
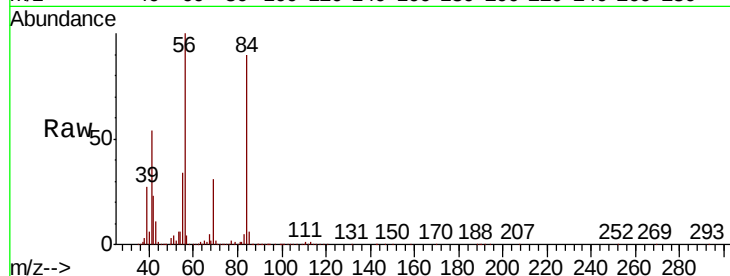
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 332032 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.7  | 24.4  | 36.6   |
| 84       | 88.3  | 70.0  | 105.0  |

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#32

1,1,1-Trichloroethane

Concen: 46.732 ug/l

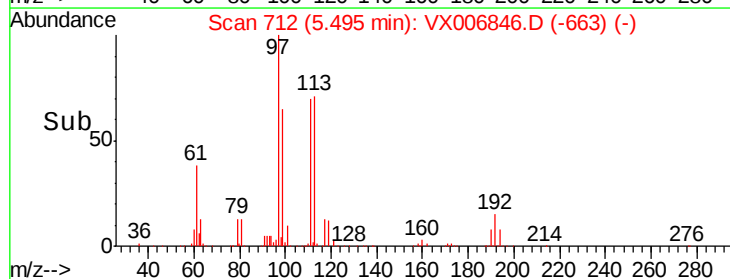
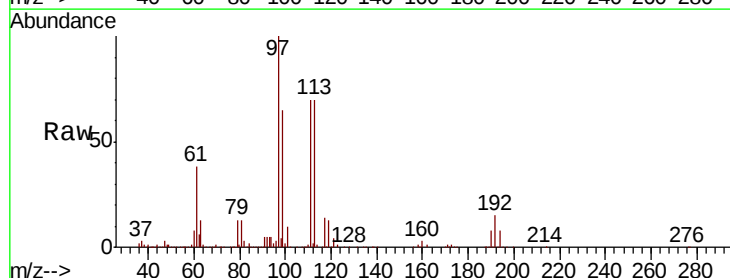
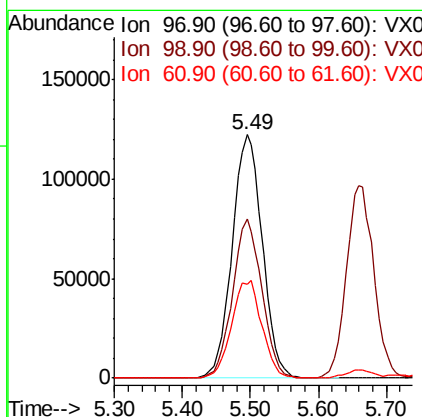
RT: 5.49 min Scan# 712

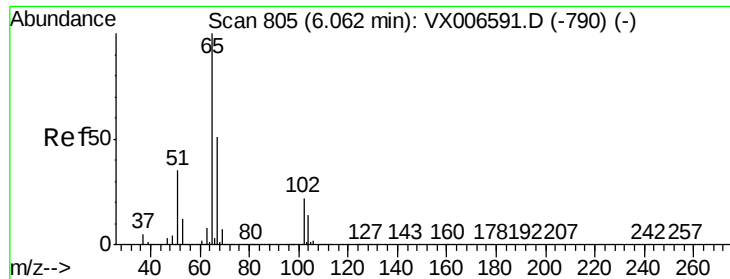
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 375768 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.4  | 51.7  | 77.5   |
| 61       | 40.5  | 31.3  | 46.9   |





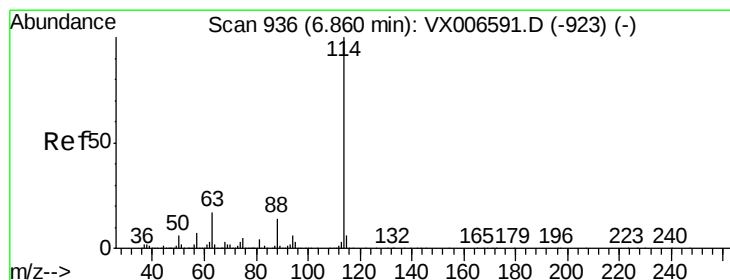
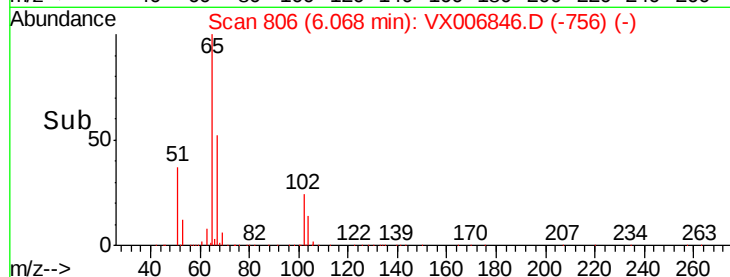
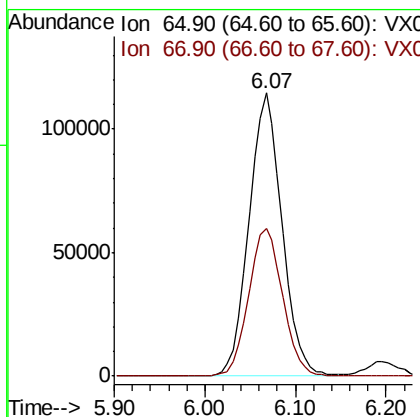
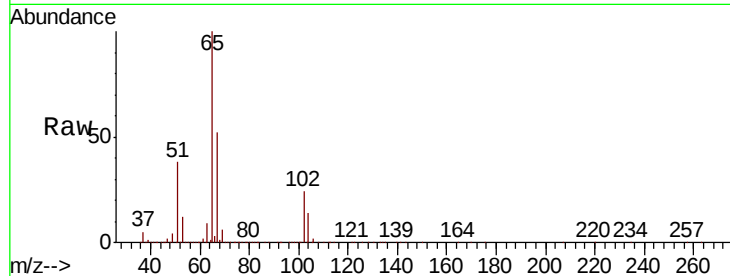
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.675 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 287685 |       |       |
| 67      | 54.0  | 0.0    | 105.0 |       |

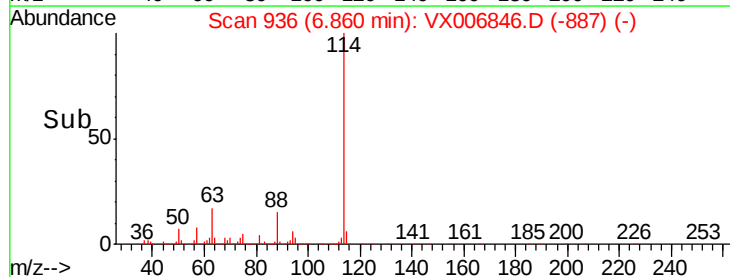
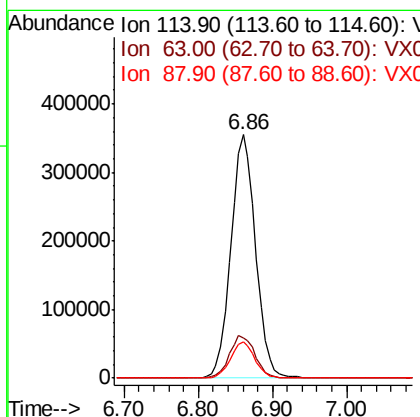
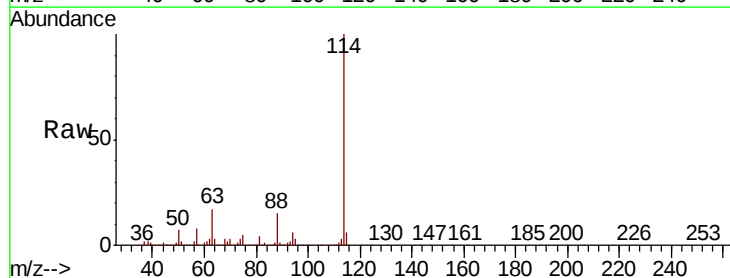
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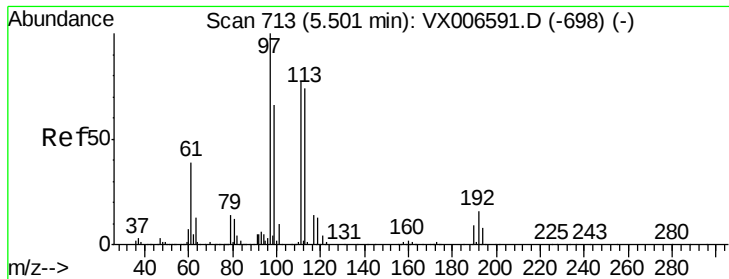
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 824913 |       |       |
| 63      | 16.6  | 0.0    | 34.8  |       |
| 88      | 14.6  | 0.0    | 28.8  |       |





#35

Dibromofluoromethane

Concen: 50.707 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

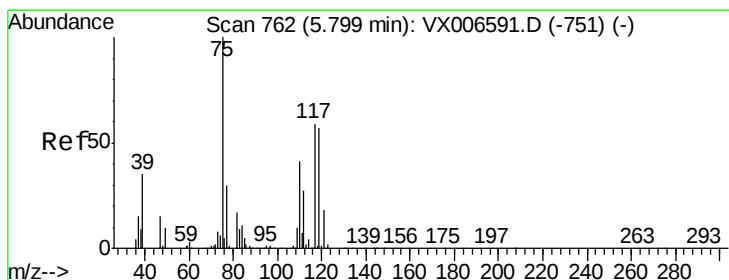
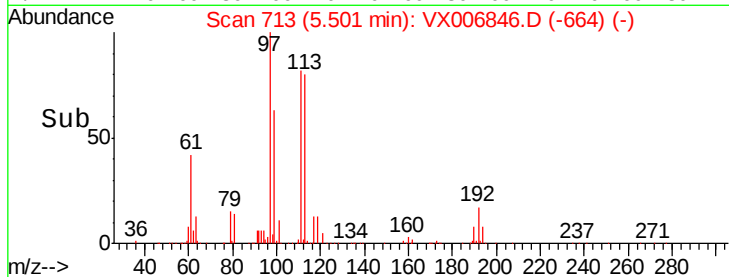
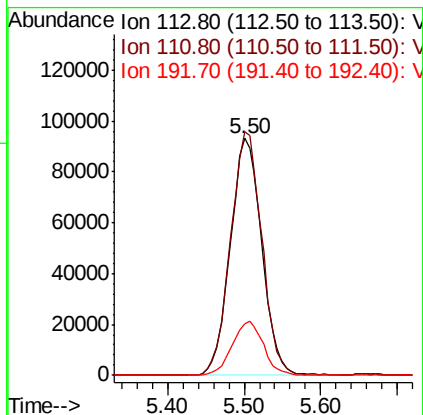
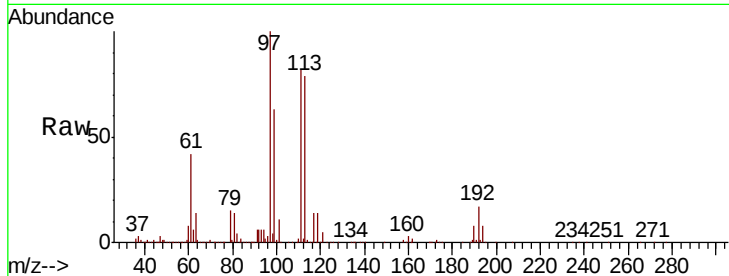
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 264520 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.3 | 81.6  | 122.4  |
| 192       | 22.8  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 44.952 ug/l

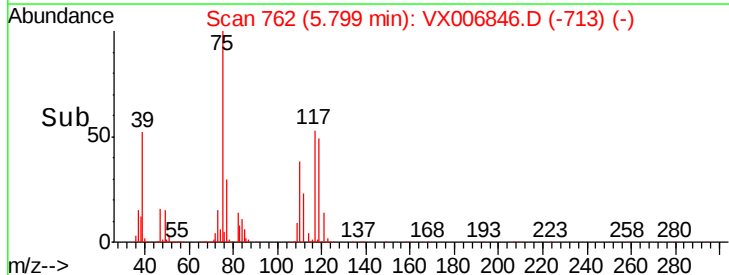
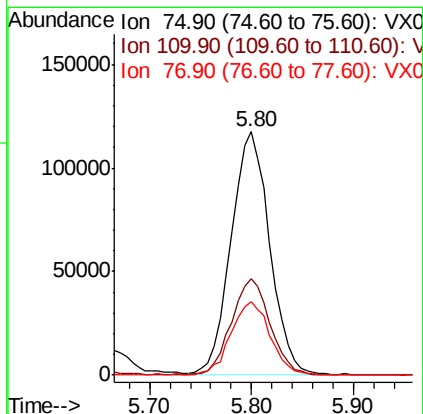
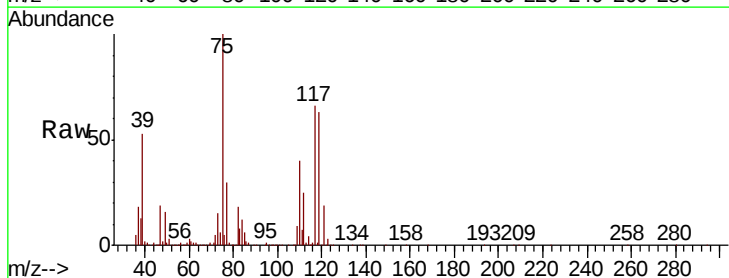
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 307118 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.0  | 20.2  | 60.5   |
| 77        | 30.4  | 24.8  | 37.2   |





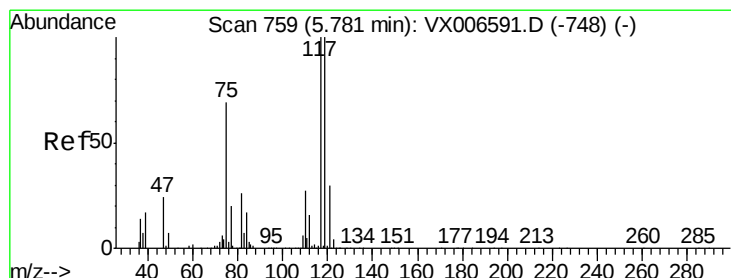
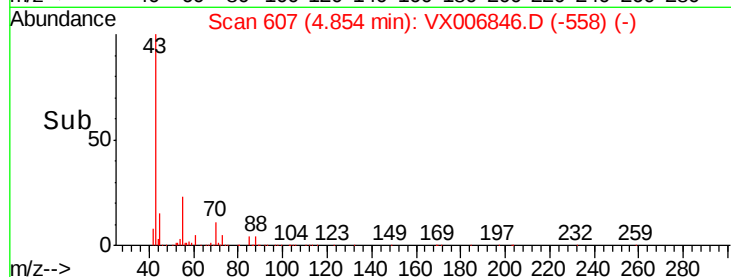
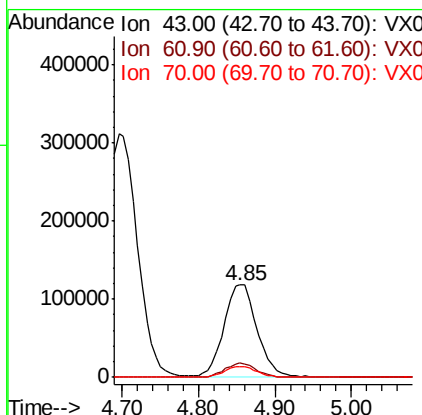
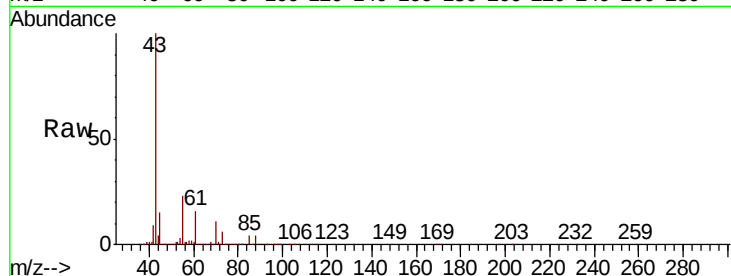
#37  
Ethyl Acetate  
Concen: 49.784 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.9  | 17.9  |
| 70      | 11.4  | 9.7   | 14.5  |

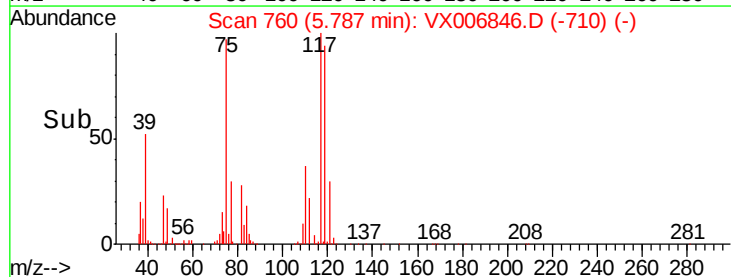
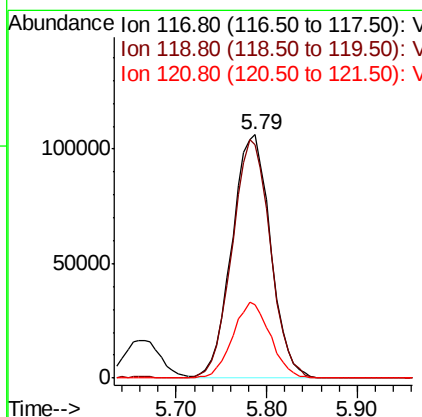
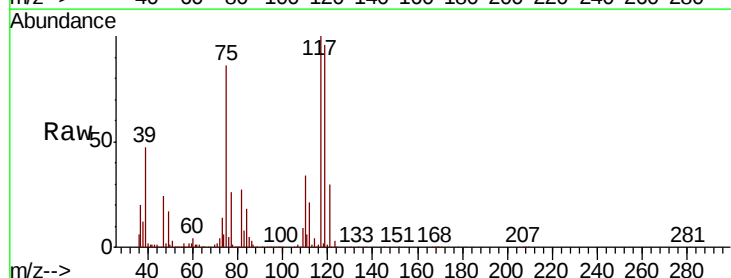
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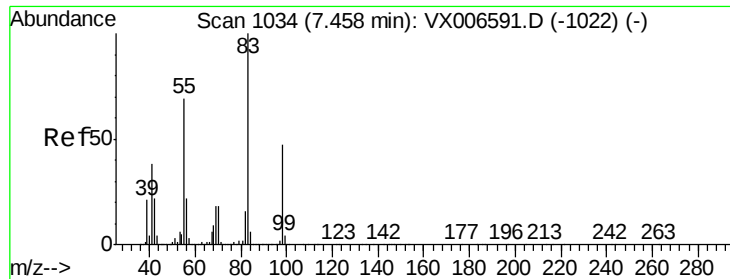
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 47.153 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 79.4  | 119.2 |
| 121     | 30.4  | 24.0  | 36.0  |





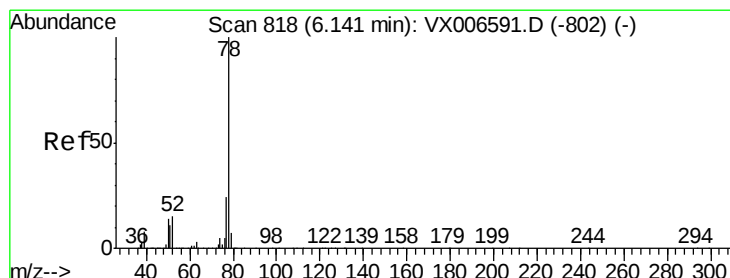
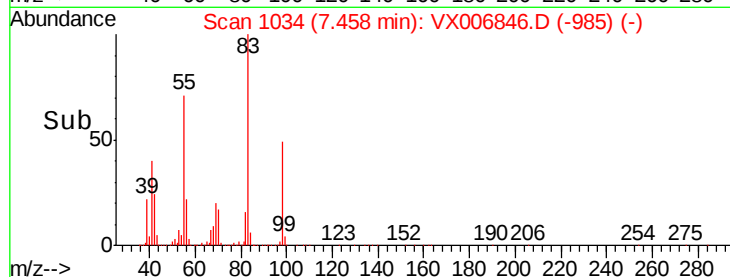
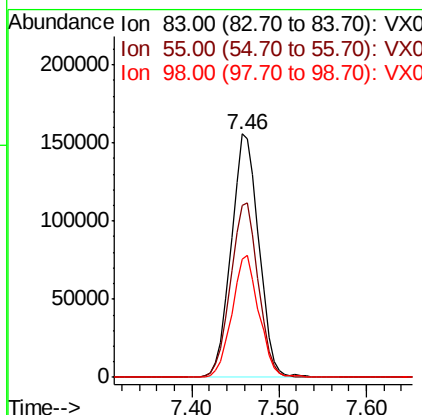
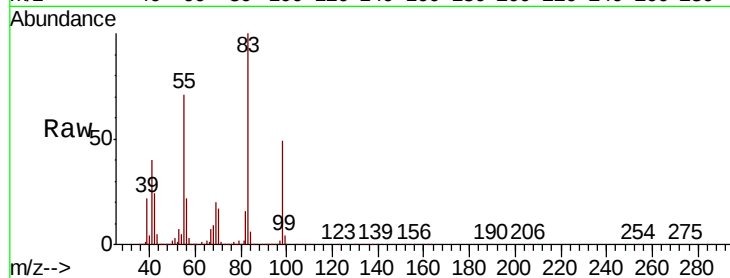
#39  
Methvlcvclohexane  
Concen: 38.142 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.6  | 54.9  | 82.3  |
| 98      | 48.8  | 37.9  | 56.9  |

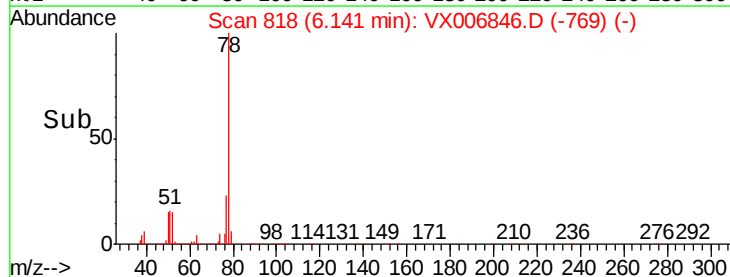
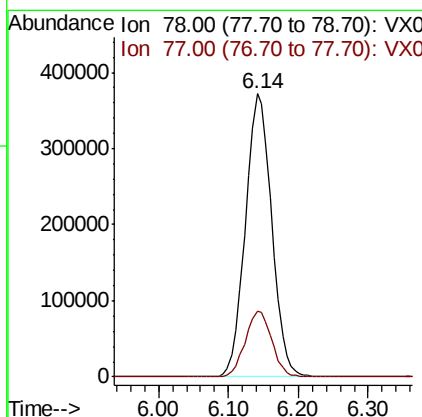
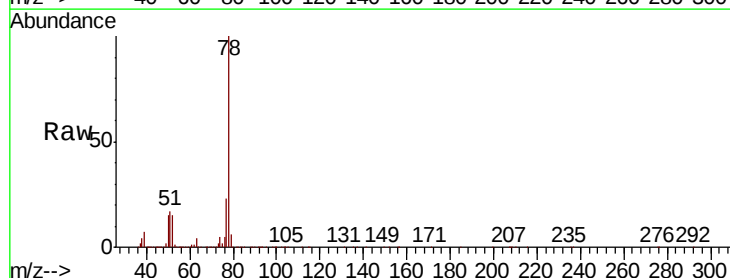
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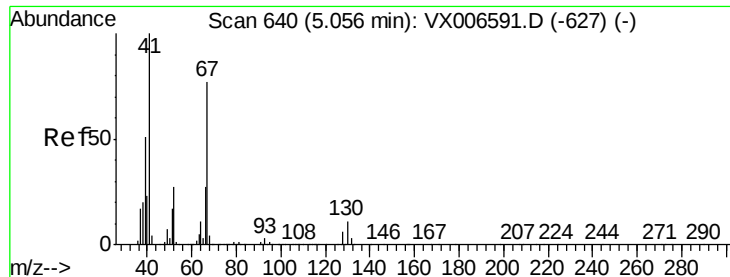
MMDadoda  
12/28/2018 10:28:20 AM



#40  
Benzene  
Concen: 46.639 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 52.729 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

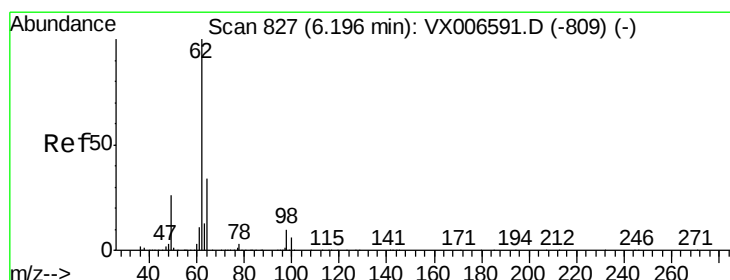
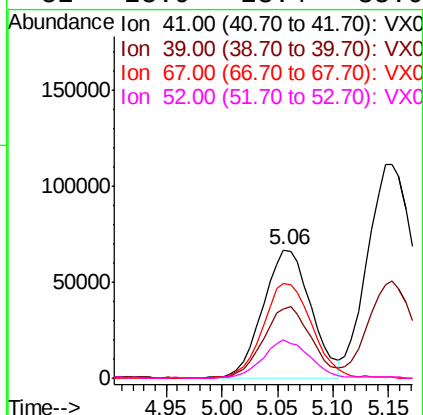
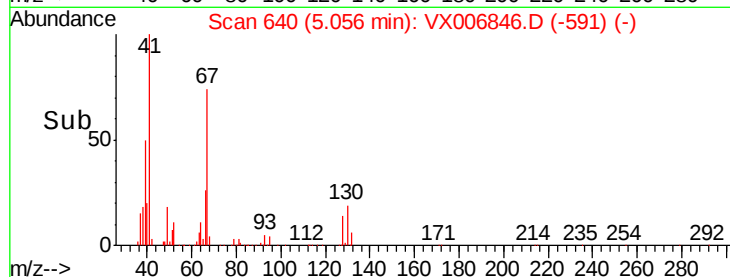
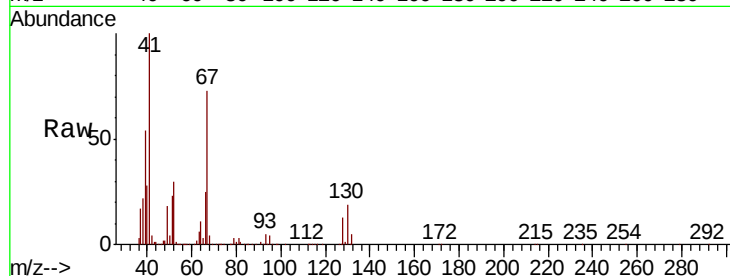
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.9 | 42.8  | 64.2  |       |
| 67      | 76.2 | 62.1  | 93.1  |       |
| 52      | 28.9 | 23.4  | 35.0  |       |

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#42

1,2-Dichloroethane

Concen: 46.473 ug/l

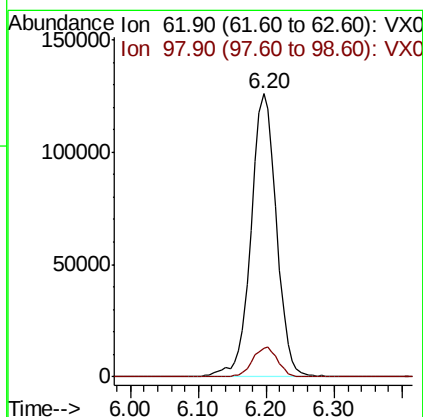
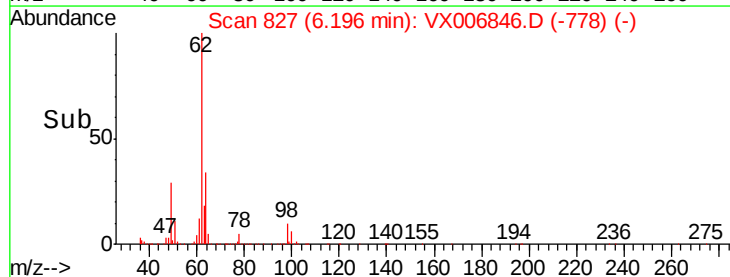
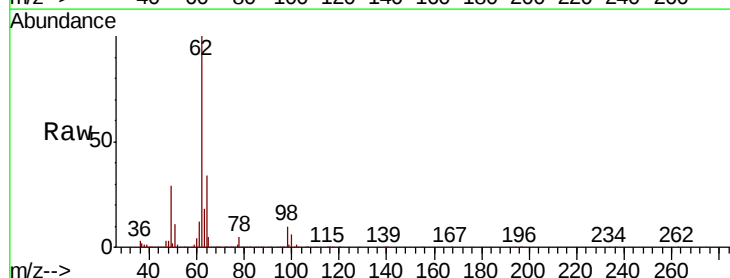
RT: 6.20 min Scan# 827

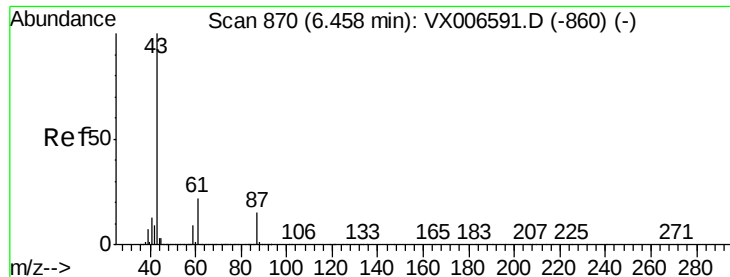
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.5 | 0.0   | 20.2  |       |





#43

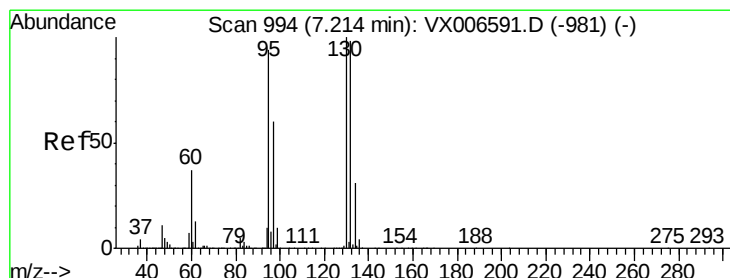
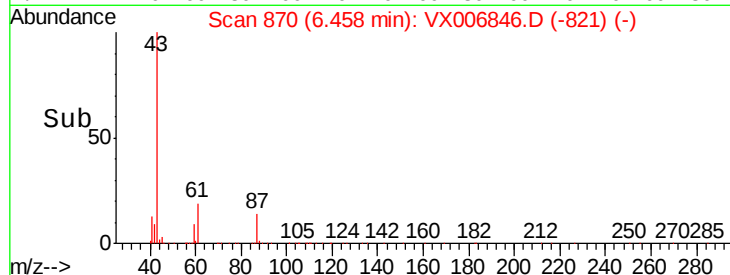
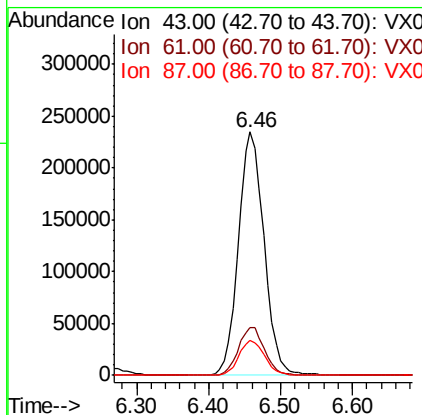
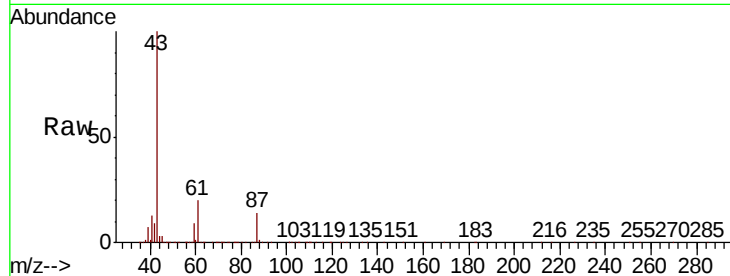
Isopropyl Acetate  
 Concen: 53.606 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.0  | 16.8  | 25.2  |
| 87      | 14.4  | 12.4  | 18.6  |

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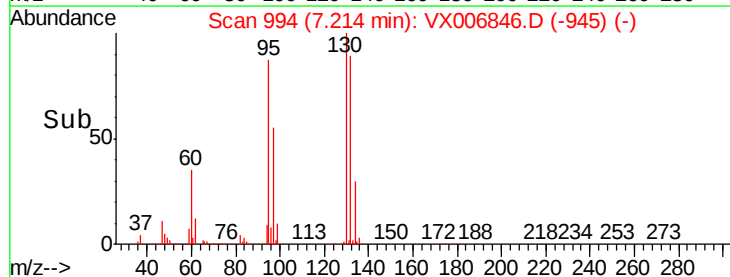
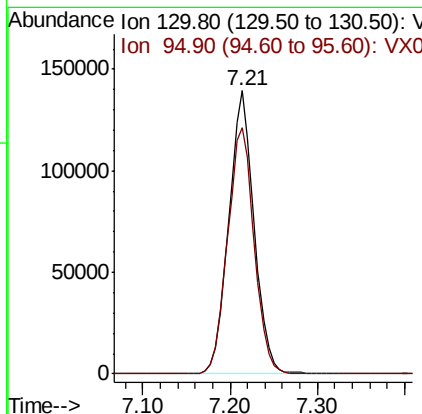
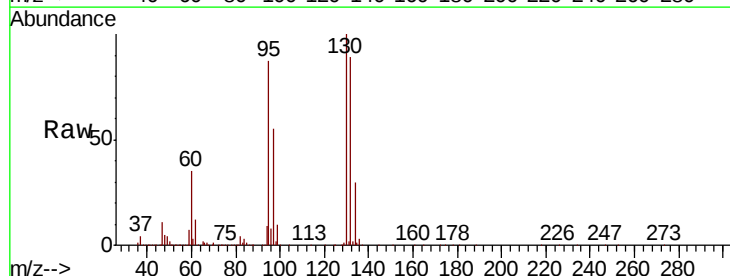
MMDadoda  
 12/28/2018 10:28:20 AM



#44

Trichloroethene  
 Concen: 44.652 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 86.8  | 0.0   | 187.0 |





#45

1,2-Dichloropropane

Concen: 49.810 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 251730

Ion Ratio Lower Upper

63 100

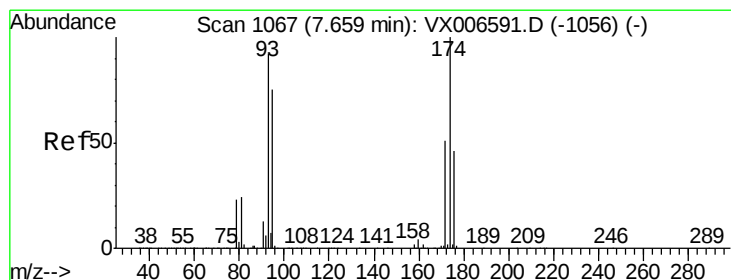
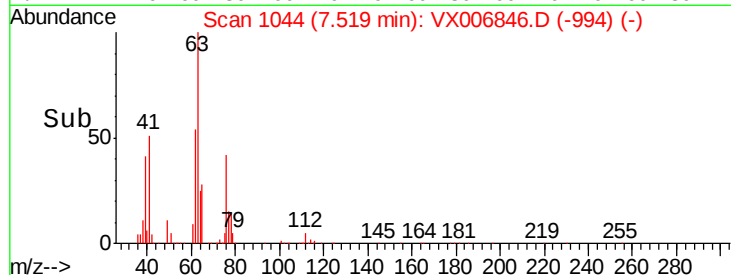
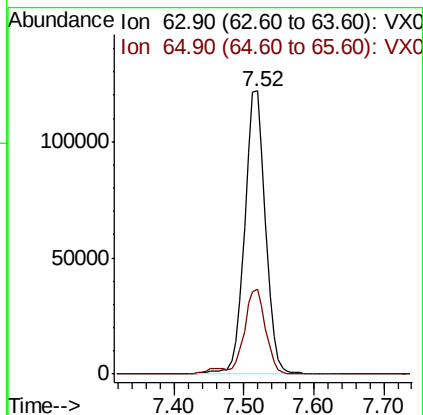
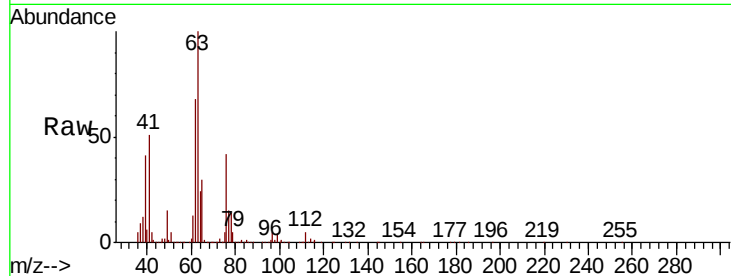
65 29.9 25.4 38.0

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#46

Dibromomethane

Concen: 47.622 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

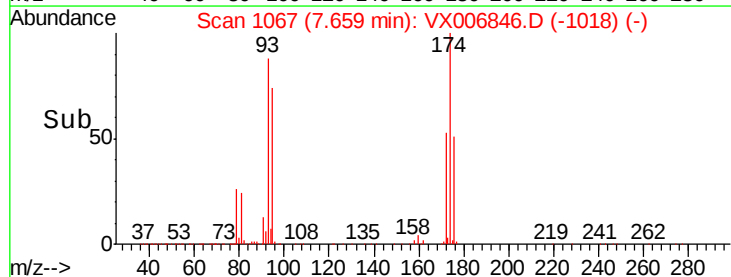
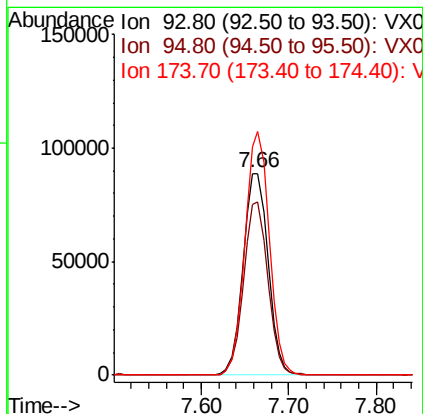
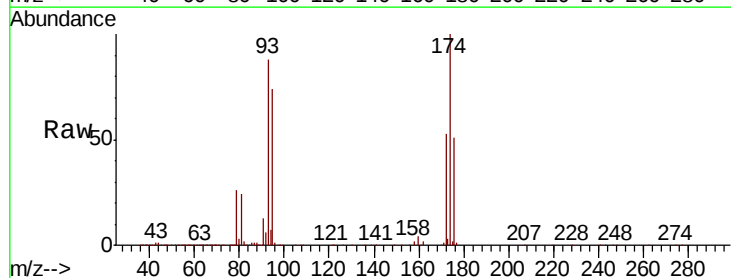
Tgt Ion: 93 Resp: 177025

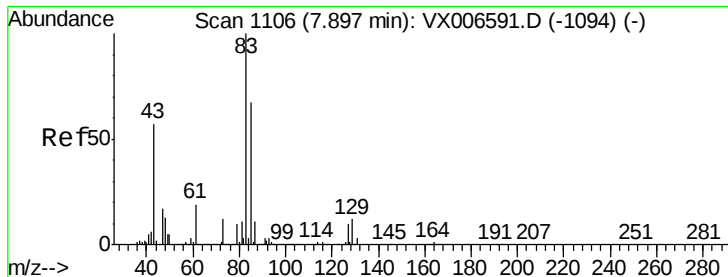
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 116.8 91.0 136.4





#47

Bromodichloromethane

Concen: 49.995 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

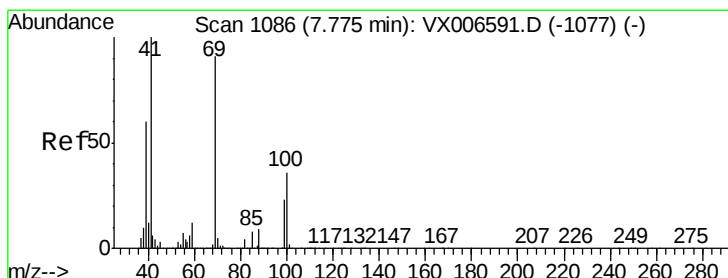
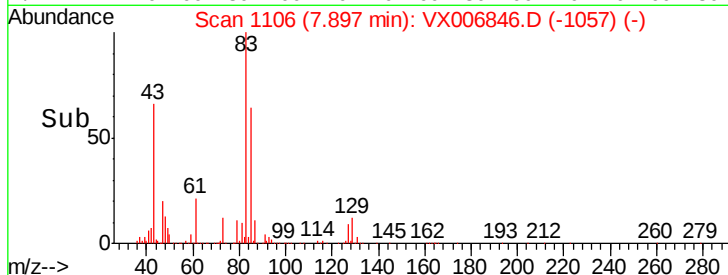
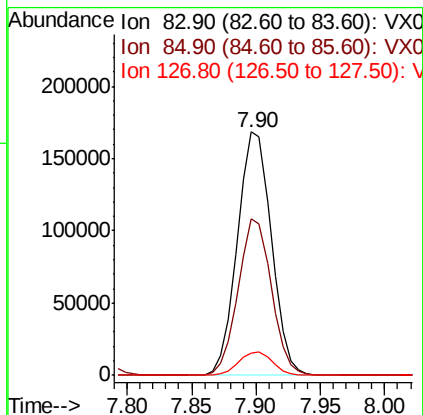
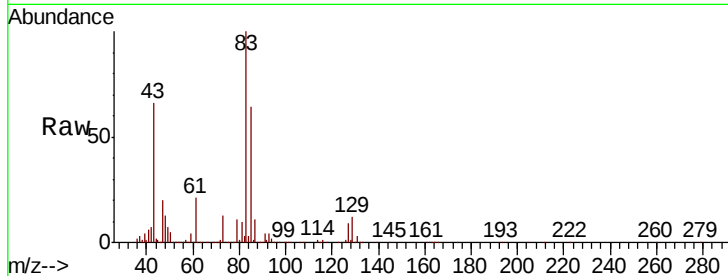
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 308547 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.1  | 53.2  | 79.8   |
| 127       | 9.3   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 53.729 ug/l

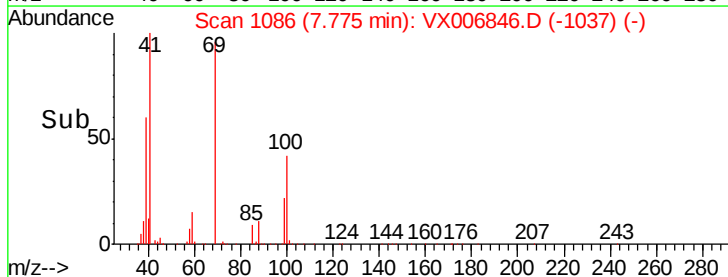
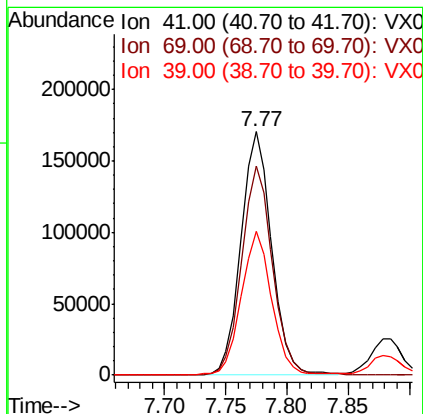
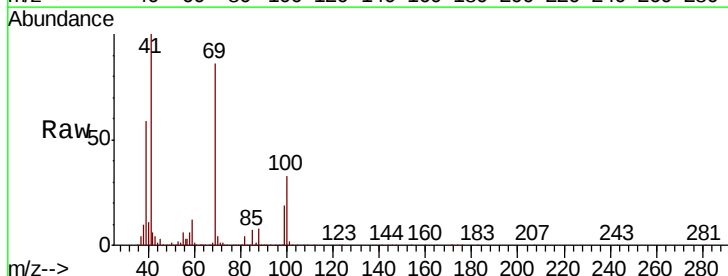
RT: 7.77 min Scan# 1086

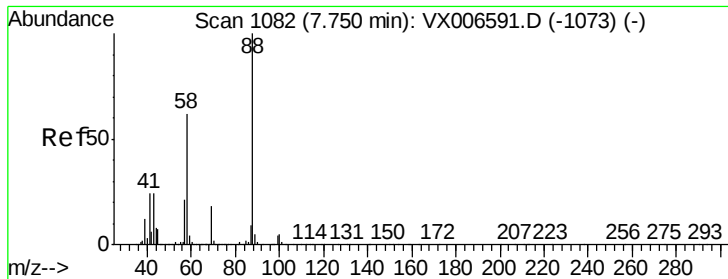
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 295625 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 87.0  | 72.4  | 108.6  |
| 39        | 58.3  | 45.8  | 68.8   |





#49

1,4-Dioxane

Concen: 805.176 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

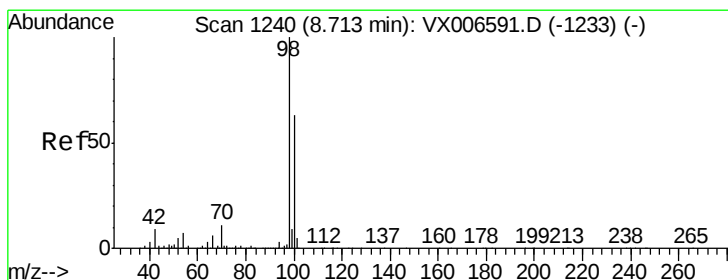
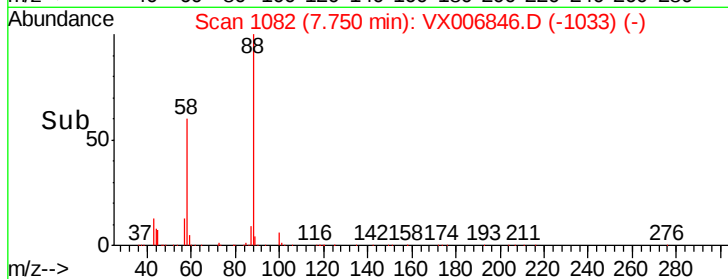
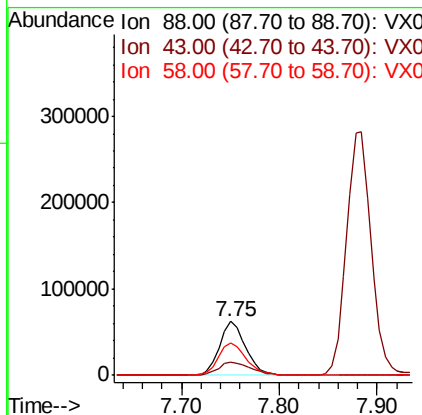
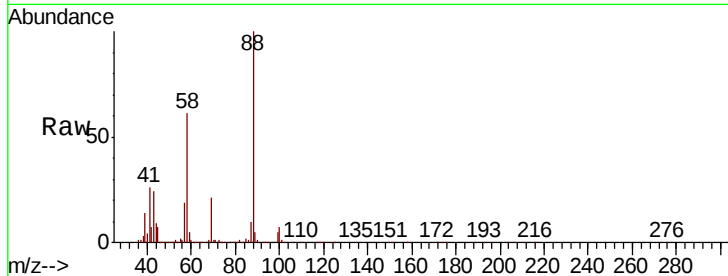
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 88    | Resp: | 116472 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 43        | 29.8  | 22.2  | 33.4   |
| 58        | 64.5  | 51.0  | 76.4   |

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#50

Toluene-d8

Concen: 48.750 ug/l

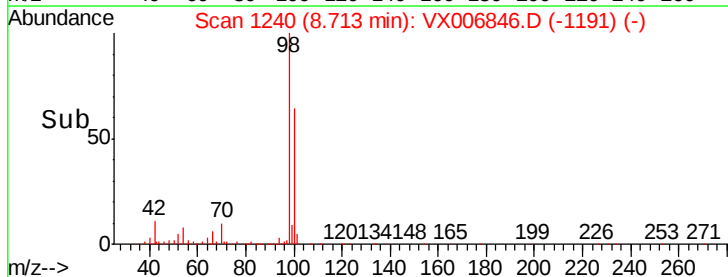
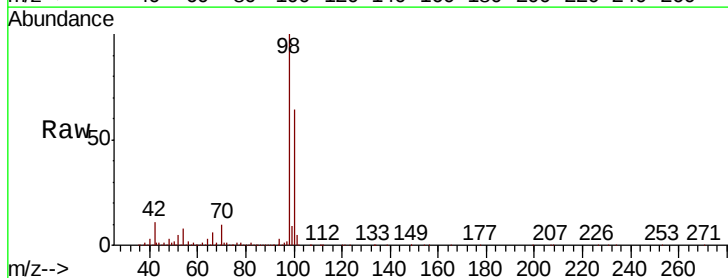
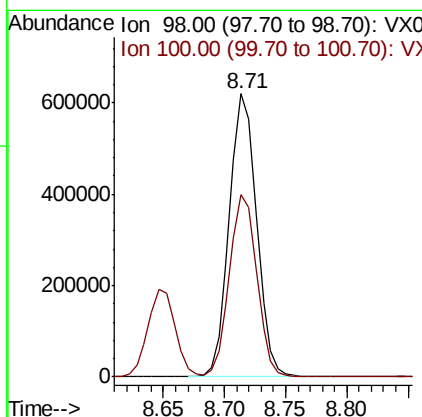
RT: 8.71 min Scan# 1240

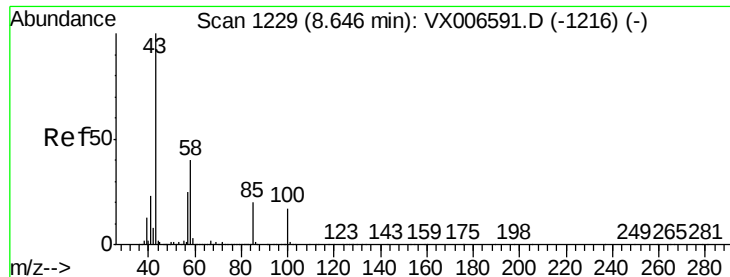
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 958752 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 64.8  | 52.0  | 78.0   |





#51

4-Methyl-2-Pentanone

Concen: 266.606 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1835396

Ion Ratio Lower Upper

43 100

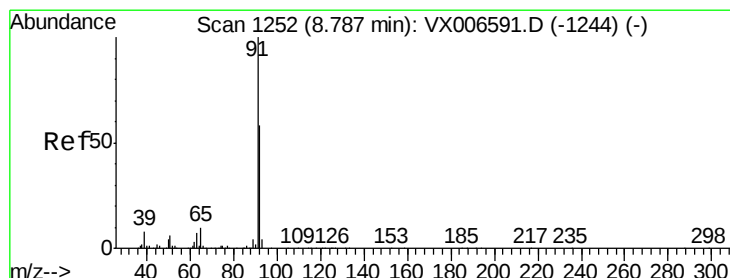
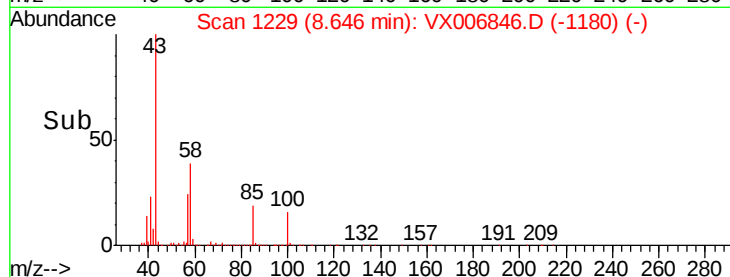
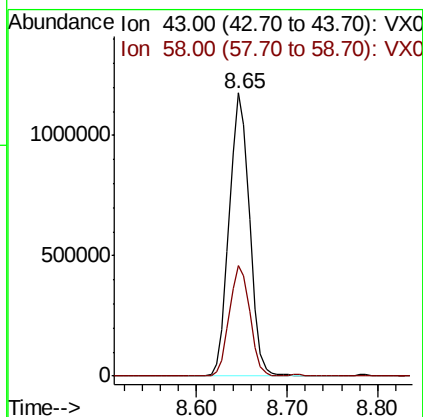
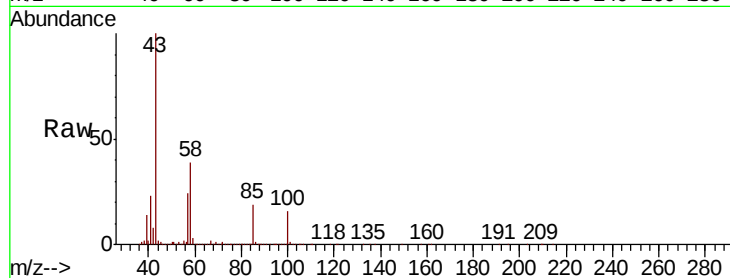
58 39.2 31.8 47.6

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#52

Toluene

Concen: 46.614 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006846.D

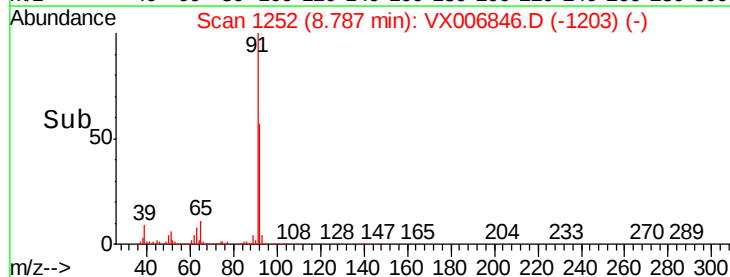
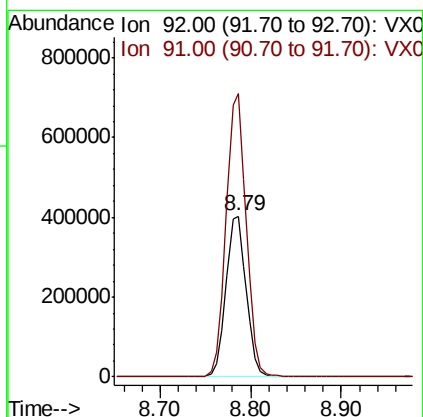
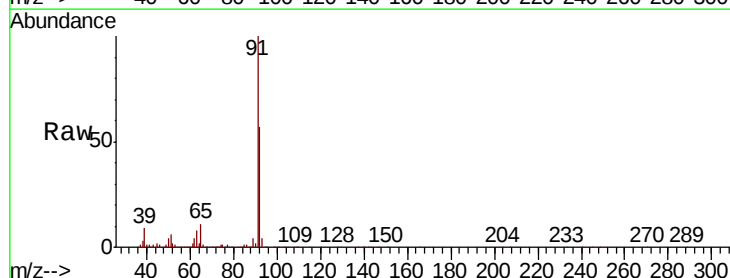
Acq: 27 Dec 2018 16:55

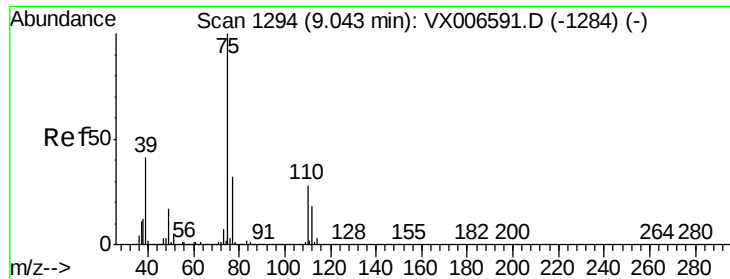
Tgt Ion: 92 Resp: 625410

Ion Ratio Lower Upper

92 100

91 174.8 137.6 206.4





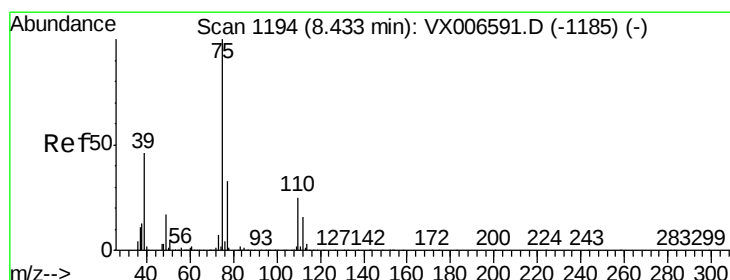
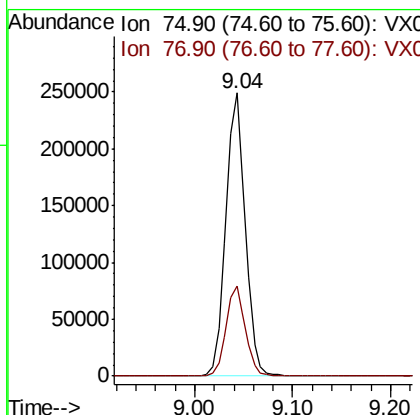
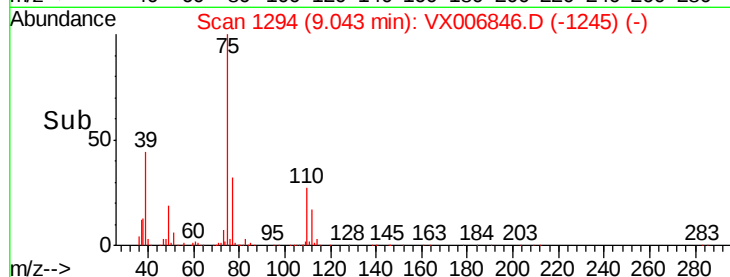
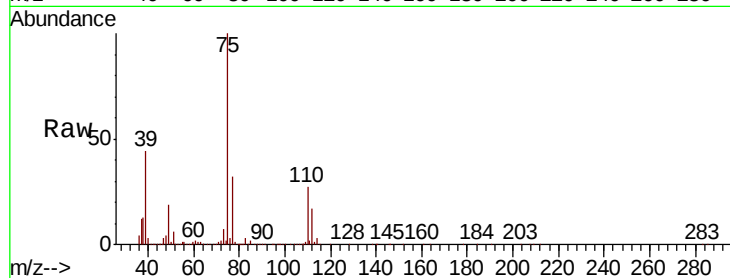
#53  
t-1,3-Dichloropropene  
Concen: 51.787 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 342779  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.0

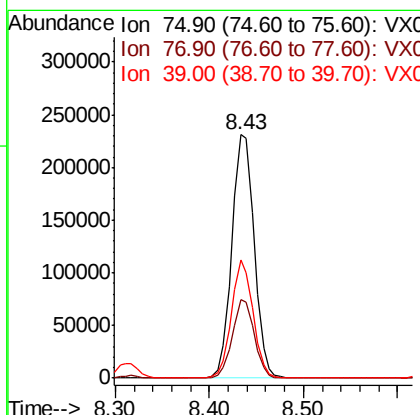
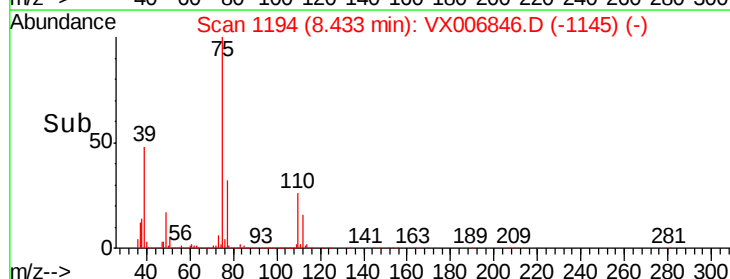
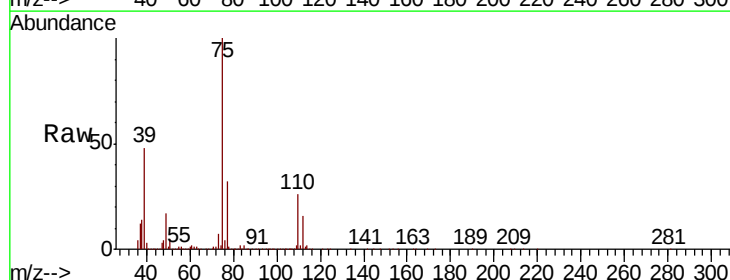
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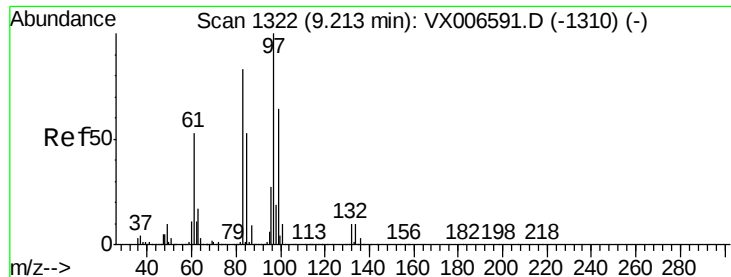
MMDadoda  
12/28/2018 10:28:20 AM



#54  
cis-1,3-Dichloropropene  
Concen: 52.268 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Tgt Ion: 75 Resp: 379603  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.2  
39 48.3 36.7 55.1





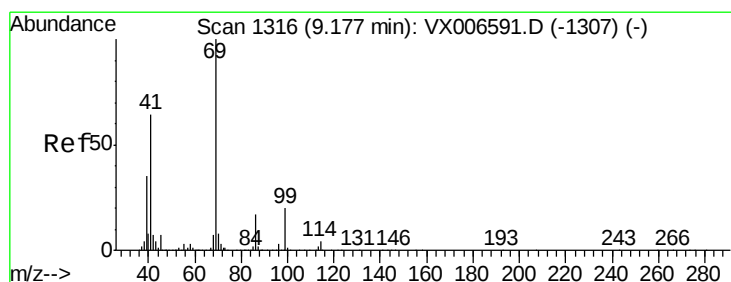
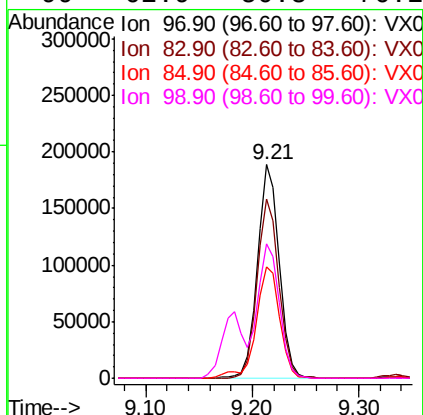
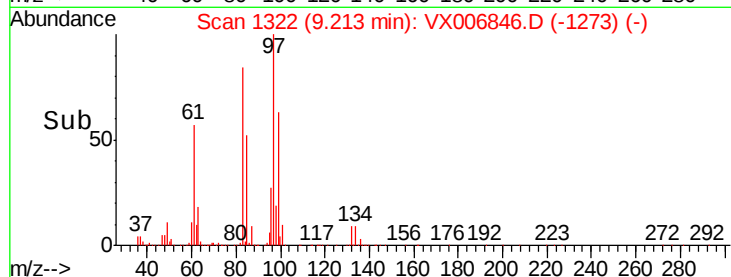
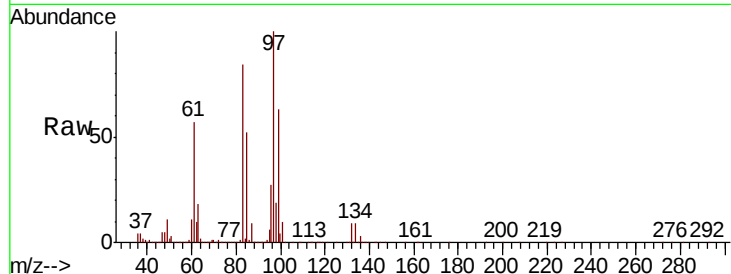
#55  
 1,1,2-Trichloroethane  
 Concen: 49.287 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 270671 |       |       |
| 83      | 83.8 | 66.6  | 99.8   |       |       |
| 85      | 52.2 | 42.7  | 64.1   |       |       |
| 99      | 62.9 | 50.8  | 76.2   |       |       |

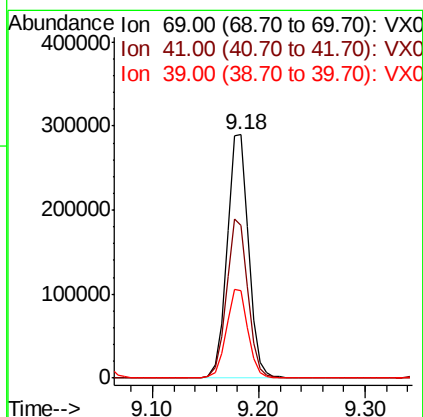
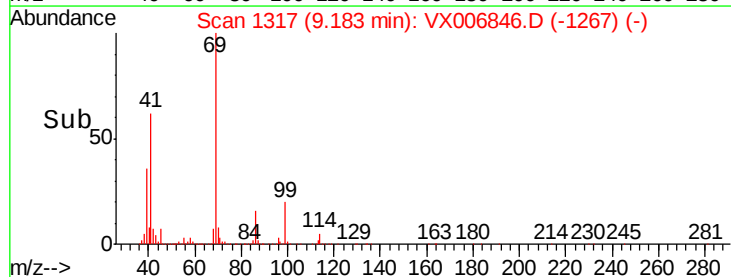
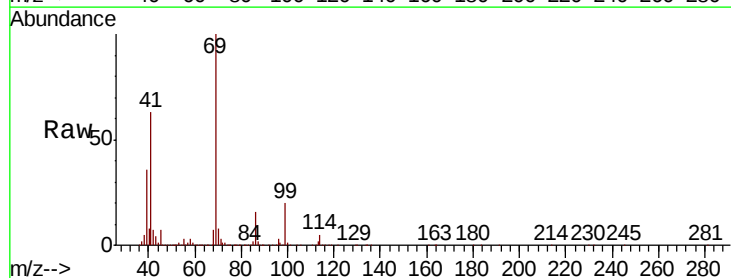
Manual Integrations  
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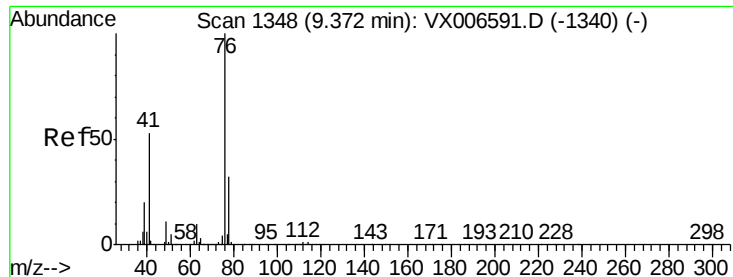
MMDadoda  
 12/28/2018 10:28:20 AM



#56  
 Ethyl methacrylate  
 Concen: 52.834 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.01 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 410085 |       |       |
| 41      | 64.3 | 48.7  | 73.1   |       |       |
| 39      | 36.7 | 27.0  | 40.6   |       |       |





#57

1,3-Dichloropropane

Concen: 48.675 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 430066

Ion Ratio Lower Upper

76 100

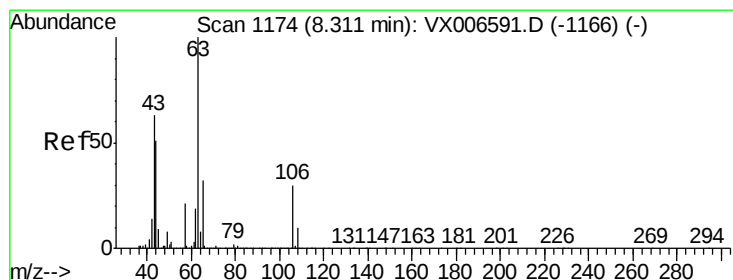
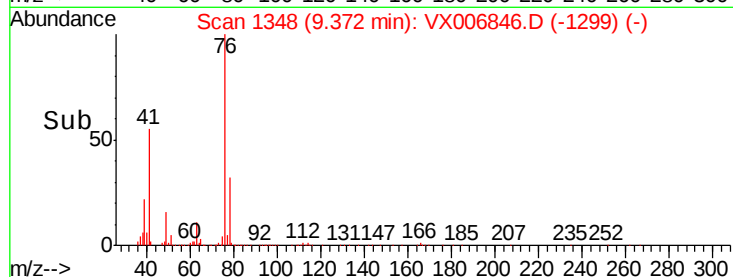
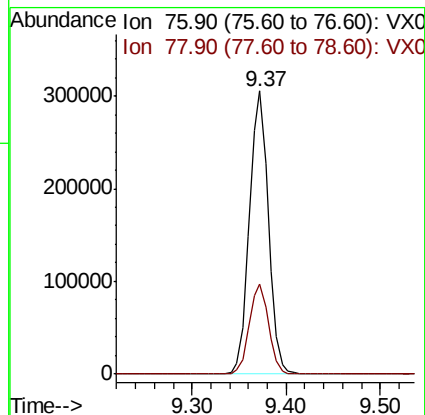
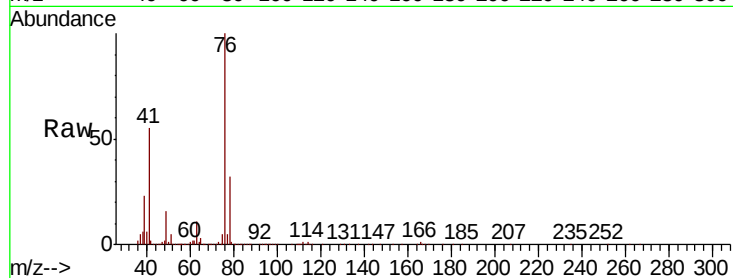
78 32.1 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 265.013 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006846.D

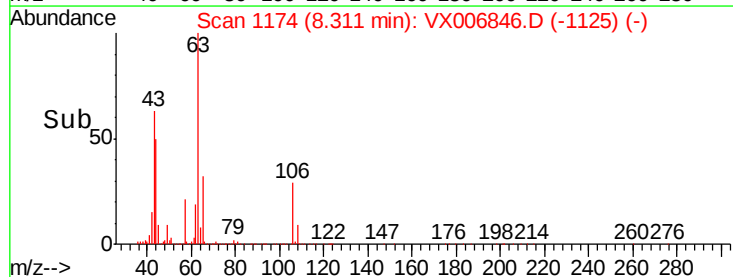
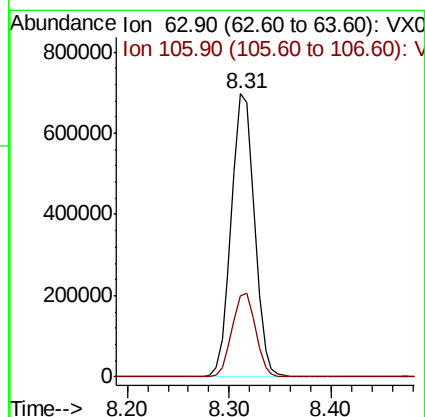
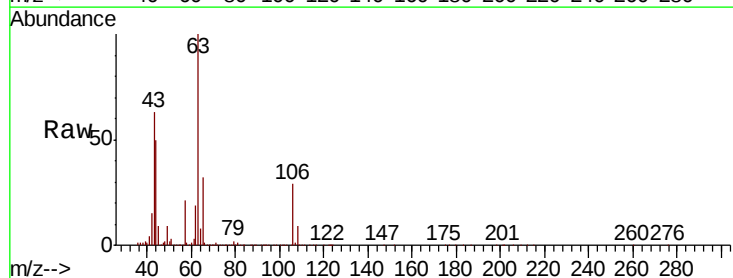
Acq: 27 Dec 2018 16:55

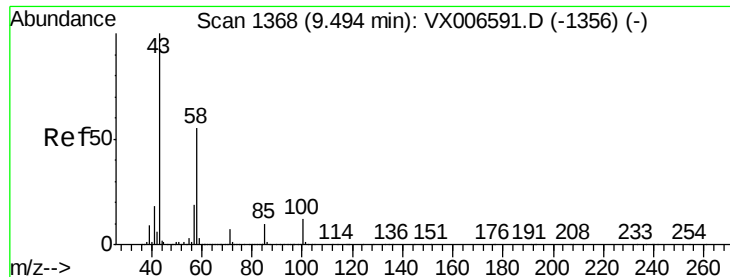
Tgt Ion: 63 Resp: 1093423

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8





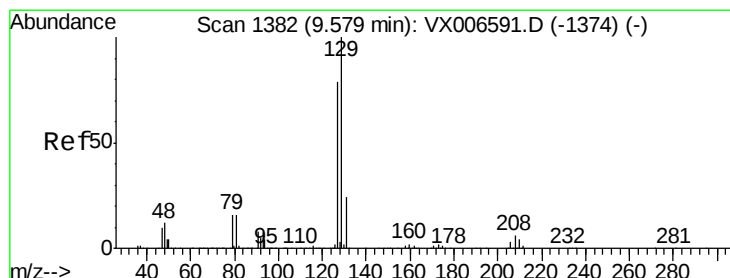
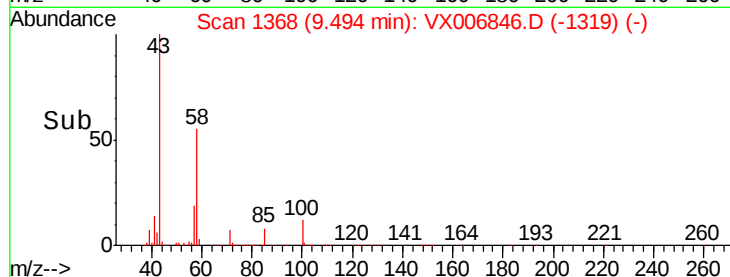
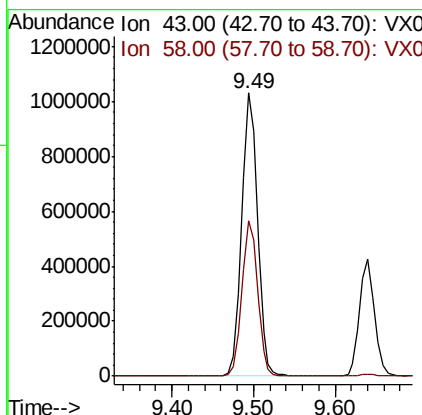
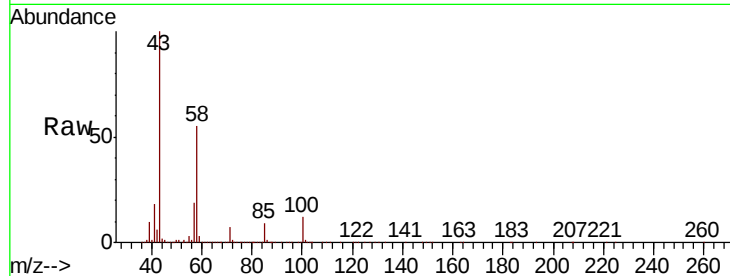
#59  
2-Hexanone  
Concen: 259.933 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1369150  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.7 83.1

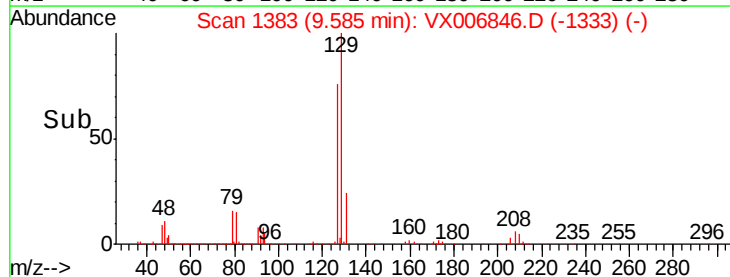
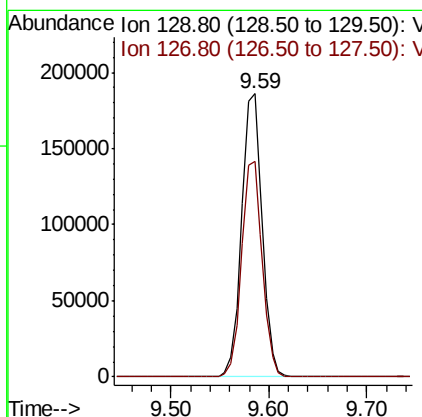
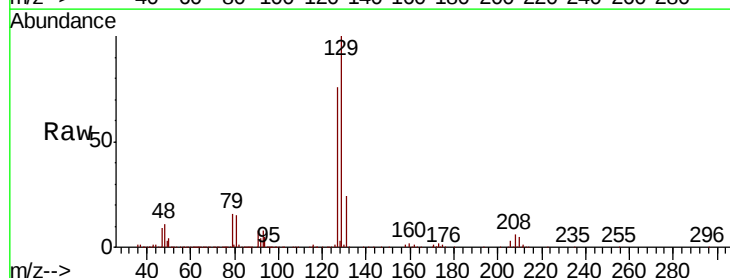
Manual Integrations  
APPROVED

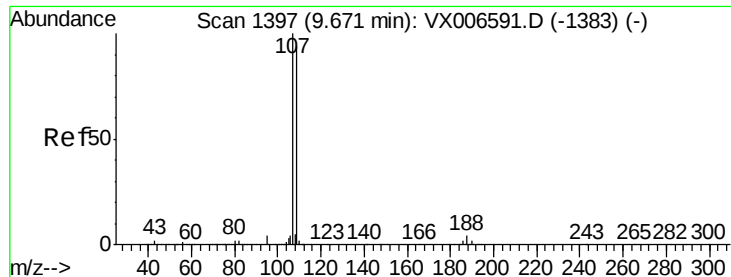
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 47.393 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Tgt Ion: 129 Resp: 271482  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 48.889 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 285406

Ion Ratio Lower Upper

107 100

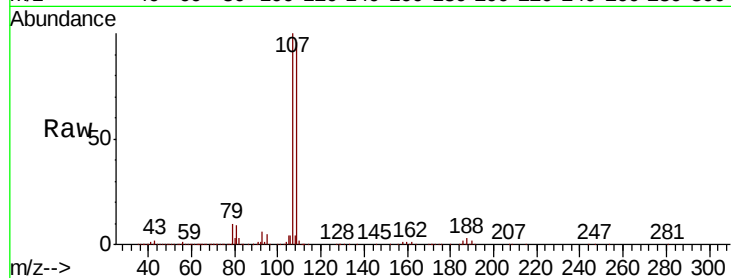
109 96.0 75.8 113.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

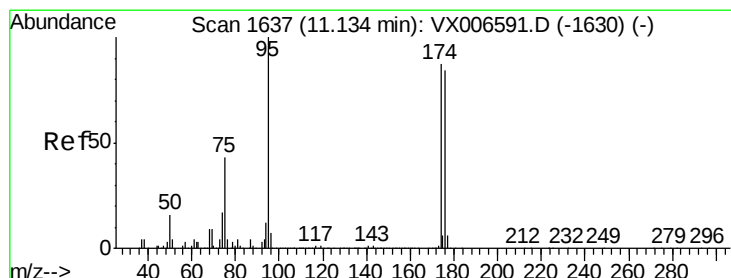
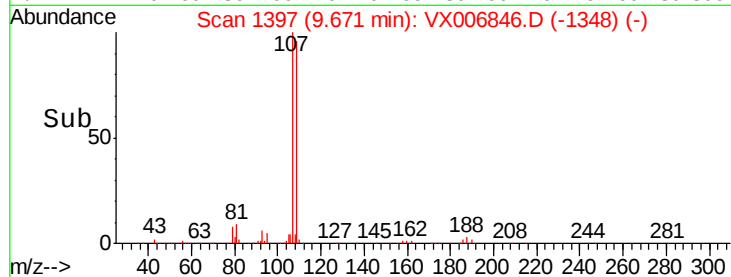
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.449 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

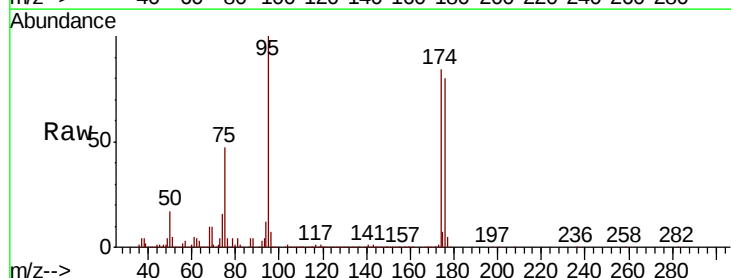
Tgt Ion: 95 Resp: 356168

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

176 91.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

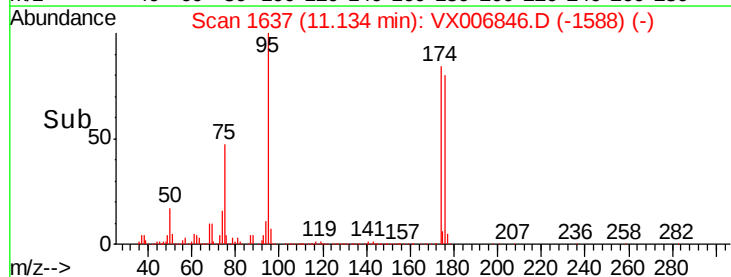
300000

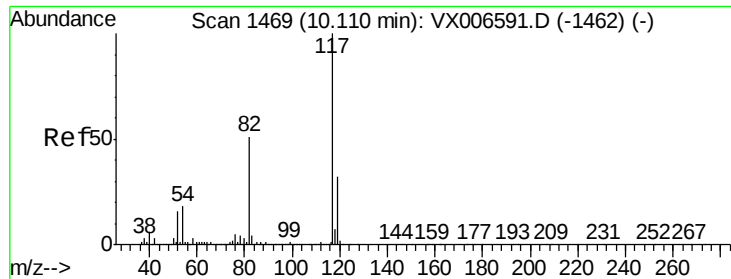
200000

100000

0

Time-->





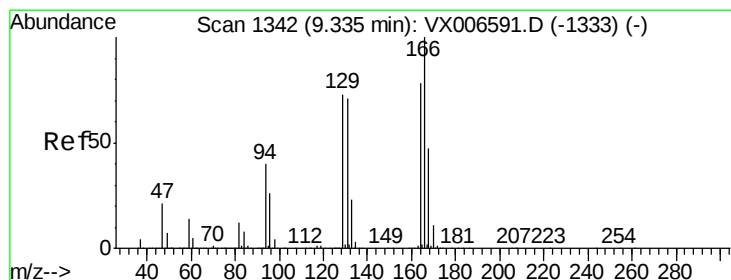
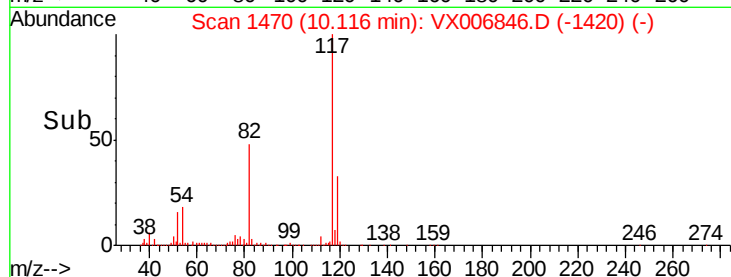
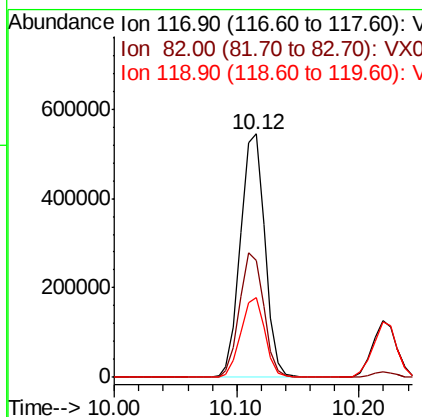
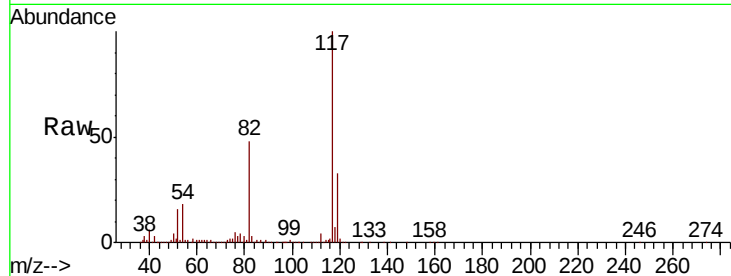
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 47.9  | 41.0  | 61.6  |
| 119     | 33.0  | 25.4  | 38.0  |

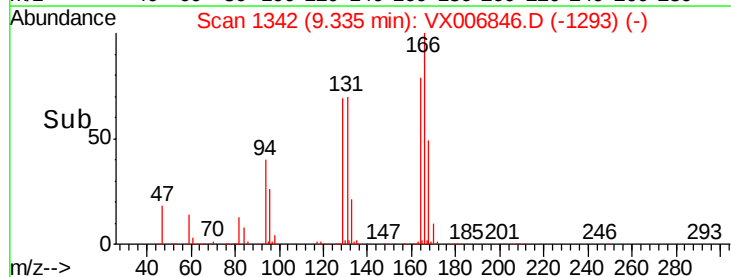
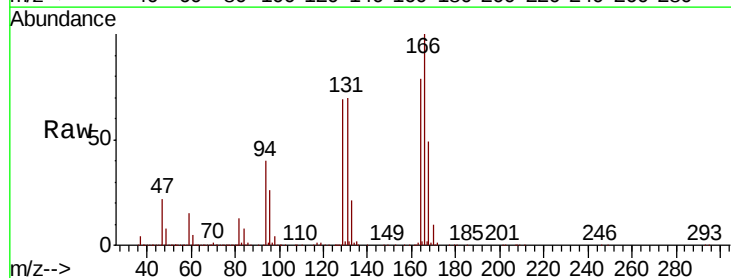
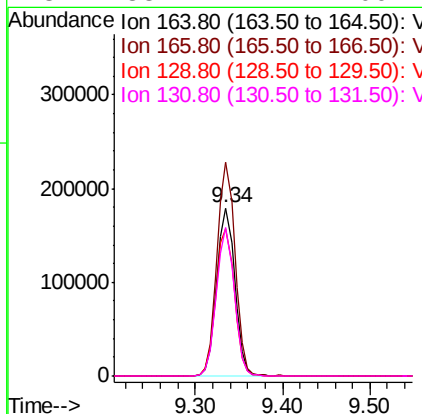
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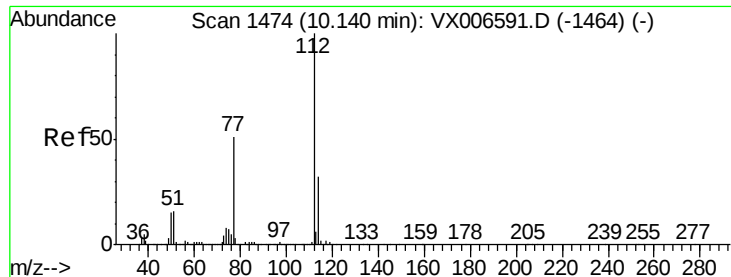
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 43.372 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.0 | 102.5 | 153.7 |
| 129     | 87.8  | 75.1  | 112.7 |
| 131     | 88.7  | 72.7  | 109.1 |





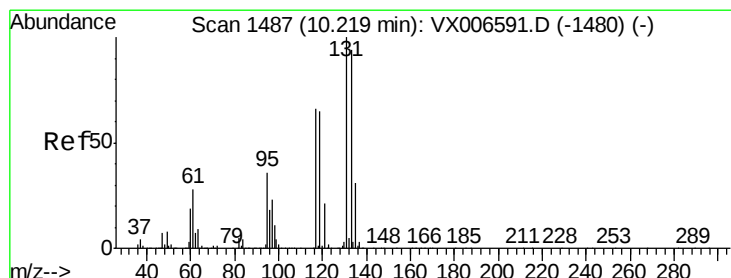
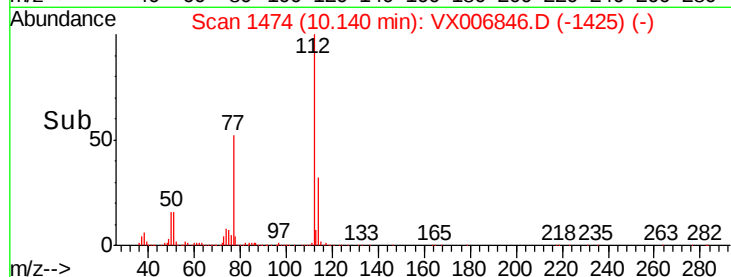
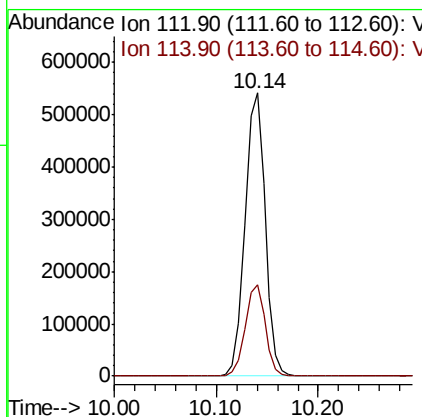
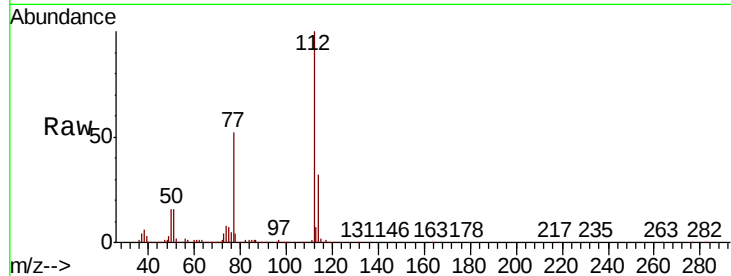
#65  
Chlorobenzene  
Concen: 46.696 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.3  | 25.7  | 38.5  |

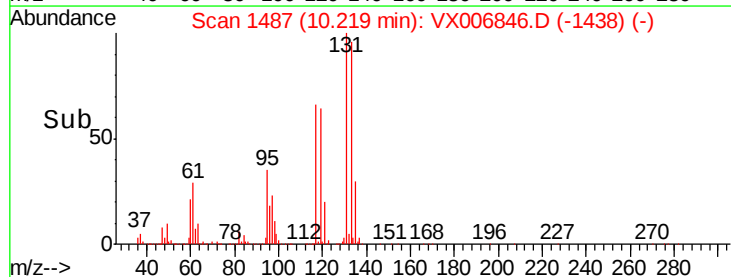
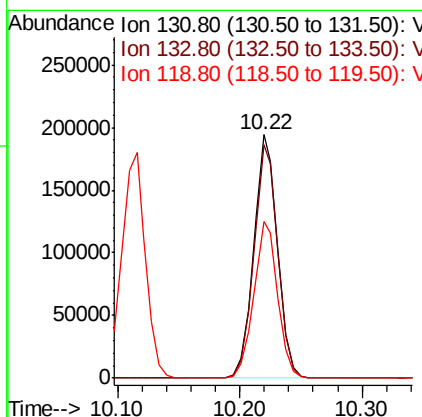
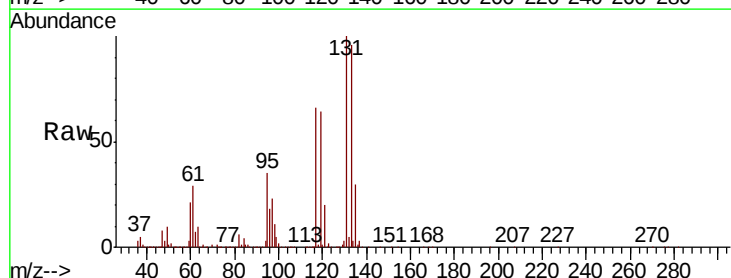
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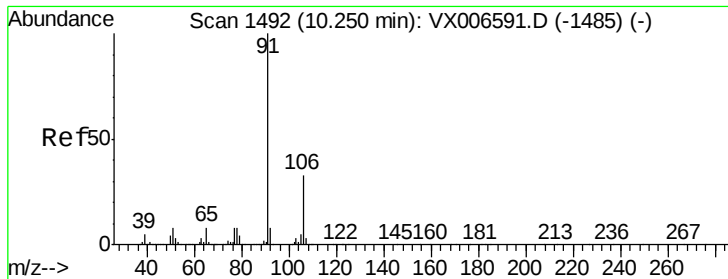
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.768 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.6  | 48.0  | 144.2 |
| 119     | 65.0  | 32.6  | 97.8  |





#67

Ethyl Benzene

Concen: 46.385 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1206044

Ion Ratio Lower Upper

91 100

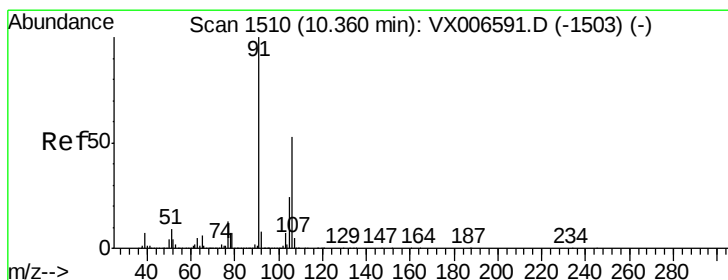
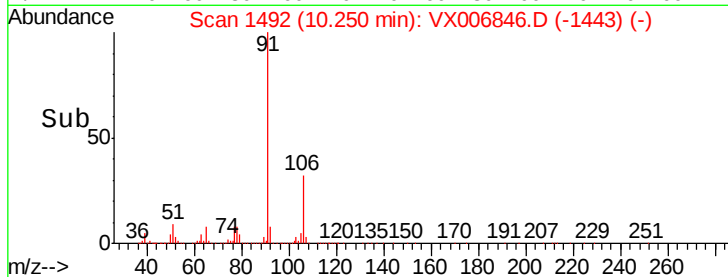
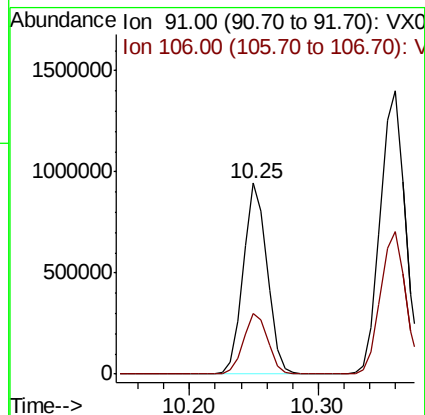
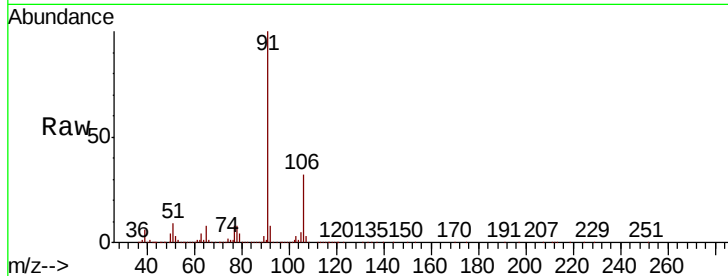
106 31.9 26.4 39.6

Manual Integrations

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12/28/2018 10:28:20 AM



#68

m/p-Xylenes

Concen: 92.265 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006846.D

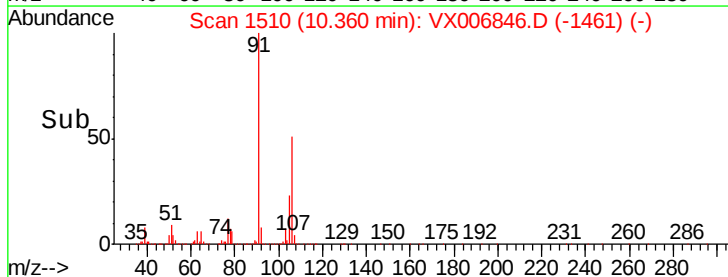
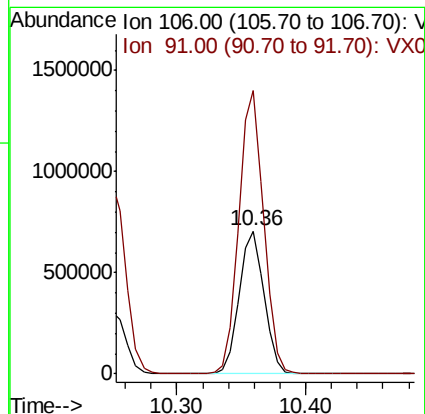
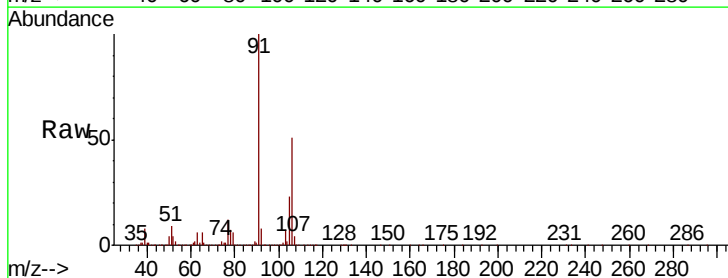
Acq: 27 Dec 2018 16:55

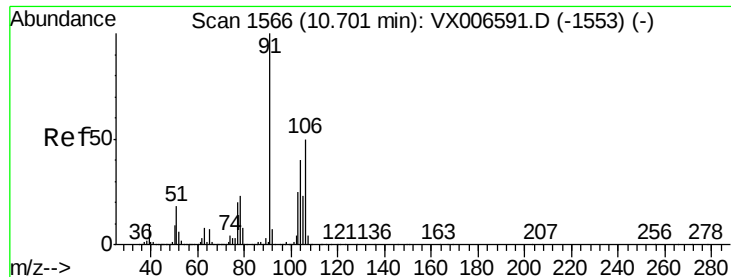
Tgt Ion: 106 Resp: 946624

Ion Ratio Lower Upper

106 100

91 197.6 155.8 233.6





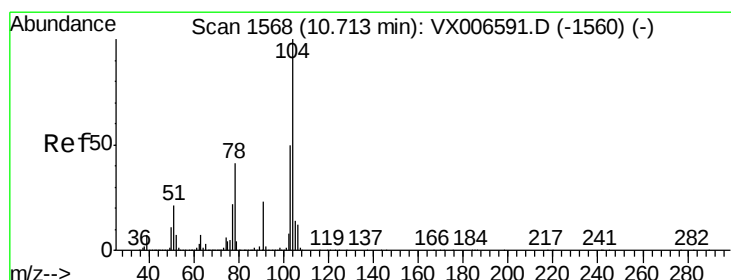
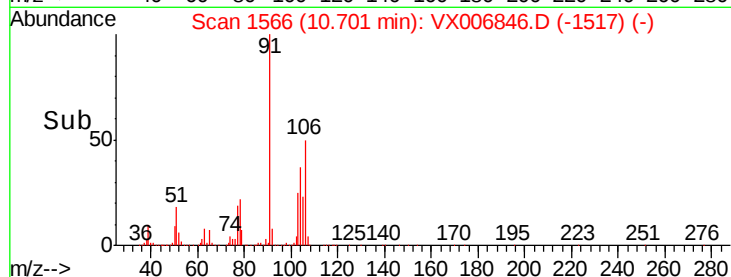
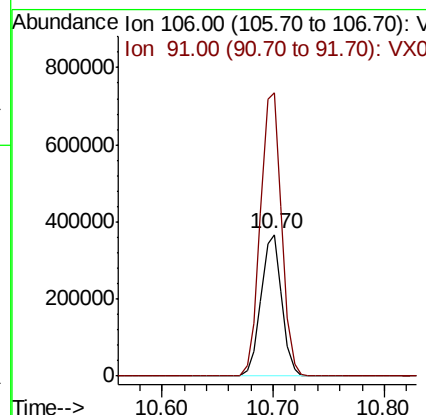
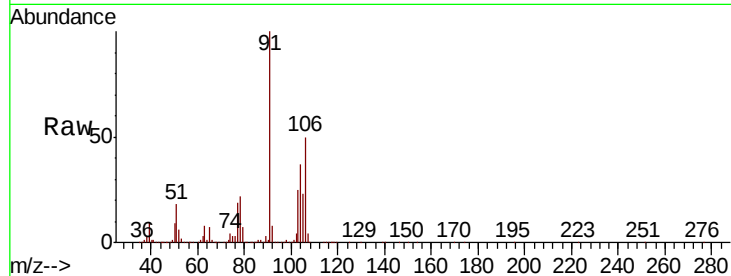
#69  
o-Xylene  
Concen: 47.185 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 478046  
Ion Ratio Lower Upper  
106 100  
91 204.6 101.3 303.7

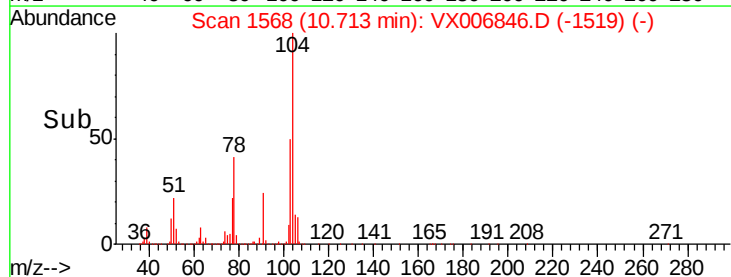
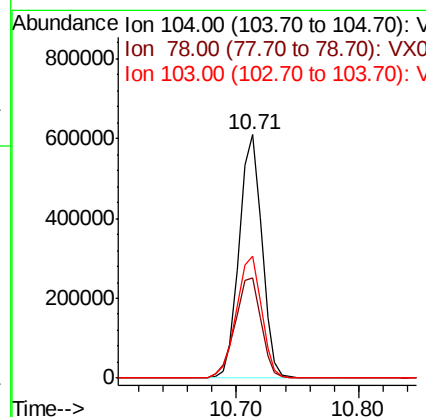
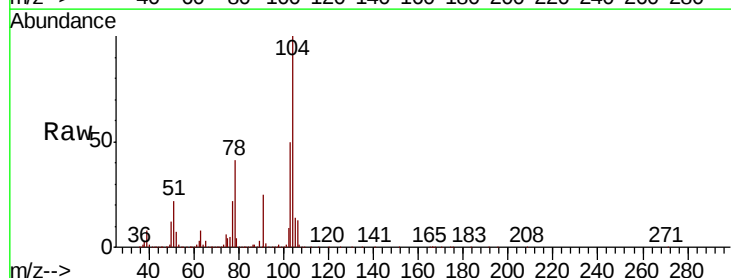
Manual Integrations  
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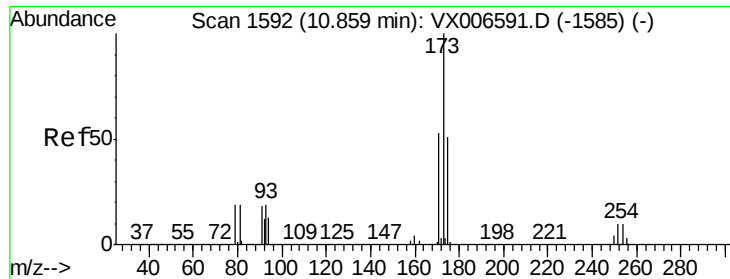
MMDadoda  
12/28/2018 10:28:20 AM



#70  
Styrene  
Concen: 48.635 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Tgt Ion:104 Resp: 779536  
Ion Ratio Lower Upper  
104 100  
78 47.4 37.7 56.5  
103 55.6 43.8 65.8





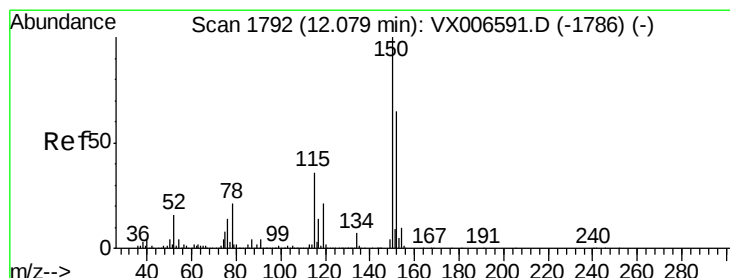
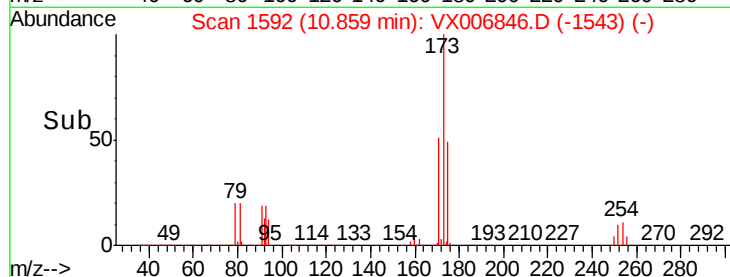
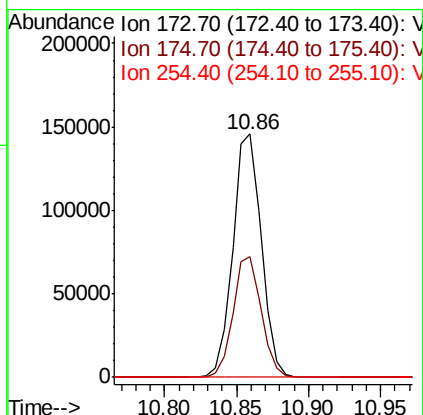
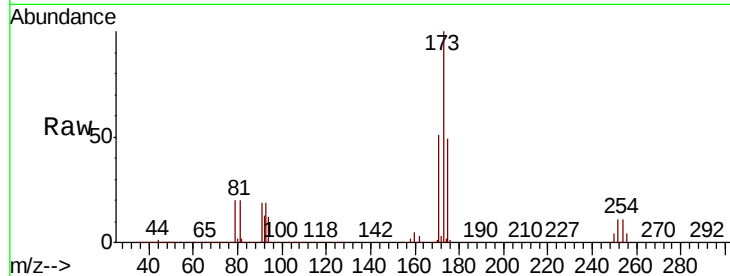
#71  
Bromoform  
Concen: 45.557 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 24.7  | 74.1  |
| 254     | 0.1   | 0.2   | 0.2#  |

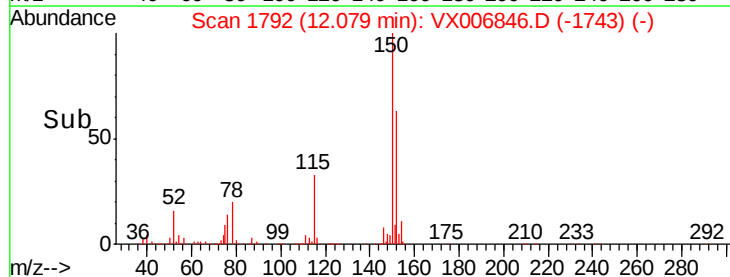
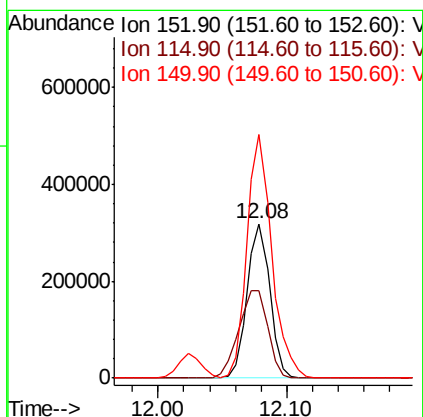
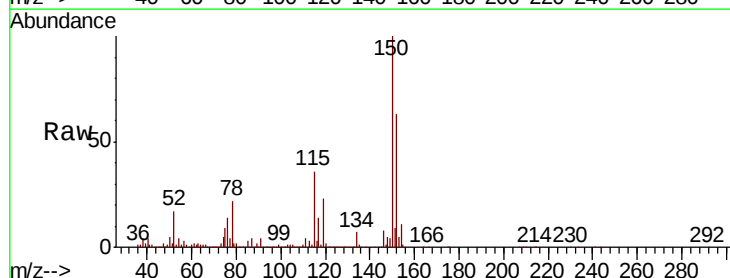
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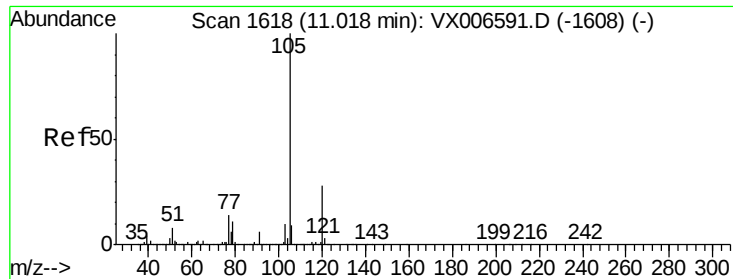
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 73.9  | 39.1  | 117.2 |
| 150     | 172.5 | 0.0   | 344.8 |





#73

Isopropylbenzene

Concen: 46.112 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1210443

Ion Ratio Lower Upper

105 100

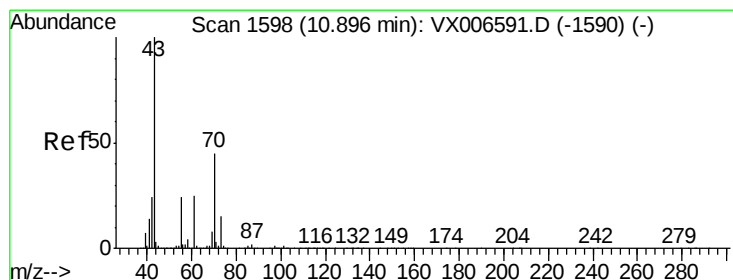
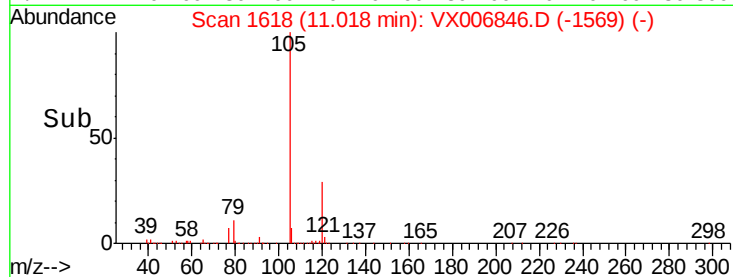
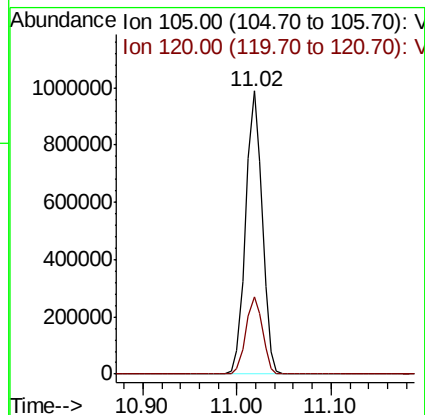
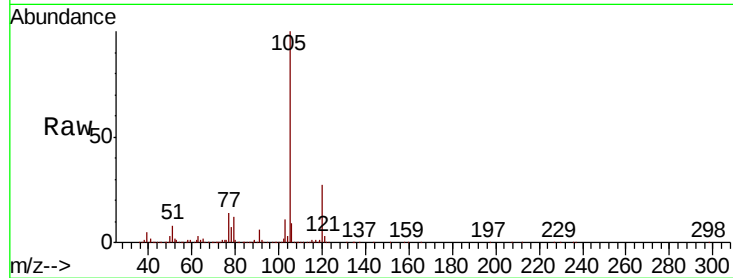
120 27.6 14.1 42.4

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#74

N-ethyl acetate

Concen: 57.139 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion: 43 Resp: 536874

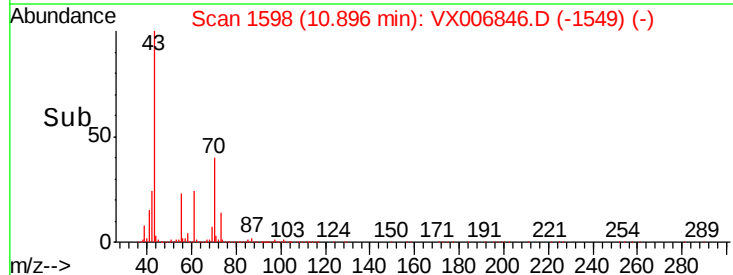
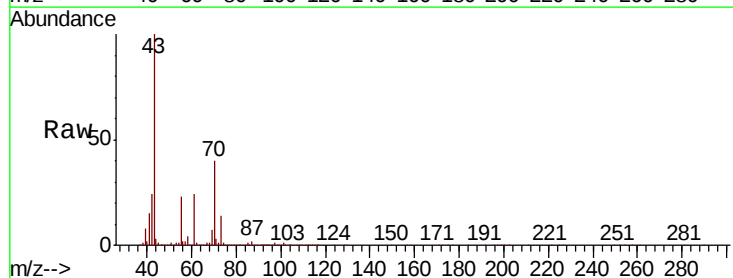
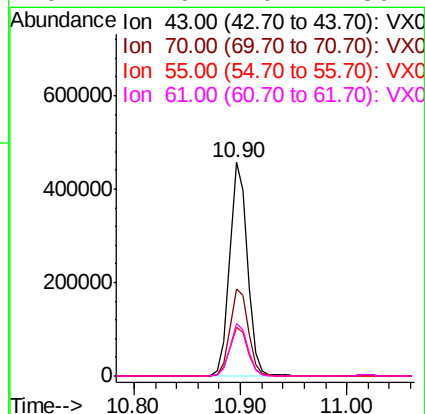
Ion Ratio Lower Upper

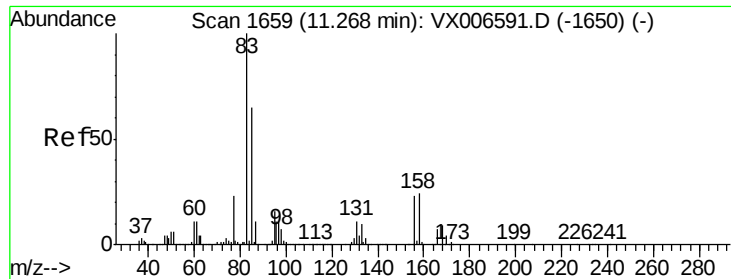
43 100

70 42.2 35.8 53.8

55 23.3 19.4 29.0

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.833 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 404651

Ion Ratio Lower Upper

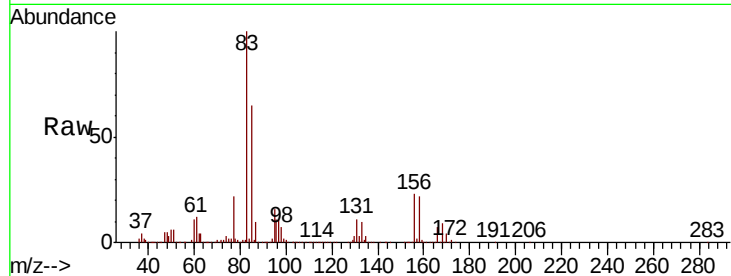
83 100

131 11.3 5.7 17.1

85 64.8 32.2 96.6

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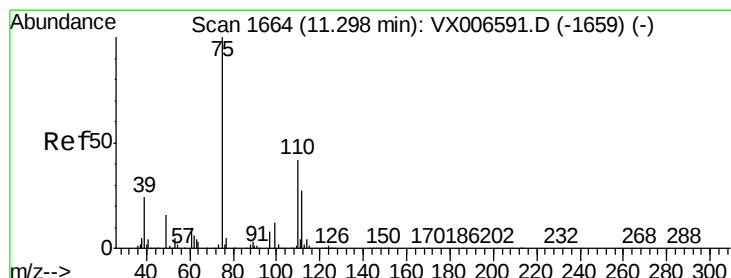
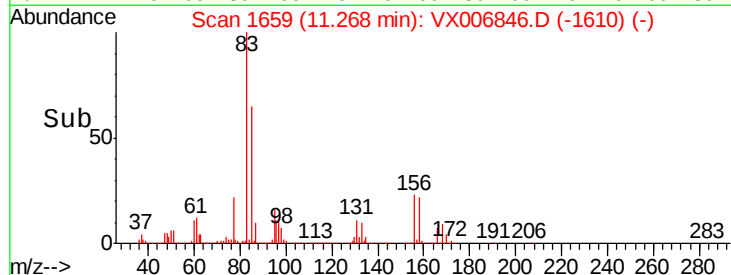
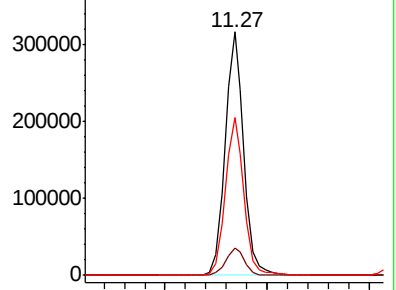
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.705 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006846.D

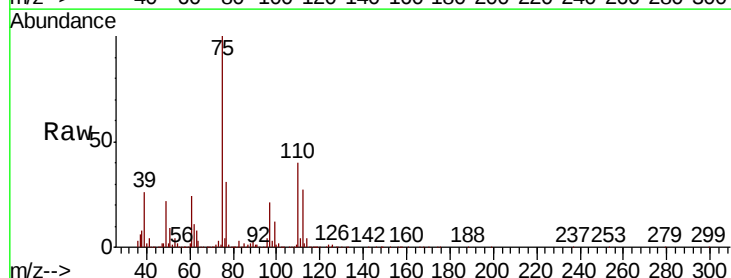
Acq: 27 Dec 2018 16:55

Tgt Ion: 75 Resp: 375826

Ion Ratio Lower Upper

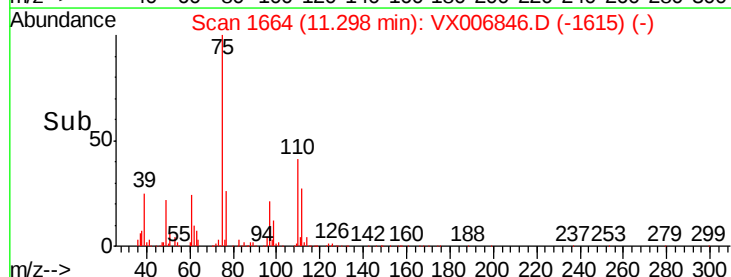
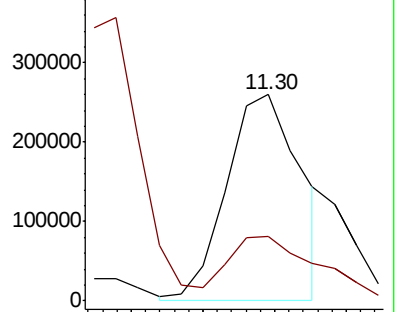
75 100

77 37.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.846 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

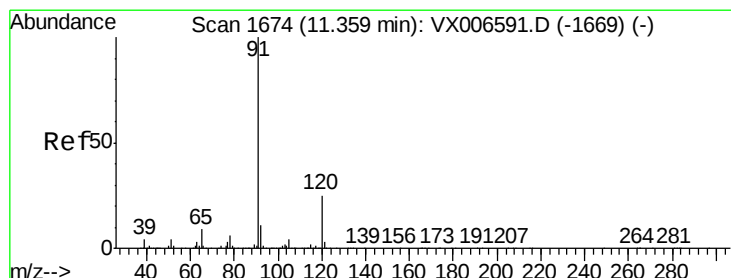
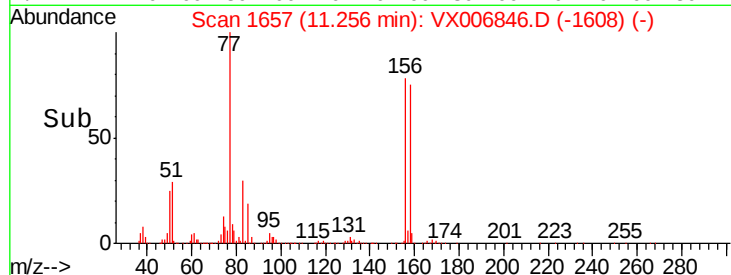
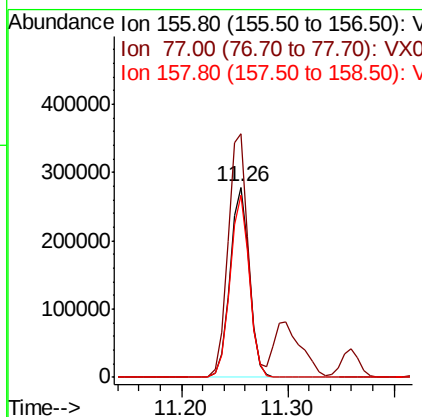
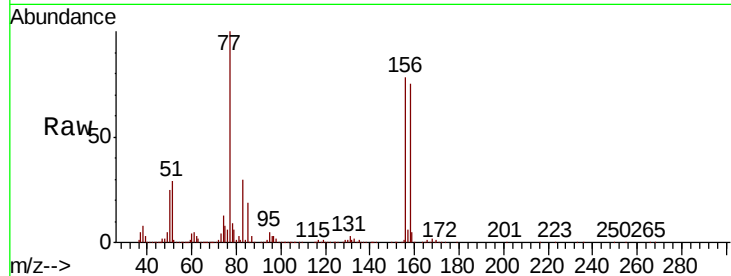
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 133.6 | 68.0  | 204.0 |
| 158     | 95.4  | 48.3  | 144.8 |

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#78

n-propylbenzene

Concen: 46.139 ug/l

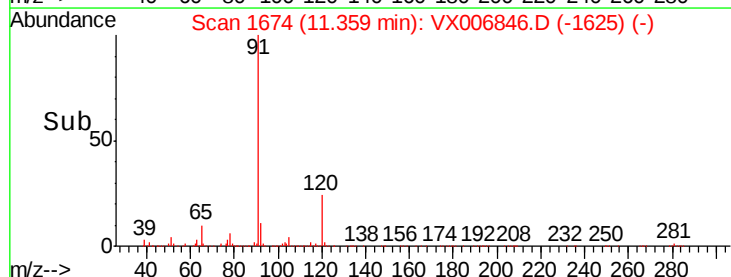
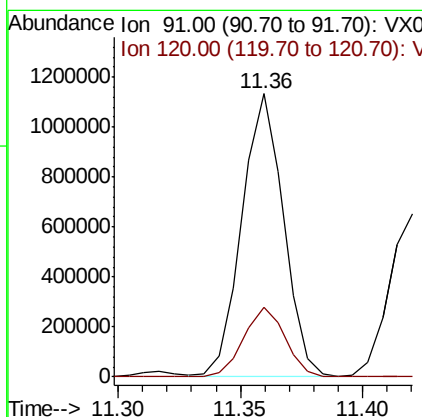
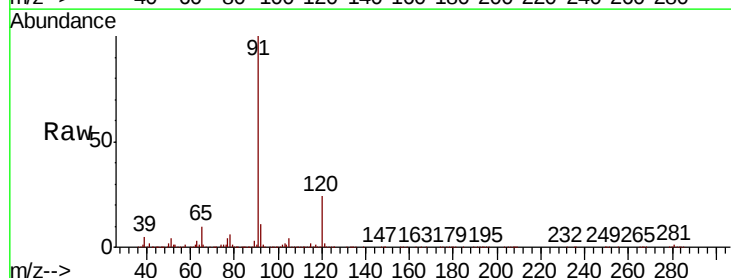
RT: 11.36 min Scan# 1674

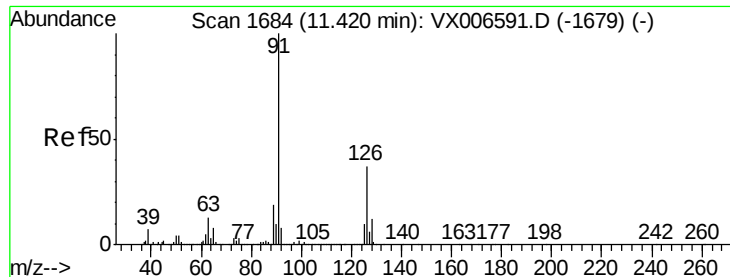
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.6  | 12.7  | 38.0  |





#79

2-Chlorotoluene

Concen: 46.259 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 810345

Ion Ratio Lower Upper

91 100

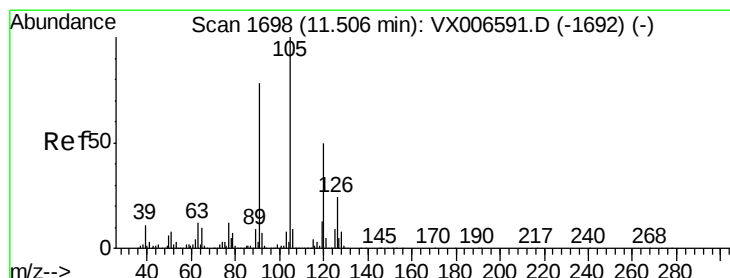
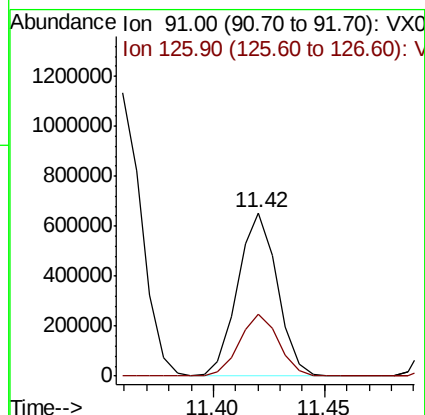
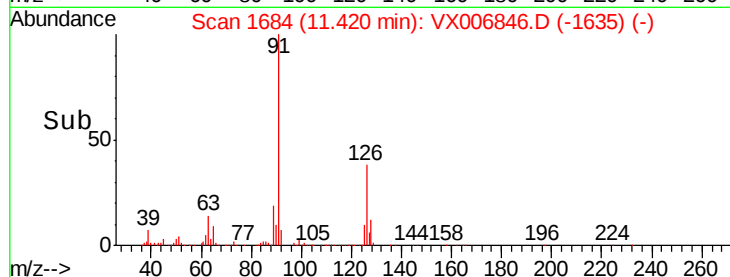
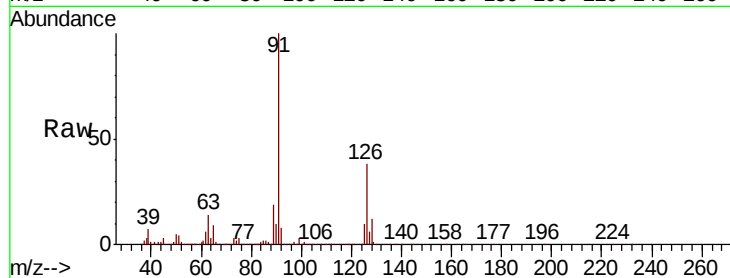
126 37.4 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 44.933 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006846.D

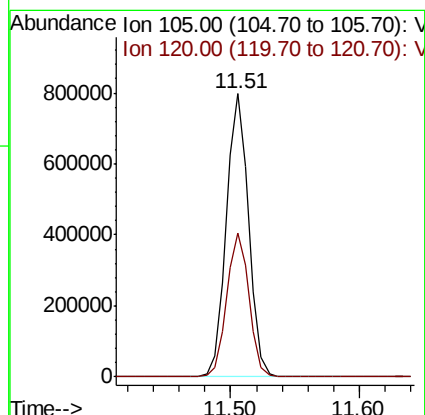
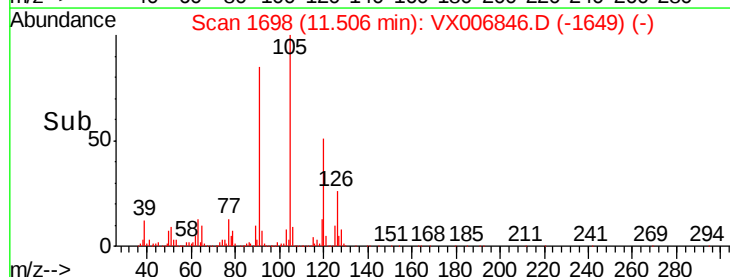
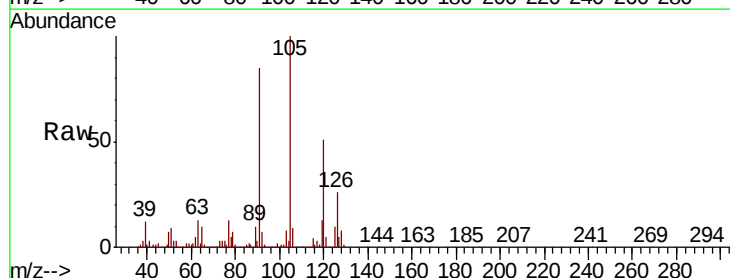
Acq: 27 Dec 2018 16:55

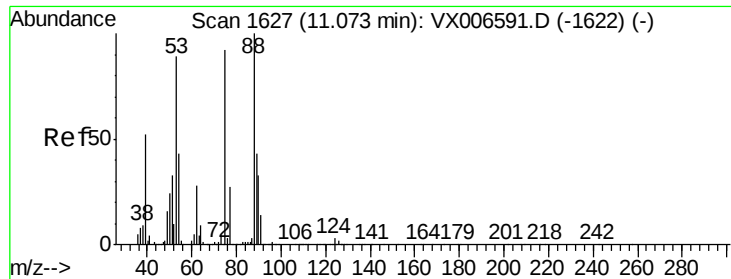
Tgt Ion: 105 Resp: 971509

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.453 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

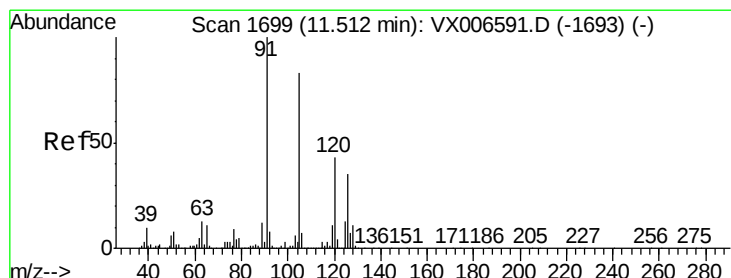
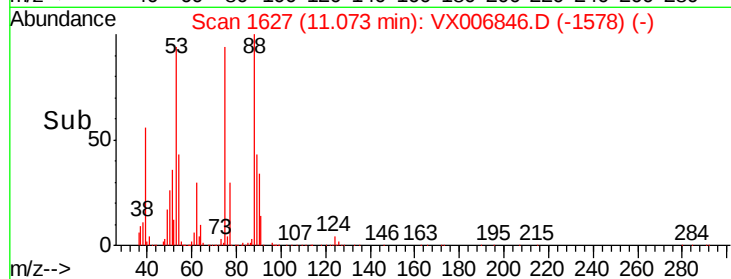
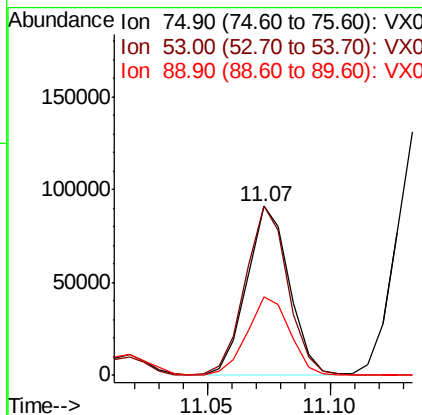
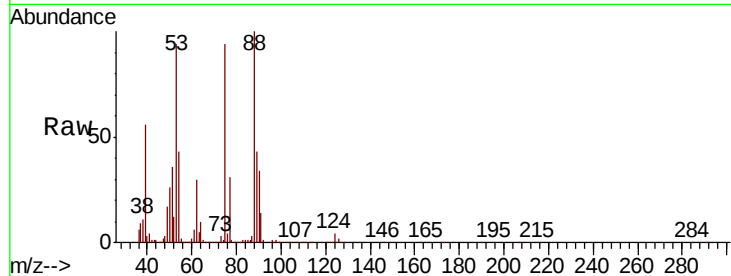
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 110637 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 99.6  | 79.7  | 119.5  |
| 89        | 47.1  | 38.0  | 57.0   |

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#82

4-Chlorotoluene

Concen: 47.267 ug/l

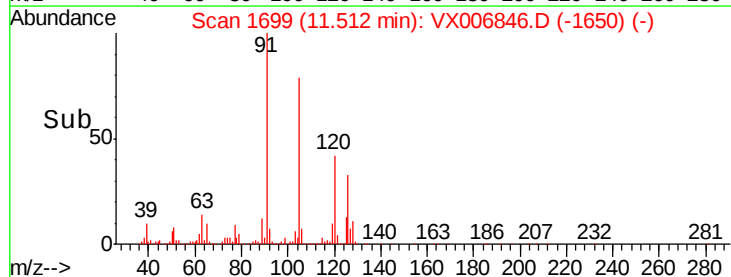
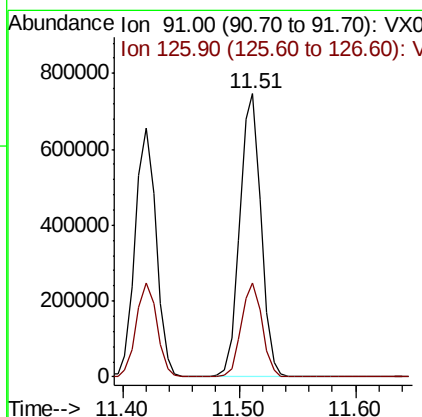
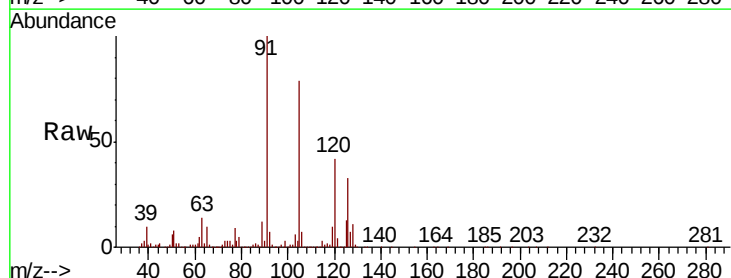
RT: 11.51 min Scan# 1699

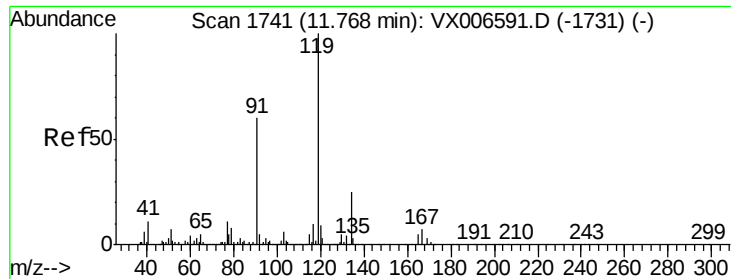
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 949775 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 32.6  | 16.3  | 48.9   |





#83

tert-Butylbenzene

Concen: 46.313 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1002176

Ion Ratio Lower Upper

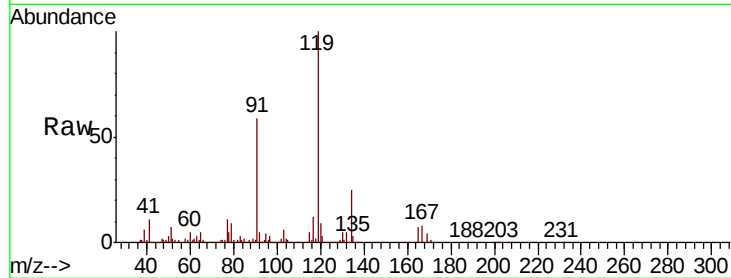
119 100

91 53.8 27.7 83.1

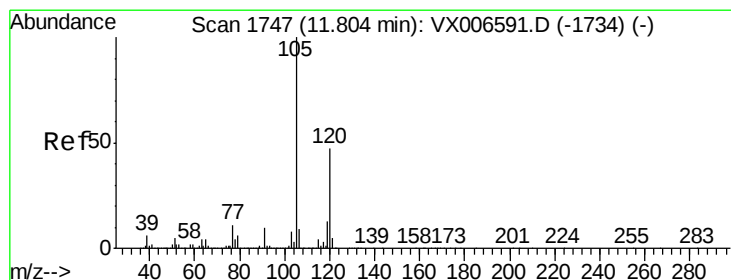
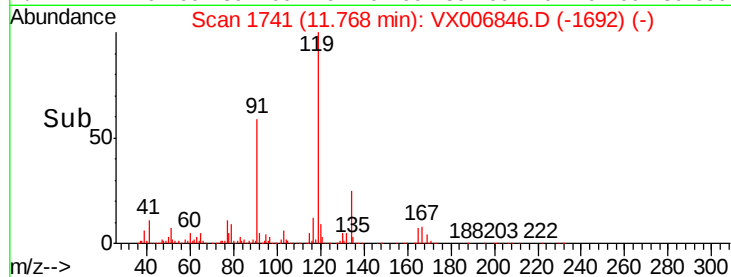
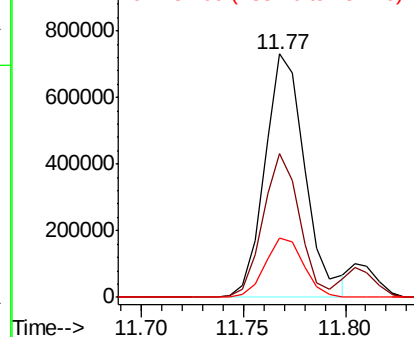
134 23.3 11.9 35.5

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Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VX  
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 44.288 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006846.D

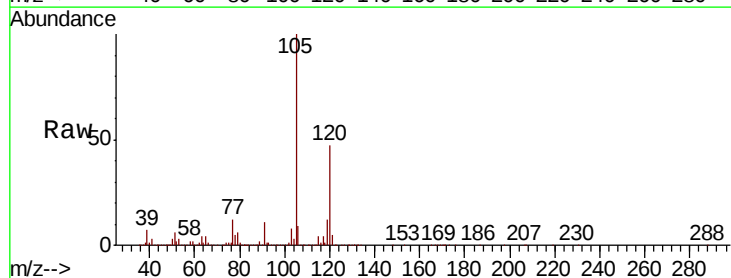
Acq: 27 Dec 2018 16:55

Tgt Ion:105 Resp: 1007189

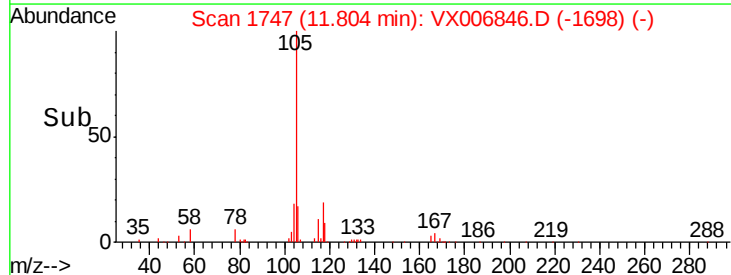
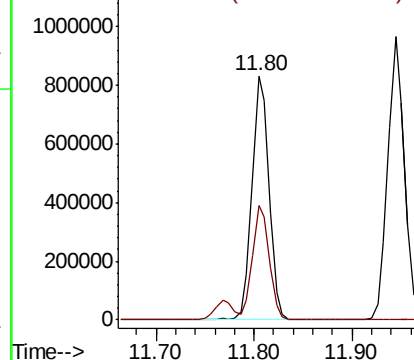
Ion Ratio Lower Upper

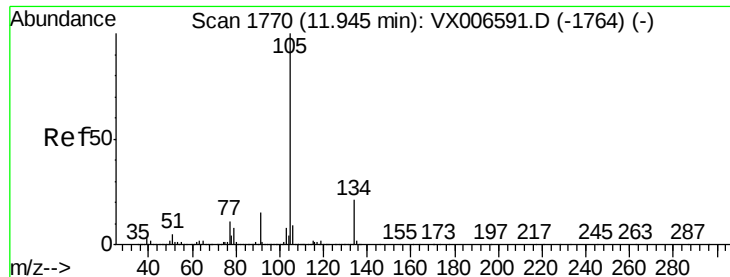
105 100

120 45.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.954 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1139610

Ion Ratio Lower Upper

105 100

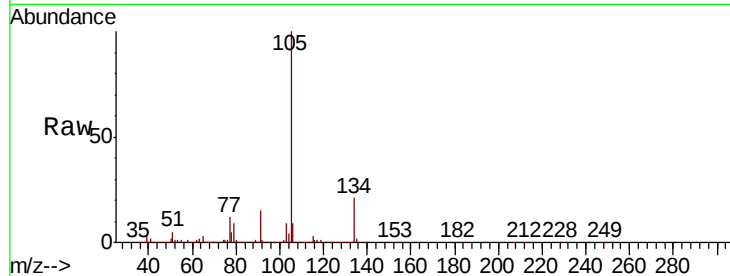
134 21.3 10.7 31.9

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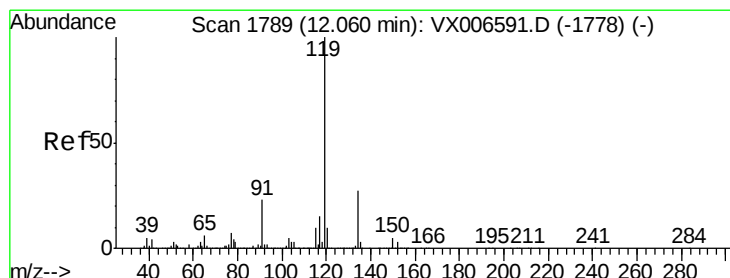
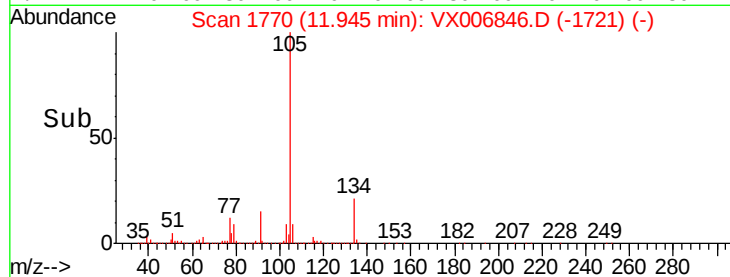
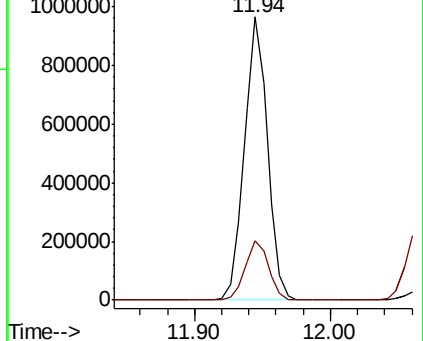
MMDadoda

12/28/2018 10:28:20 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.447 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

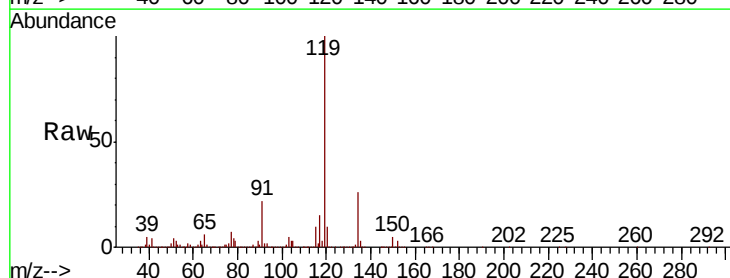
Tgt Ion:119 Resp: 1036597

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

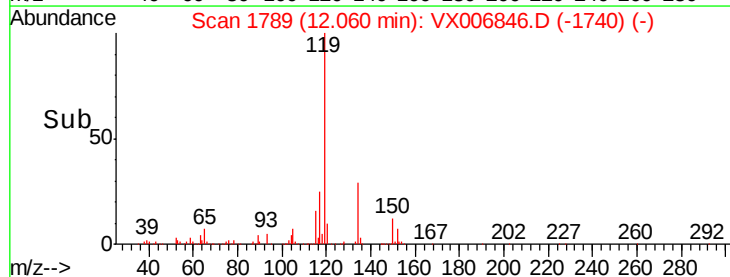
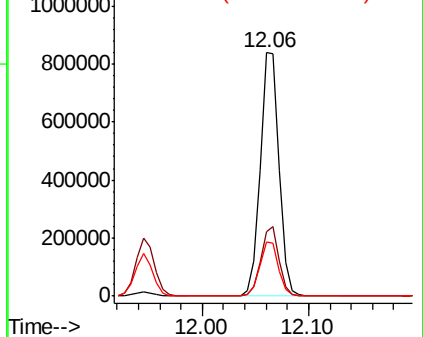
91 22.2 11.3 33.9

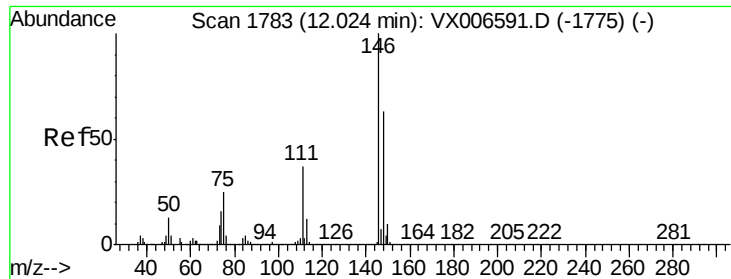


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





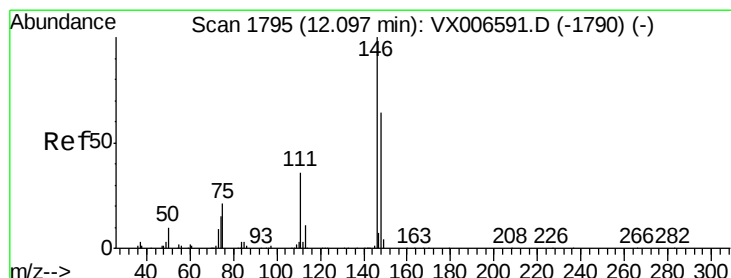
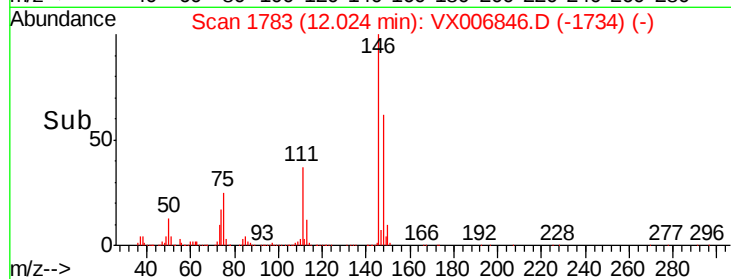
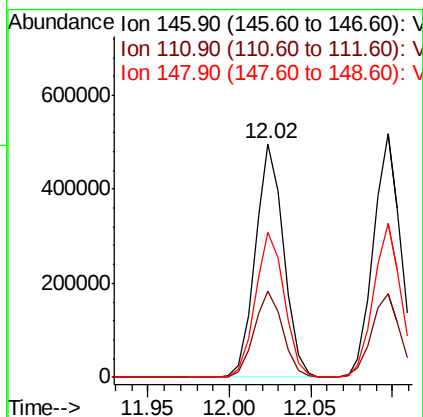
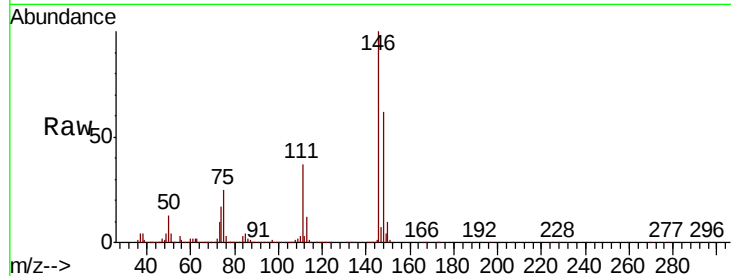
#87  
 1,3-Dichlorobenzene  
 Concen: 46.757 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 18.6  | 55.8  |
| 148     | 63.6  | 31.8  | 95.3  |

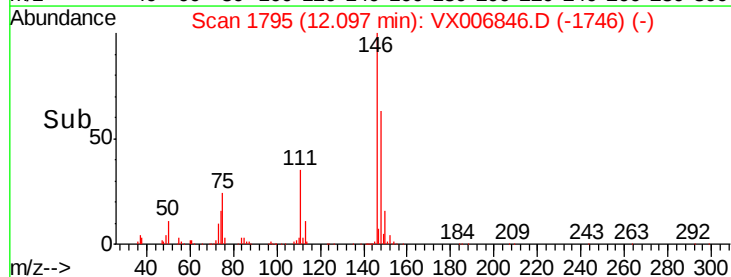
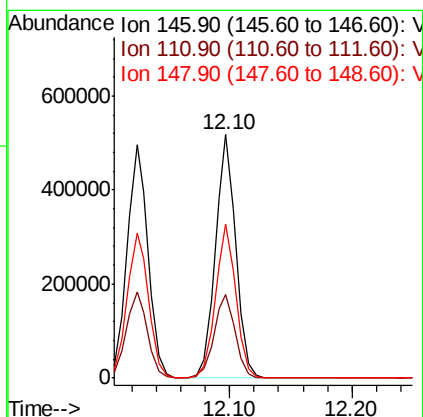
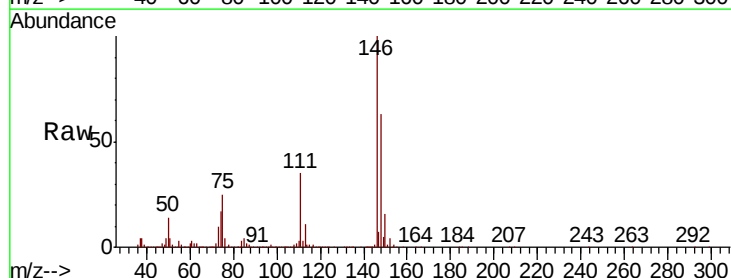
Manual Integrations  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.057 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX006846.D  
 Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.7  | 18.1  | 54.1  |
| 148     | 62.9  | 31.9  | 95.9  |





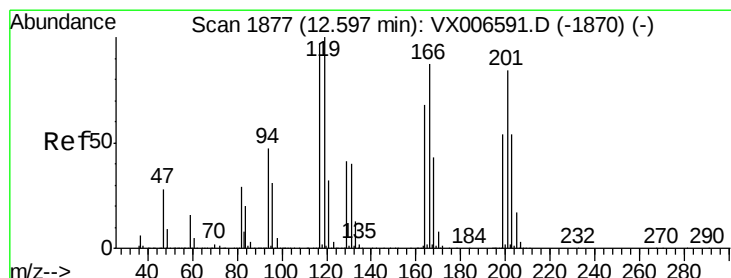
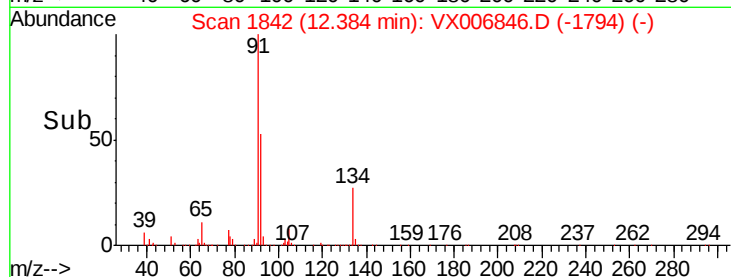
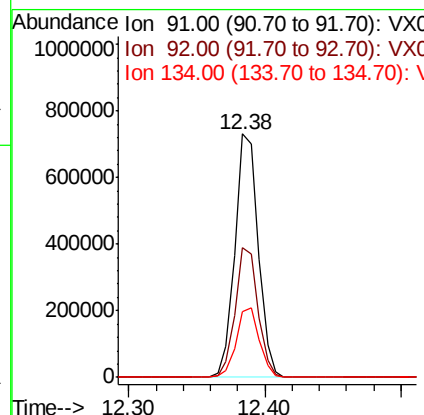
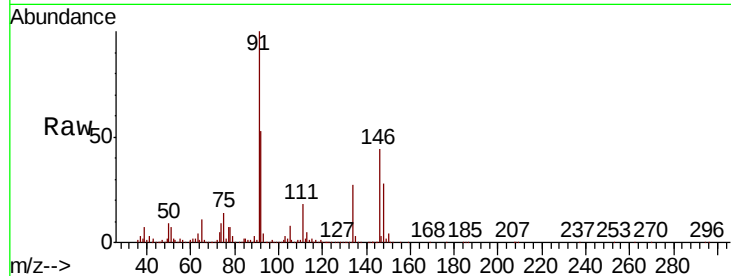
#89  
n-Butylbenzene  
Concen: 43.864 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 26.8  | 80.4  |
| 134     | 28.3  | 14.4  | 43.2  |

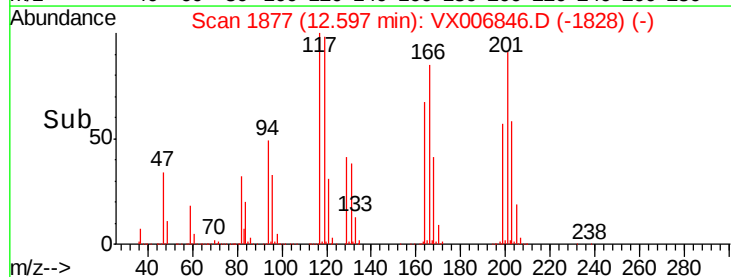
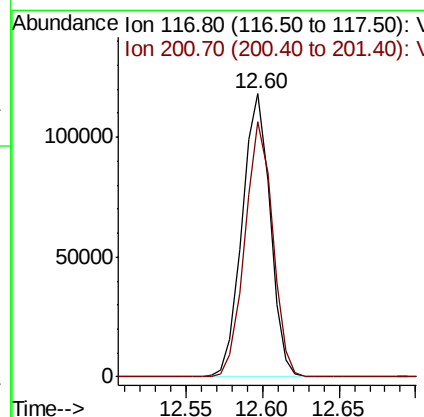
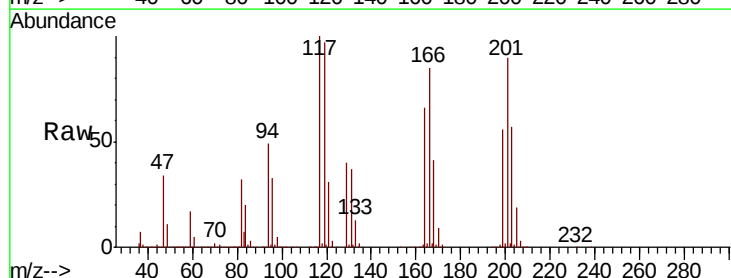
Manual Integrations  
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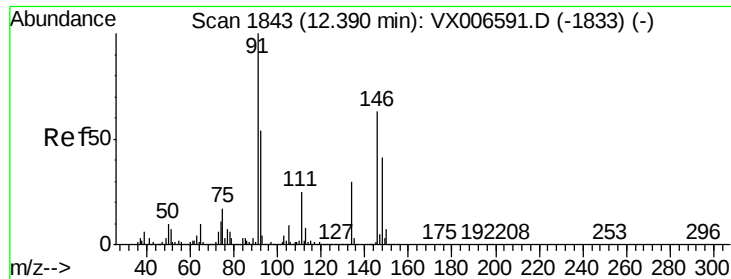
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#90  
Hexachloroethane  
Concen: 41.675 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.1  | 42.9  | 128.7 |





#91

1,2-Dichlorobenzene

Concen: 46.122 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

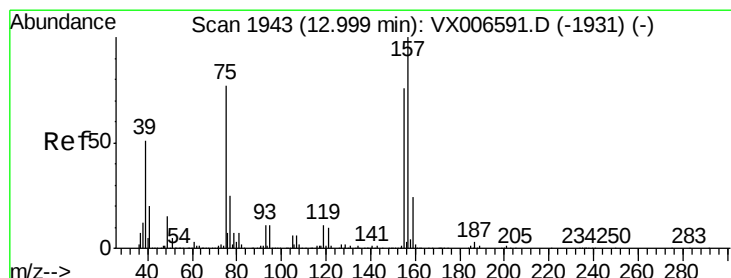
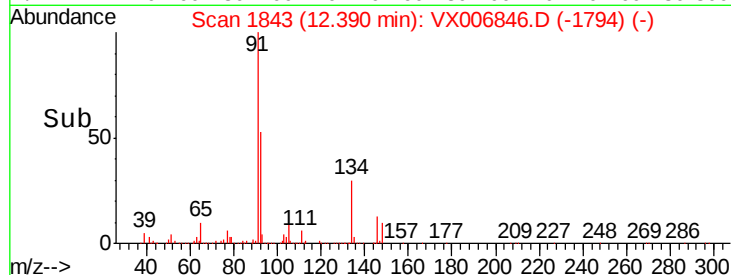
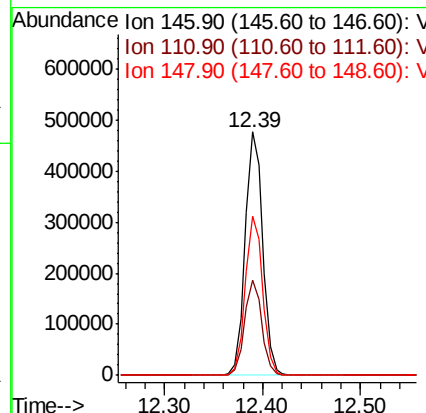
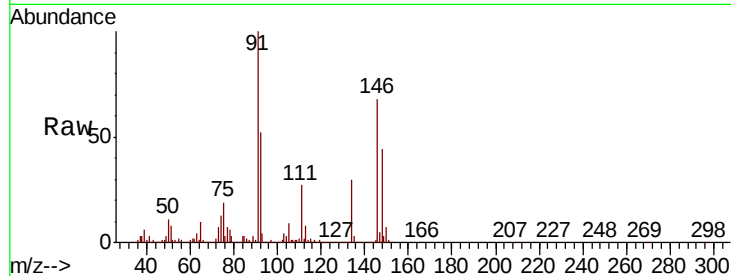
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 590111 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.4  | 19.4  | 58.2   |
| 148       | 64.8  | 32.3  | 96.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.143 ug/l

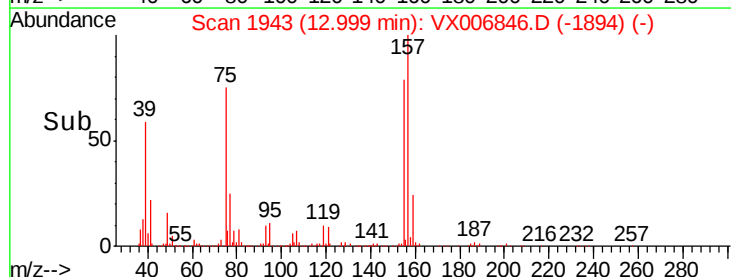
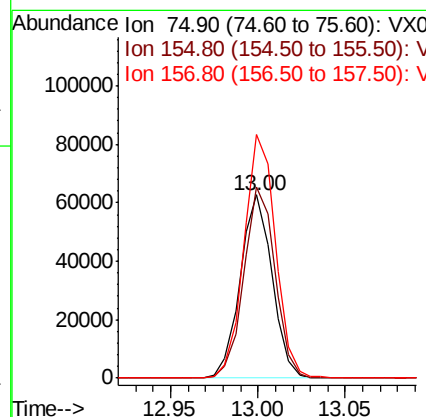
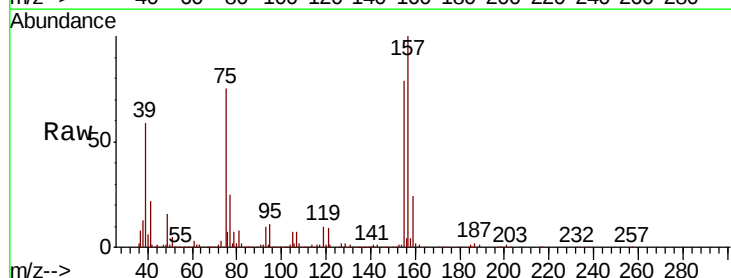
RT: 13.00 min Scan# 1943

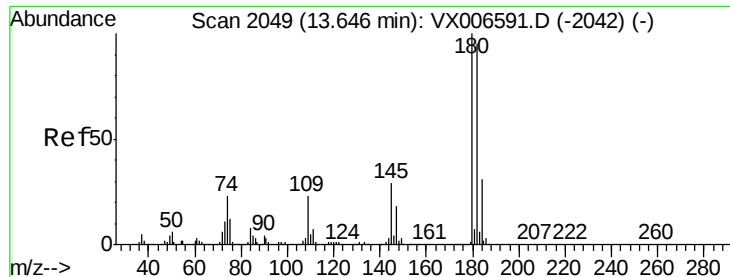
Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 79382 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 102.6 | 50.6  | 151.8 |
| 157       | 131.6 | 64.6  | 193.8 |





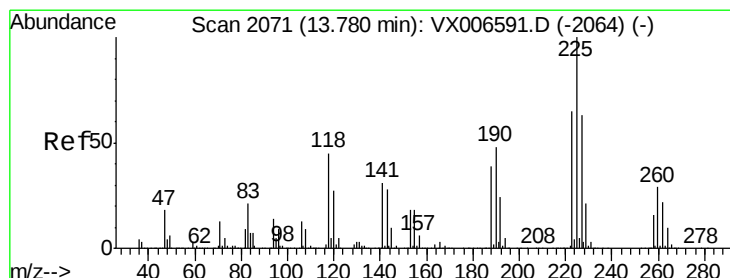
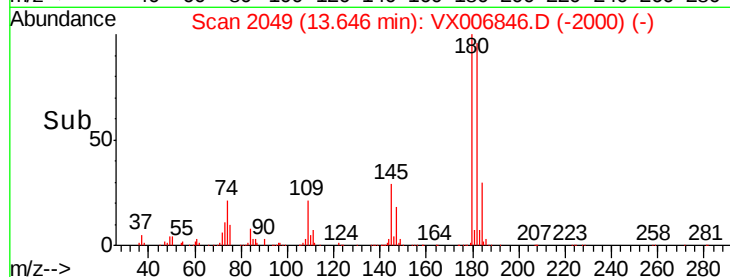
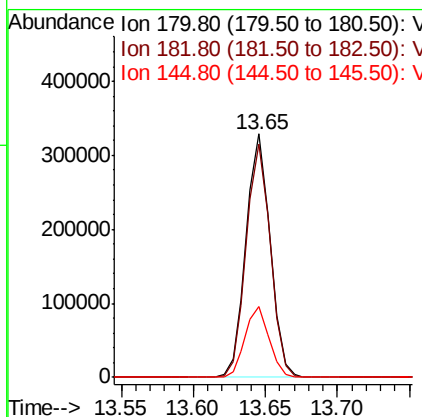
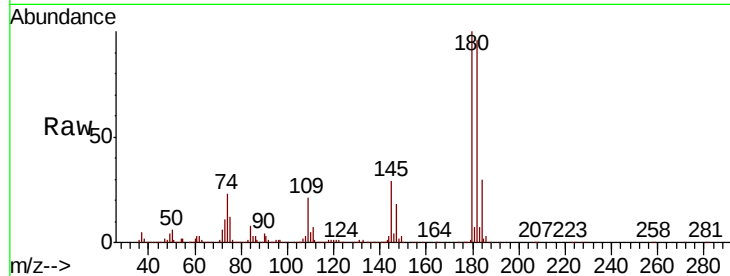
#93  
1,2,4-Trichlorobenzene  
Concen: 43.284 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 382012 |       |       |
| 182     | 95.8  | 47.3   | 142.0 |       |
| 145     | 28.9  | 14.8   | 44.3  |       |

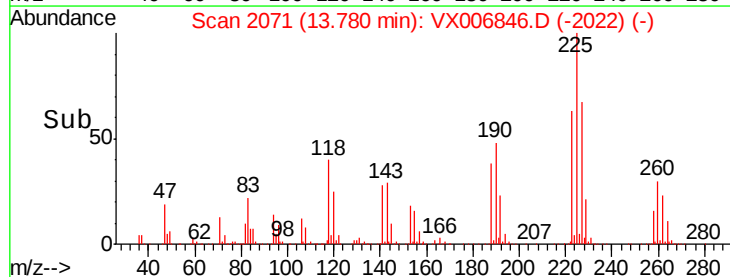
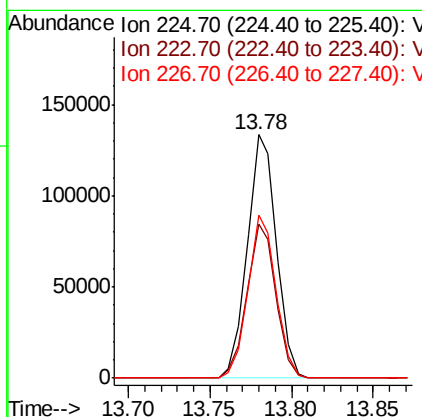
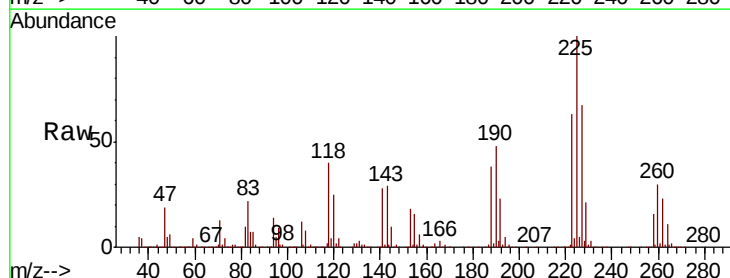
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#94  
Hexachlorobutadiene  
Concen: 40.048 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. -0.00 min  
Lab File: VX006846.D  
Acq: 27 Dec 2018 16:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 166598 |       |       |
| 223     | 62.7  | 32.1   | 96.3  |       |
| 227     | 64.5  | 32.3   | 96.8  |       |





#95

Naphthalene

Concen: 41.955 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1181817

Ion Ratio Lower Upper

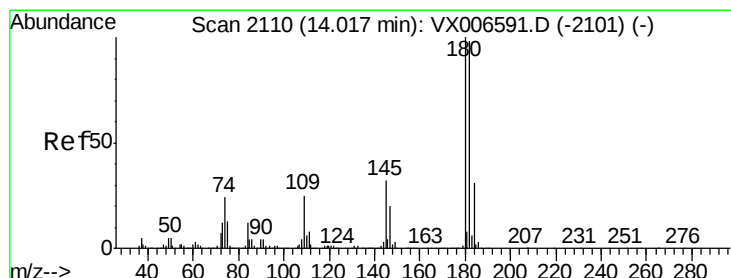
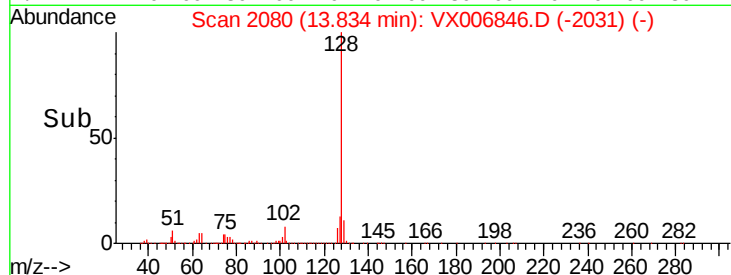
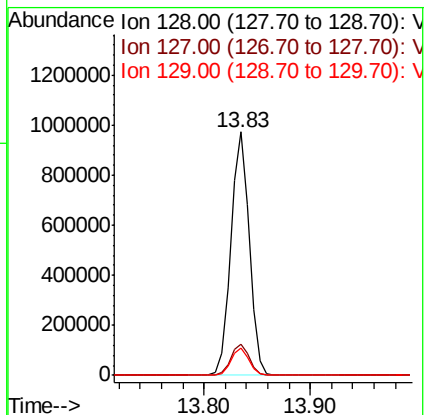
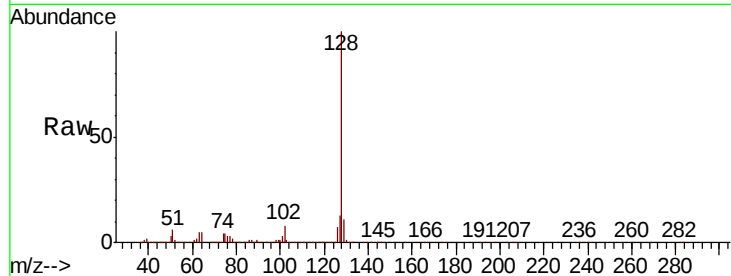
128 100

127 13.0 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 41.185 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006846.D

Acq: 27 Dec 2018 16:55

Tgt Ion:180 Resp: 375297

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.5

145 30.5 16.0 47.9

