

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\  
 Data File : VX005016.D  
 Acq On : 04 Oct 2018 13:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/5/2018 3:24:50 PM

Quant Time: Oct 04 13:52:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 245183   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 376783   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 354676   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 214395   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 169572   | 48.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.84%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 140688   | 44.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.12%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 536943   | 50.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.16% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 200381   | 52.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.78% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 170099  | 50.882  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 190226  | 46.902  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 191417  | 50.320  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 129263  | 57.304  | ug/l | 93     |
| 6) Chloroethane               | 1.71 | 64  | 112099  | 54.272  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 245980  | 52.233  | ug/l | 93     |
| 8) Diethyl Ether              | 2.19 | 74  | 105921  | 51.773  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 141837  | 52.874  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 168819  | 47.029  | ug/l | 94     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 246351  | 251.554 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 136572  | 51.408  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 95458   | 136.999 | ug/l | 90     |
| 14) Allyl chloride            | 2.73 | 41  | 303516  | 52.362  | ug/l | 96     |
| 15) Acrylonitrile             | 3.15 | 53  | 568127  | 263.528 | ug/l | 97     |
| 16) Acetone                   | 2.45 | 43  | 484610  | 236.997 | ug/l | 92     |
| 17) Carbon Disulfide          | 2.57 | 76  | 369145  | 46.242  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 316566  | 61.105  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 522152  | 56.981  | ug/l | 95     |
| 20) Methylene Chloride        | 2.85 | 84  | 161921  | 54.539  | ug/l | 91     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 147192  | 50.613  | ug/l | 86     |
| 22) Diisopropyl ether         | 3.87 | 45  | 531035  | 54.404  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2293140 | 256.655 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 287094  | 49.308  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 758269  | 251.575 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 210253  | 51.856  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 165917  | 51.070  | ug/l | 95     |
| 28) Bromochloromethane        | 5.02 | 49  | 131349  | 47.905  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.16 | 42  | 497706  | 265.675 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 273514  | 49.704  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 246078  | 55.219  | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 231215  | 51.449  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 202736  | 46.533  | ug/l | 95     |
| 37) Ethyl Acetate             | 4.86 | 43  | 269484  | 46.597  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 199785  | 43.623  | ug/l | 96     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/5/2018 3:24:50 PM

Quant Time: Oct 04 13:52:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 237441   | 53.372  | ug/l # | 85       |
| 40) Benzene                    | 6.14  | 78   | 645441   | 47.320  | ug/l   | 94       |
| 41) Methacrylonitrile          | 5.06  | 41   | 153417   | 47.834  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 220720   | 45.775  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 416512   | 49.898  | ug/l   | 95       |
| 44) Trichloroethene            | 7.21  | 130  | 169080   | 50.425  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 169329   | 50.623  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 106599   | 50.709  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 204972   | 52.079  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 213088   | 56.243  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 90034    | 956.526 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1447405  | 275.391 | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 389962   | 52.030  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 239328   | 53.810  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 256399   | 55.039  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 163275   | 49.733  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 267663   | 50.228  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 276116   | 50.534  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 723129   | 255.312 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1145648  | 261.577 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.59  | 129  | 167424   | 50.993  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 169971   | 48.343  | ug/l   | 95       |
| 64) Tetrachloroethene          | 9.34  | 164  | 174944   | 50.116  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 442376   | 48.640  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 159521   | 49.891  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 750275   | 51.961  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 587028   | 104.038 | ug/l   | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 286562   | 55.293  | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 481408   | 49.680  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 137968   | 50.402  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.02 | 105  | 758983   | 56.164  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 377446   | 50.788  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 267327   | 48.597  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 252814m  | 52.611  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 203838   | 51.932  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 863611   | 55.698  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 519233   | 53.725  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 644597   | 52.052  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 81043    | 46.157  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 613858   | 53.962  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 630059   | 56.629  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 681912   | 53.400  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 749529   | 55.307  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 681320   | 55.490  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 373142   | 50.911  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 380844   | 50.336  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 608533   | 54.572  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 103274   | 50.518  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 378832   | 49.459  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 64561    | 53.452  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\  
Data File : VX005016.D  
Acq On : 04 Oct 2018 13:08  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

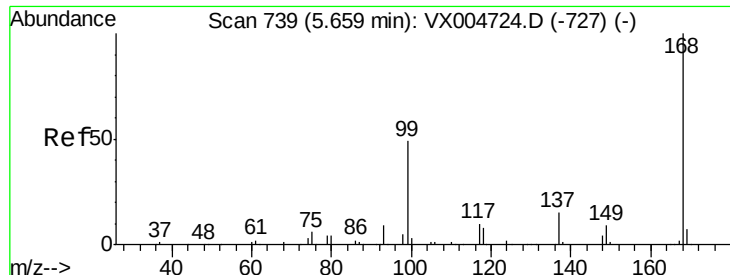
MMDadoda  
10/5/2018 3:24:50 PM

Quant Time: Oct 04 13:52:23 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 284780   | 53.002 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 134190   | 48.162 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 951482   | 53.306 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 290651   | 52.366 | ug/l  | 100      |

(#) = 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: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 245183

Ion Ratio Lower Upper

168 100

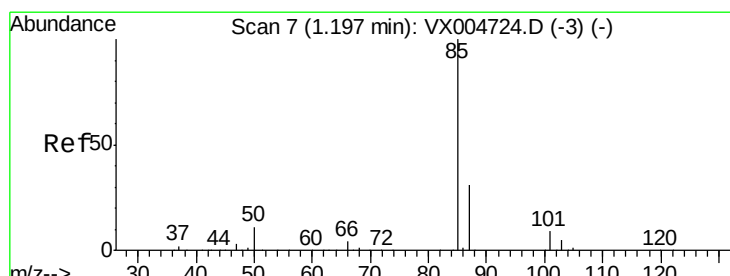
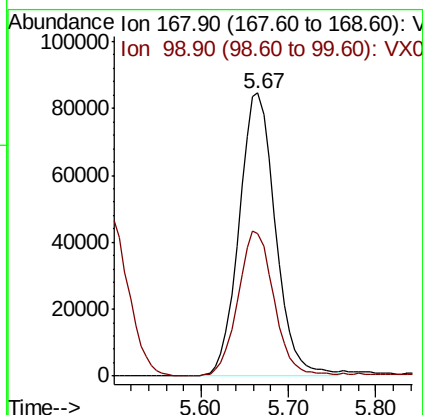
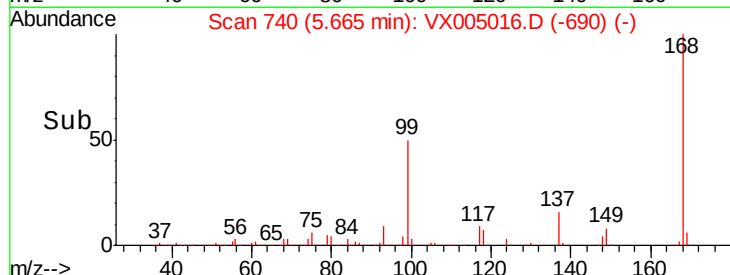
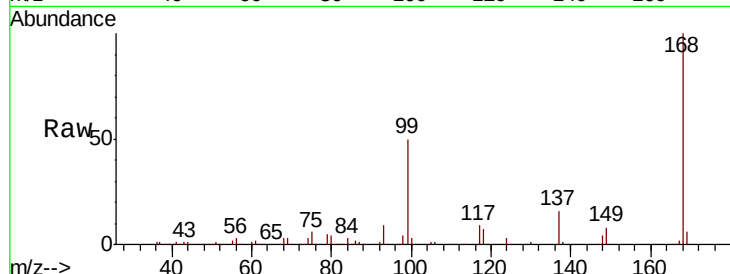
99 50.0 39.3 58.9

Manual Integrations

APPROVED

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10/5/2018 3:24:50 PM



#2

Dichlorodifluoromethane

Concen: 50.882 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005016.D

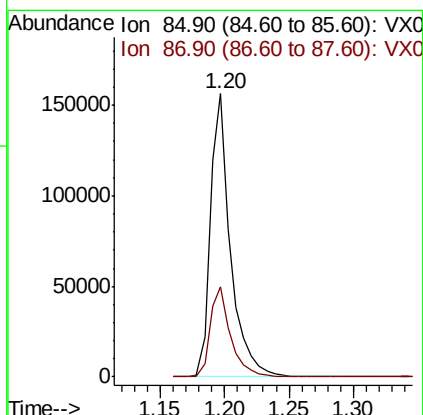
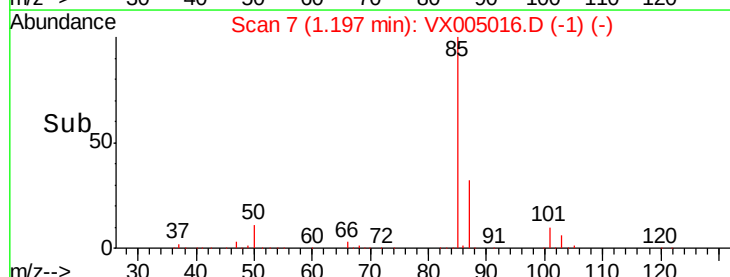
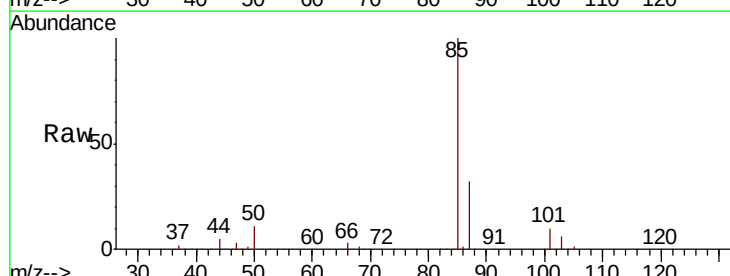
Acq: 04 Oct 2018 13:08

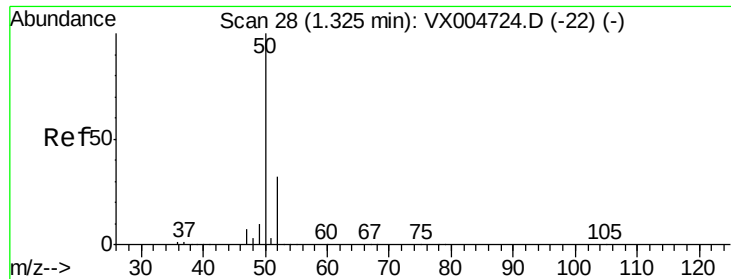
Tgt Ion: 85 Resp: 170099

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1





#3

Chloromethane

Concen: 46.902 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 190226

Ion Ratio Lower Upper

50 100

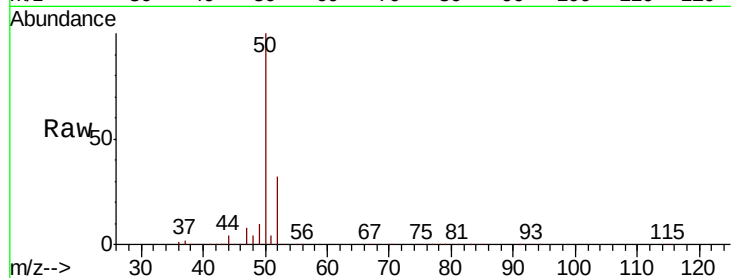
52 32.3 25.8 38.6

Manual Integrations

APPROVED

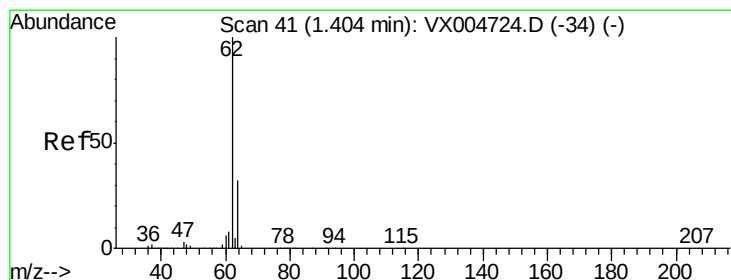
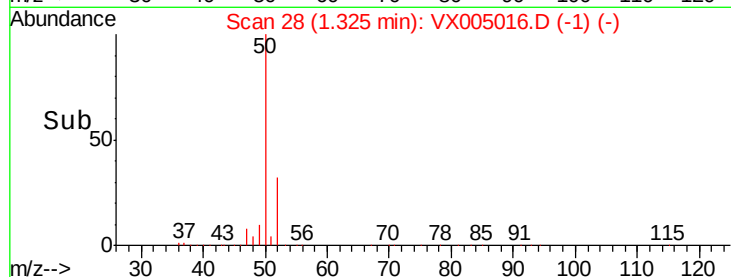
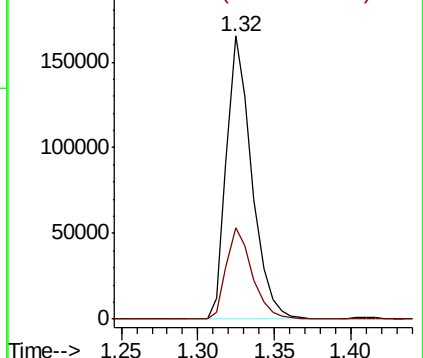
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10/5/2018 3:24:50 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.320 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005016.D

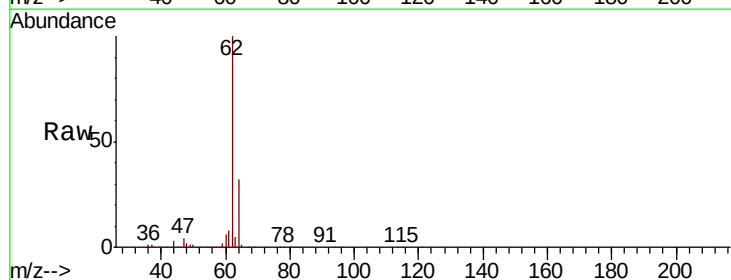
Acq: 04 Oct 2018 13:08

Tgt Ion: 62 Resp: 191417

Ion Ratio Lower Upper

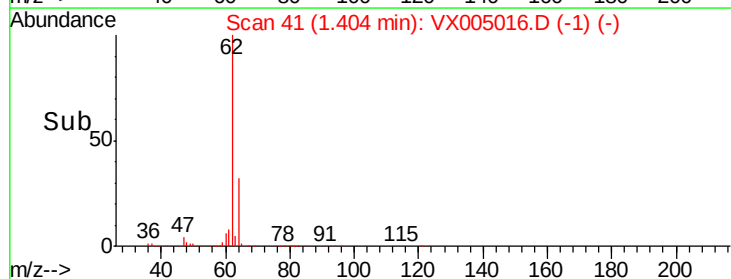
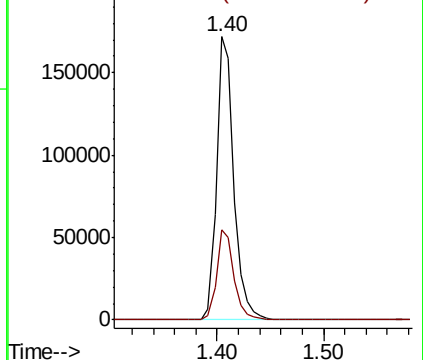
62 100

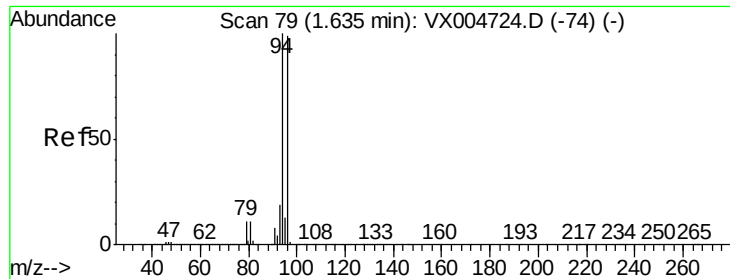
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.304 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 129263

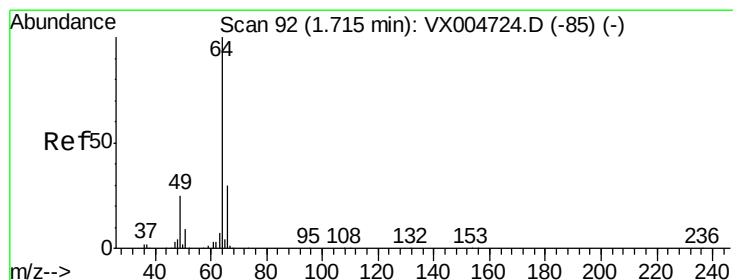
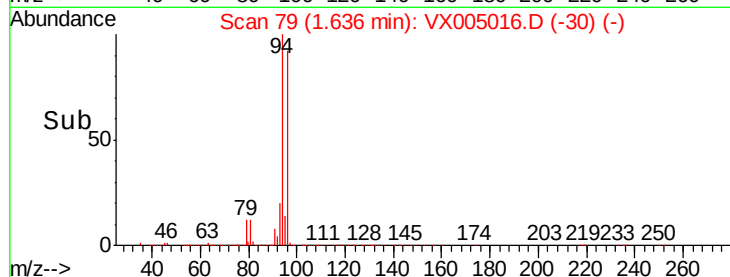
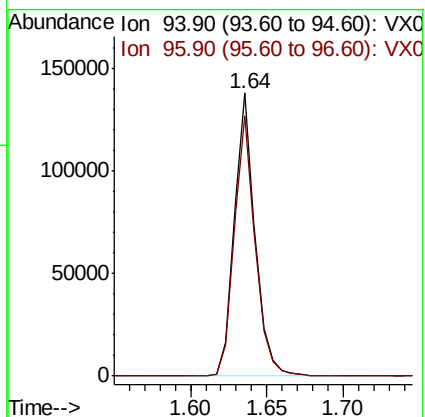
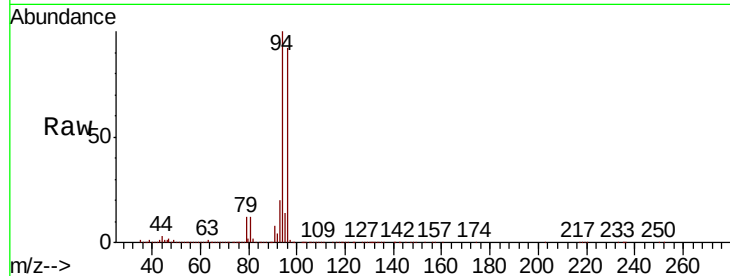
Ion Ratio Lower Upper

94 100

96 92.2 79.5 119.3

Manual Integrations  
APPROVED

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10/5/2018 3:24:50 PM



#6

Chloroethane

Concen: 54.272 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005016.D

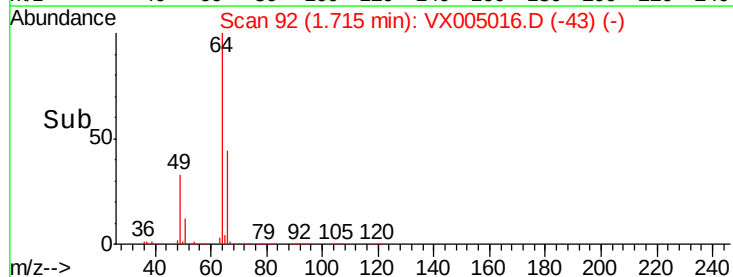
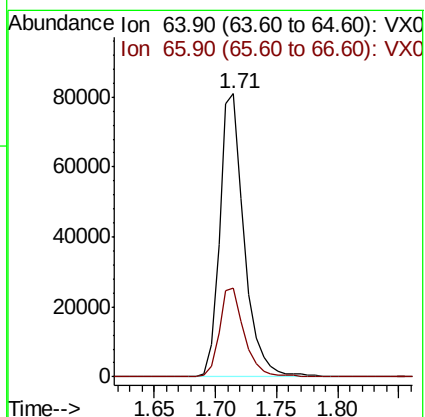
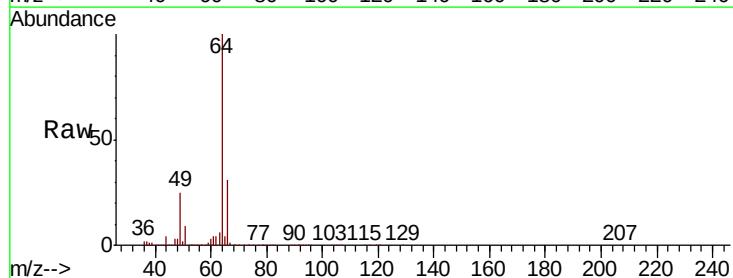
Acq: 04 Oct 2018 13:08

Tgt Ion: 64 Resp: 112099

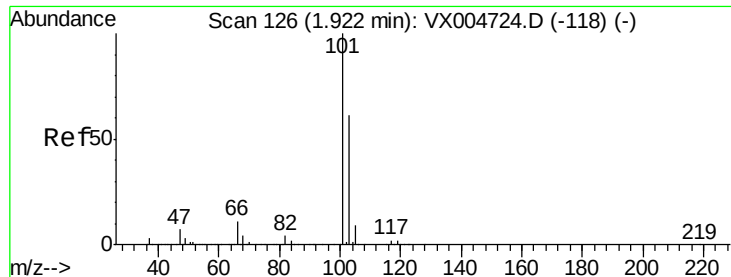
Ion Ratio Lower Upper

64 100

66 31.2 23.8 35.6







#7

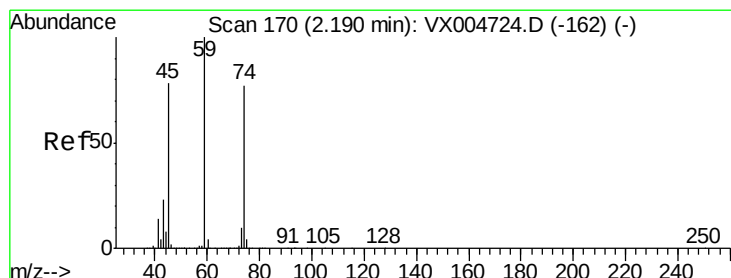
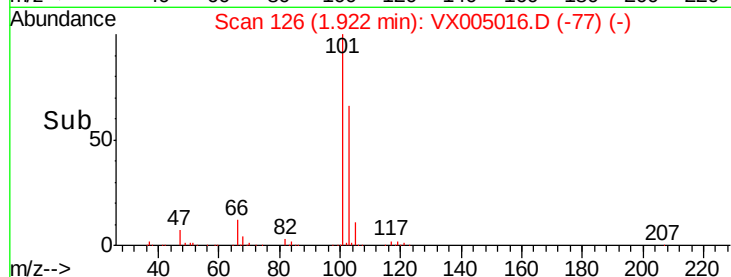
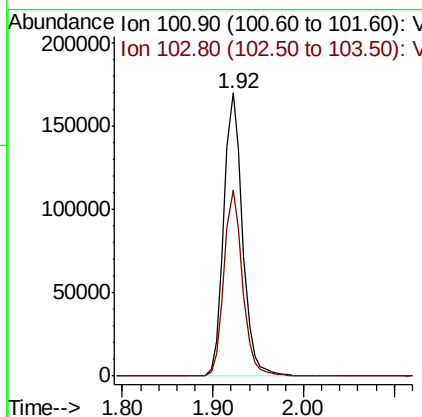
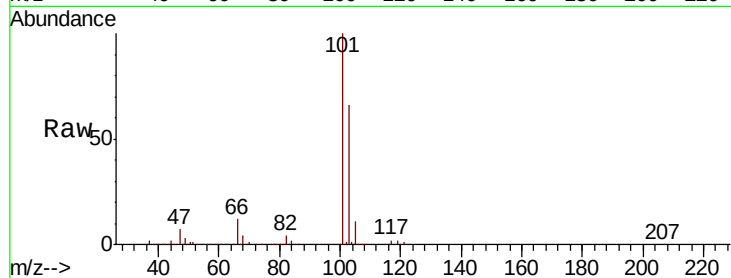
Trichlorofluoromethane  
Concen: 52.233 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.7  | 48.4  | 72.6  |

Manual Integrations  
APPROVED

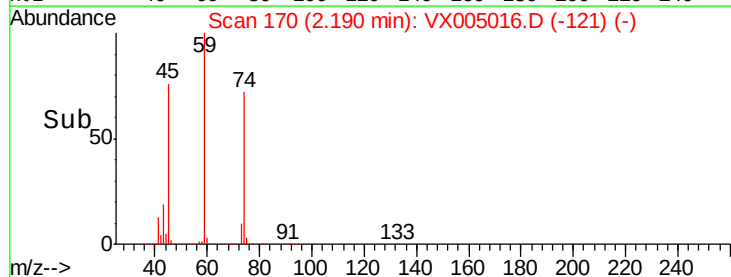
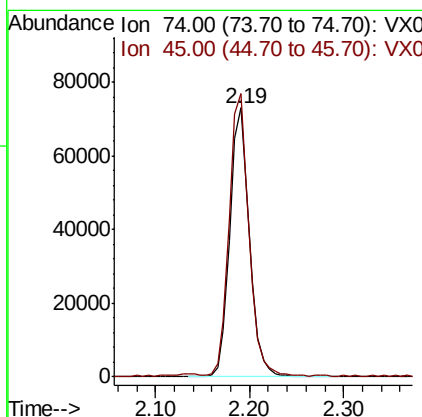
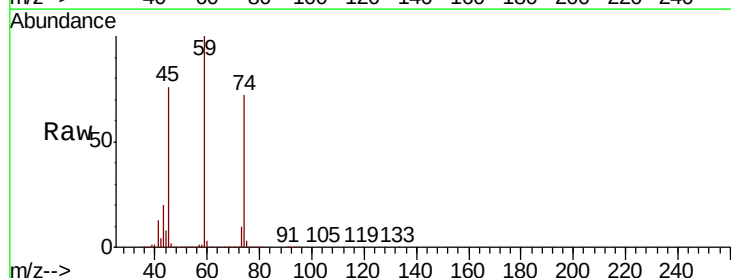
MMDadoda  
10/5/2018 3:24:50 PM



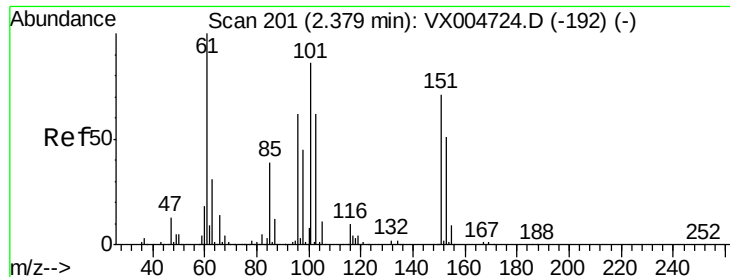
#8

Diethyl Ether  
Concen: 51.773 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 105.2 | 52.5  | 157.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.874 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

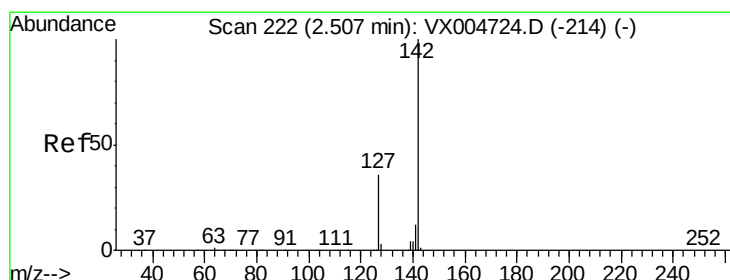
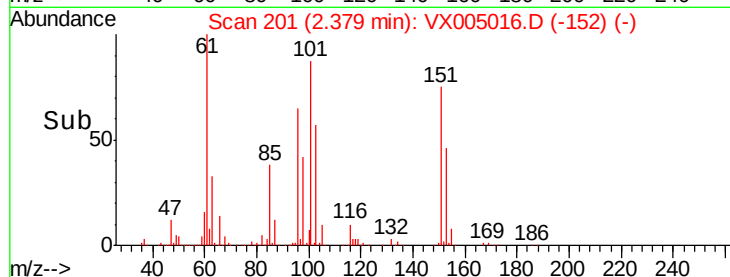
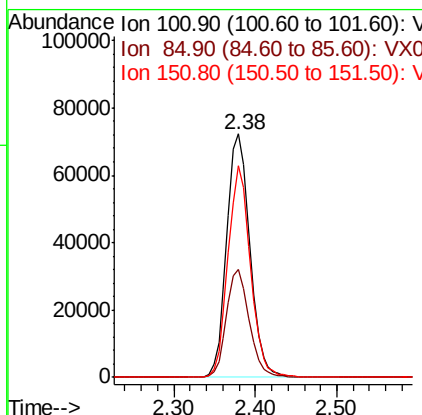
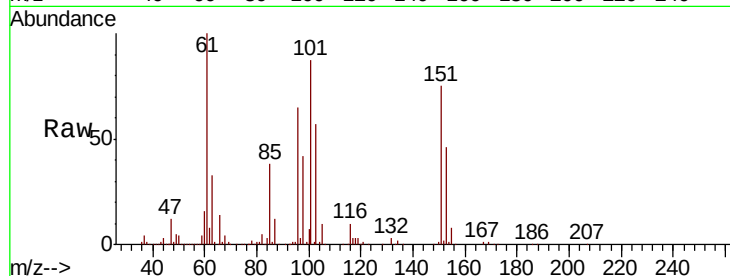
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 141837 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.5  | 35.9  | 53.9   |
| 151       | 83.8  | 66.6  | 100.0  |

Manual Integrations  
APPROVED

MMDadoda  
10/5/2018 3:24:50 PM



#10

Methyl Iodide

Concen: 47.029 ug/l

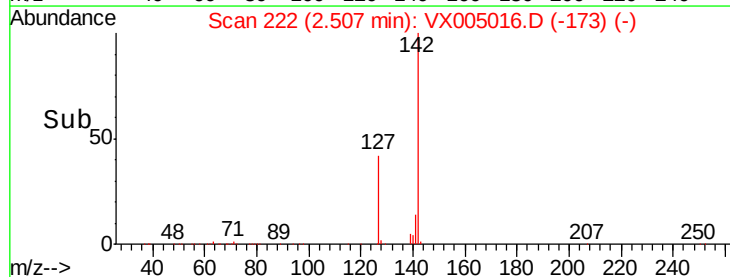
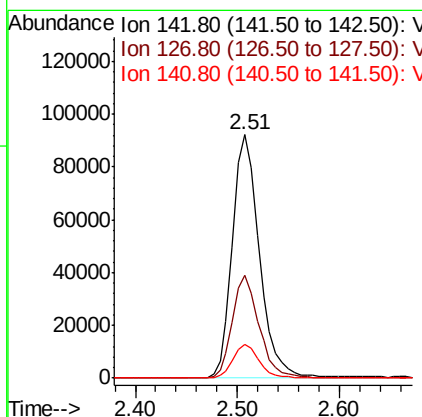
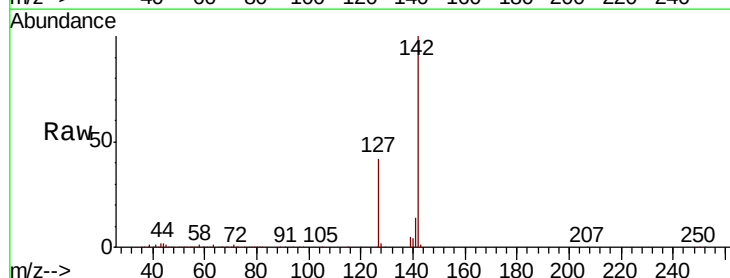
RT: 2.51 min Scan# 222

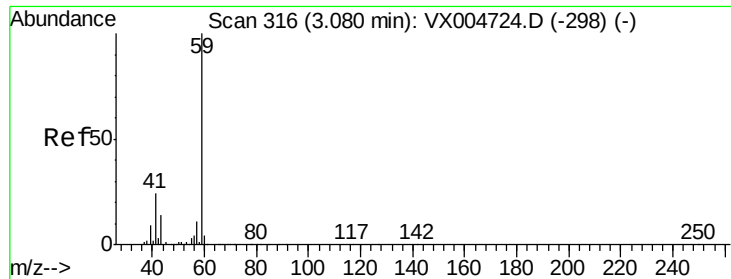
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 168819 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.2  | 30.1  | 45.1   |
| 141       | 13.8  | 10.1  | 15.1   |





#11

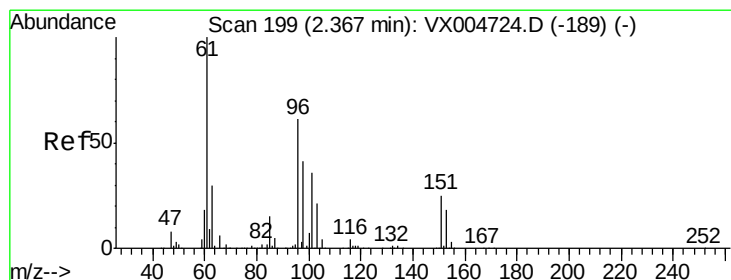
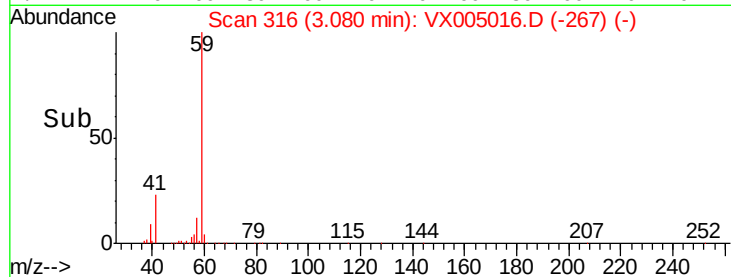
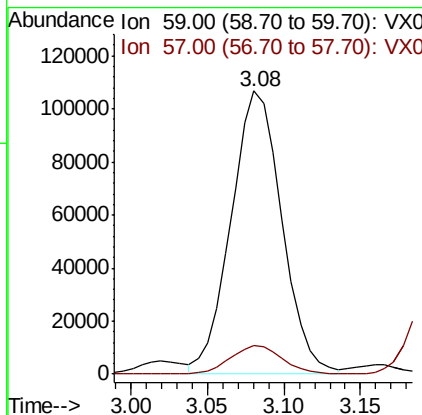
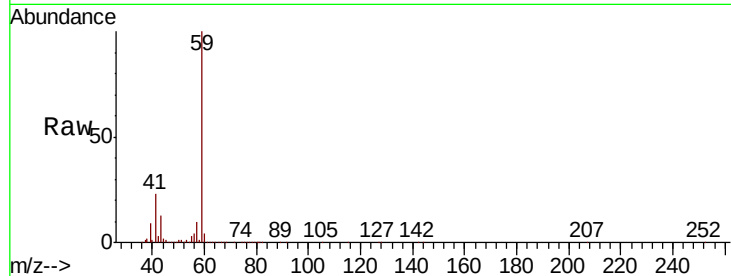
Tert butyl alcohol  
 Concen: 251.554 ug/l  
 RT: 3.08 min Scan# 316  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.6   | 12.8  |

Manual Integrations  
 APPROVED

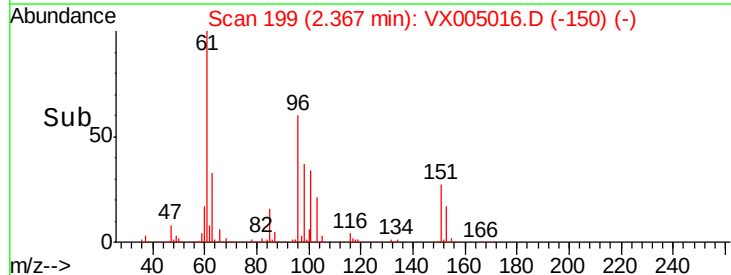
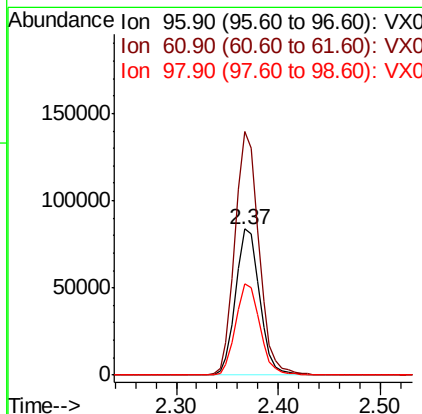
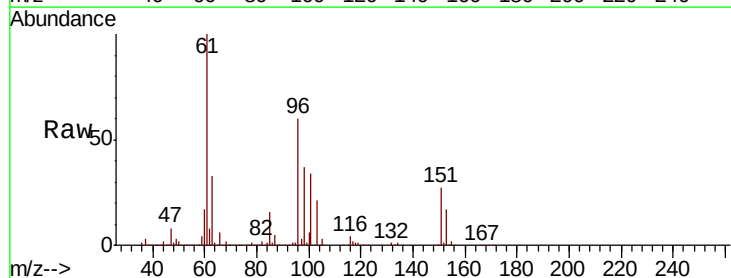
MMDadoda  
 10/5/2018 3:24:50 PM

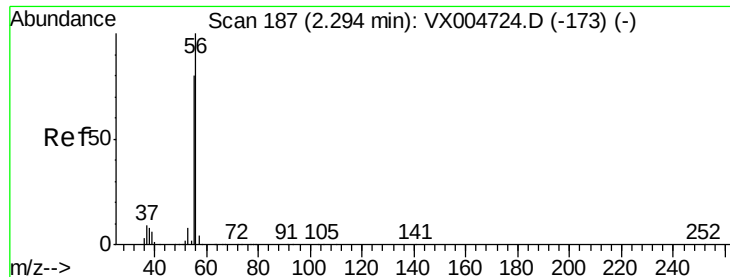


#12

1,1-Dichloroethene  
 Concen: 51.408 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 166.9 | 130.2 | 195.4 |
| 98      | 62.4  | 53.4  | 80.0  |





#13

Acrolein

Concen: 136.999 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 95458

Ion Ratio Lower Upper

56 100

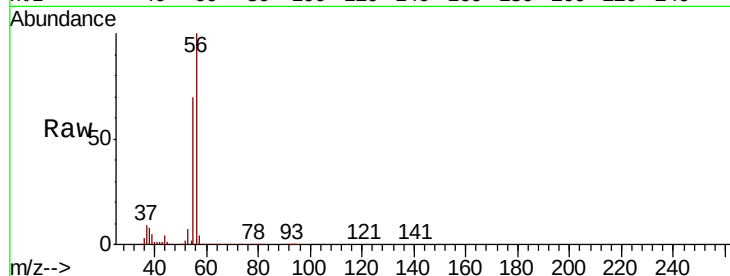
55 70.5 63.4 95.2

Manual Integrations

APPROVED

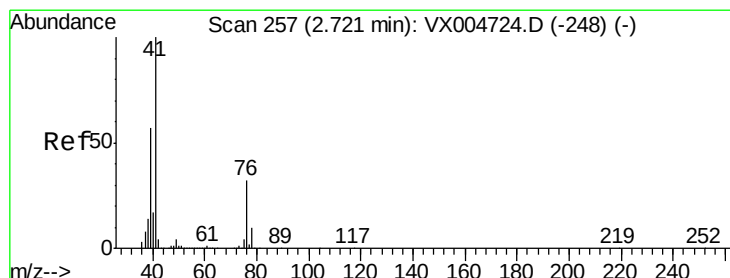
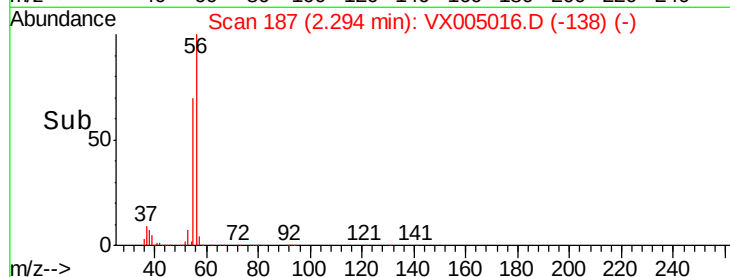
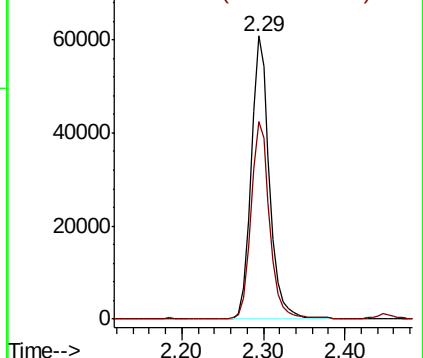
MMDadoda

10/5/2018 3:24:50 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.362 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

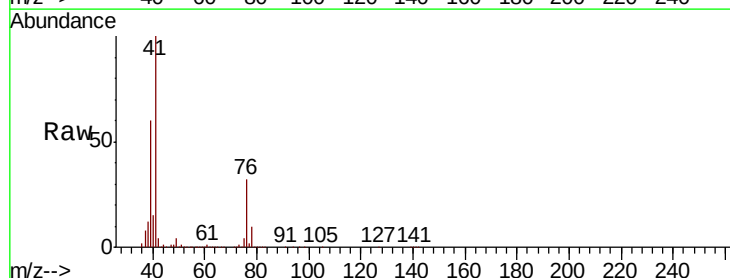
Tgt Ion: 41 Resp: 303516

Ion Ratio Lower Upper

41 100

39 57.8 44.1 66.1

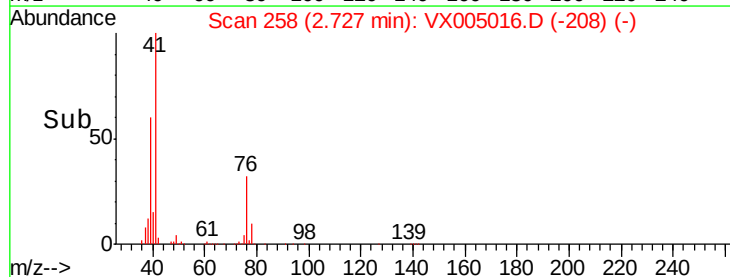
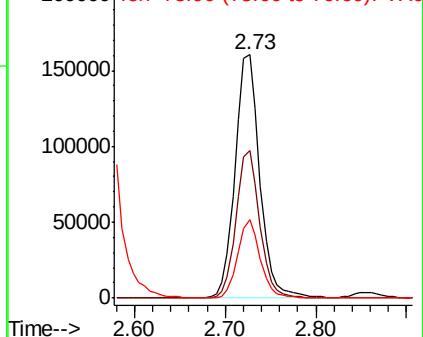
76 29.5 25.0 37.4

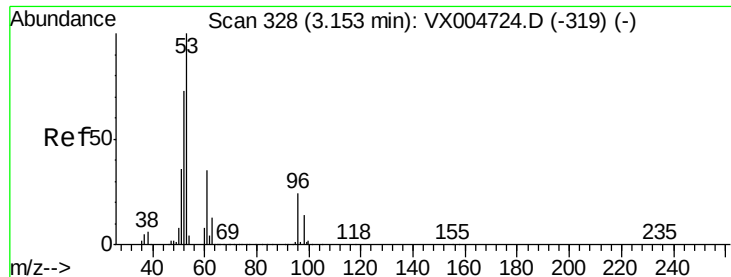


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 263.528 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

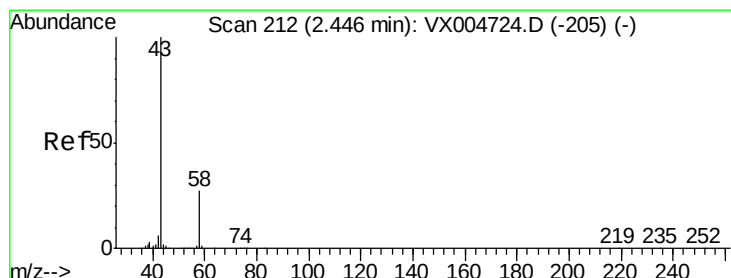
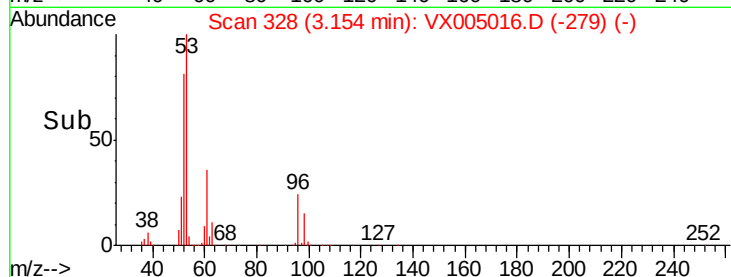
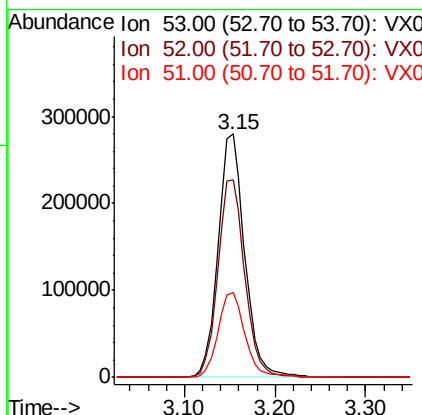
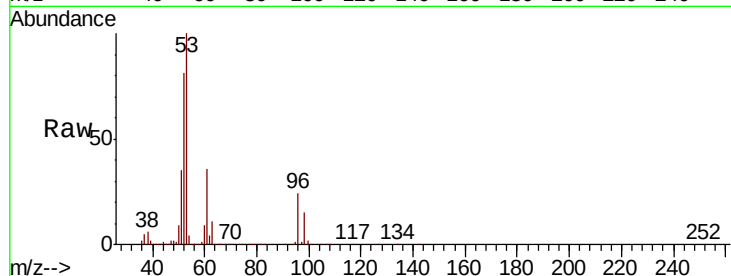
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.4  | 63.0  | 94.4  |
| 51      | 35.4  | 28.6  | 42.8  |

Manual Integrations  
APPROVED

MMDadoda  
10/5/2018 3:24:50 PM



#16

Acetone

Concen: 236.997 ug/l

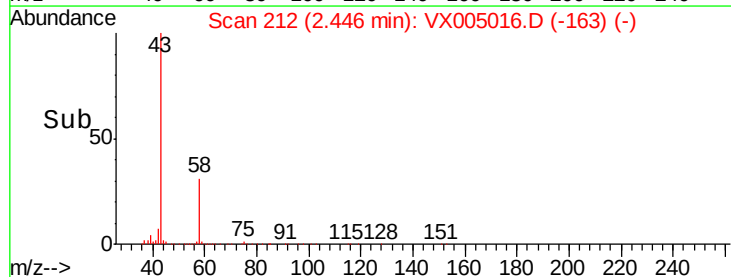
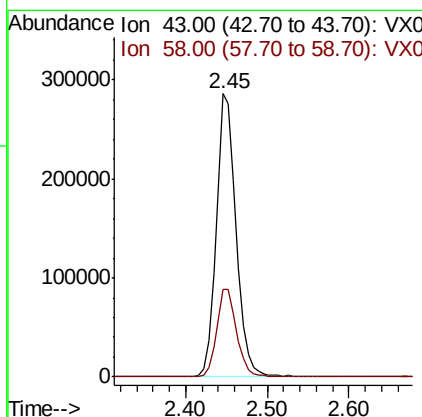
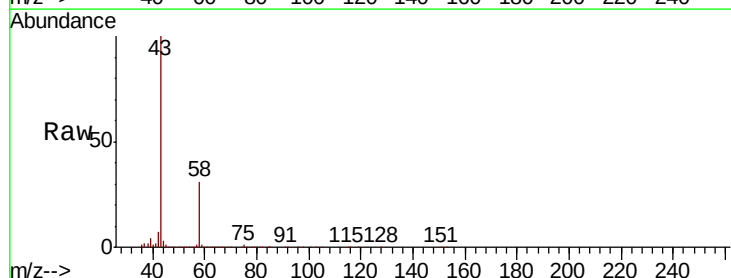
RT: 2.45 min Scan# 212

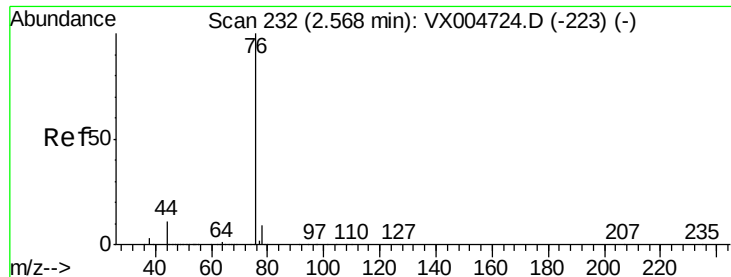
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.2  | 21.8  | 32.6  |





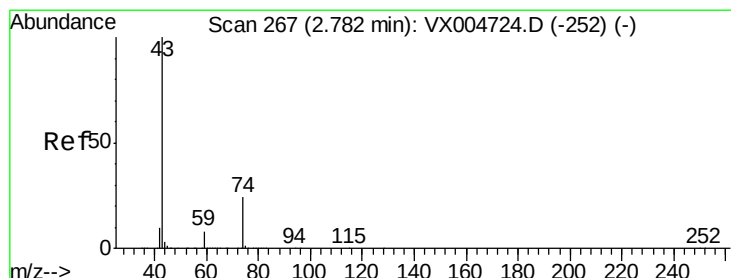
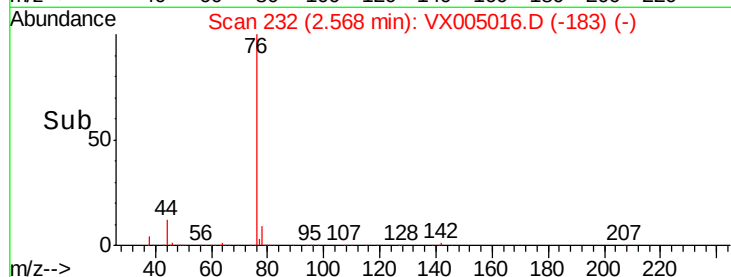
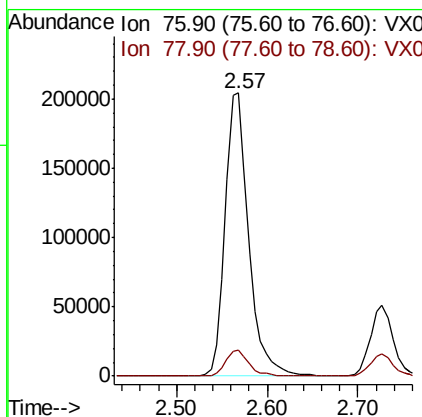
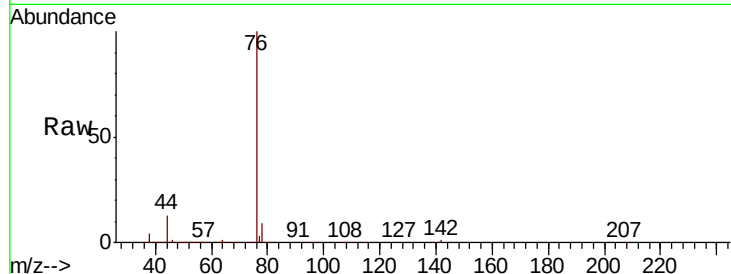
#17  
Carbon Disulfide  
Concen: 46.242 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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

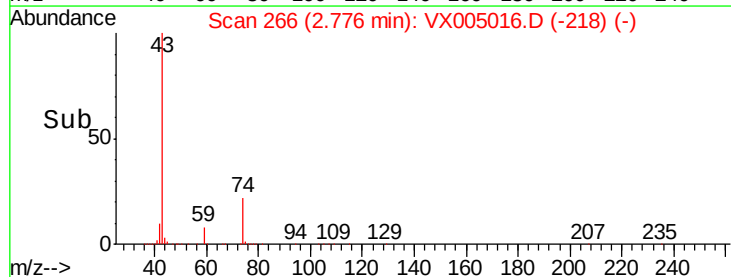
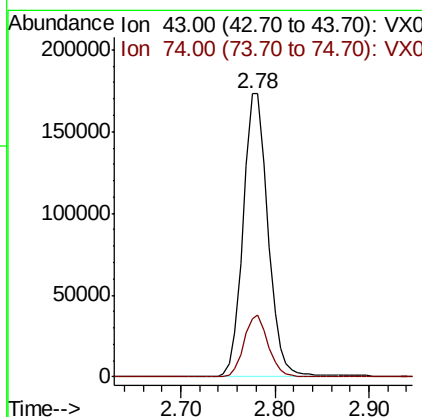
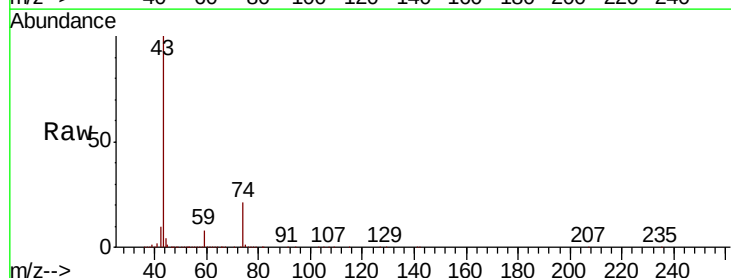
Manual Integrations  
APPROVED

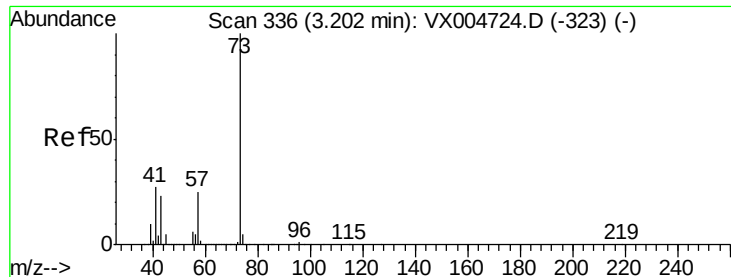
MMDadoda  
10/5/2018 3:24:50 PM



#18  
Methyl Acetate  
Concen: 61.105 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.7  | 17.8  | 26.8  |





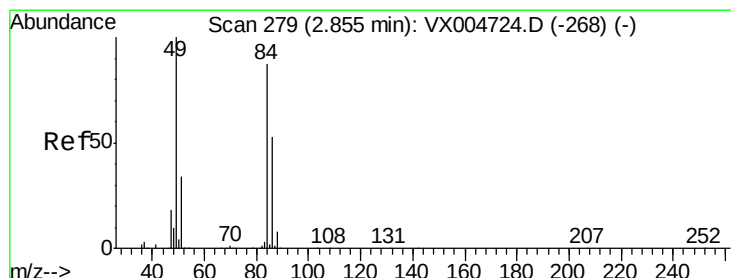
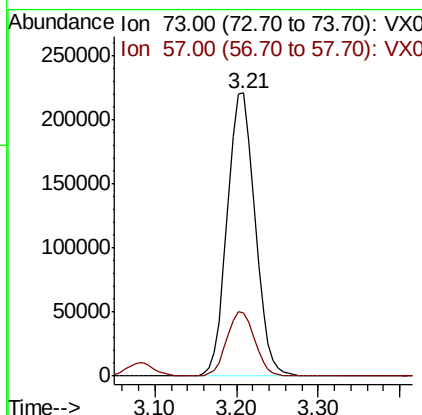
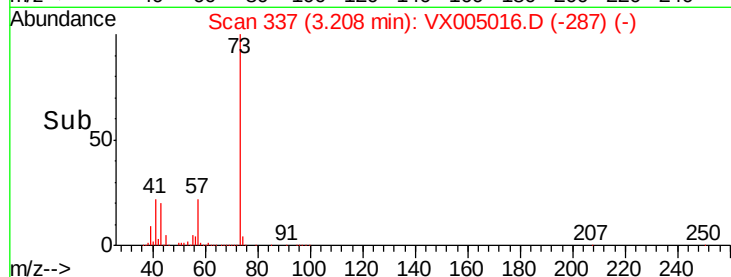
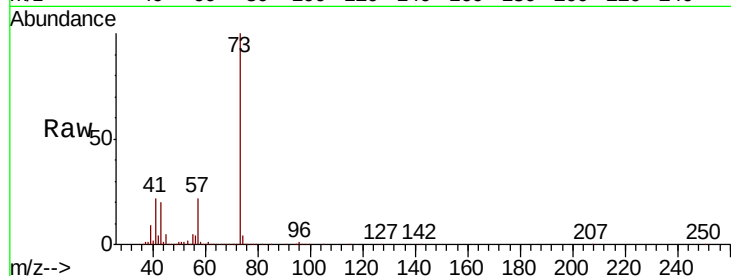
#19  
Methyl tert-butyl Ether  
Concen: 56.981 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 19.9  | 29.9  |

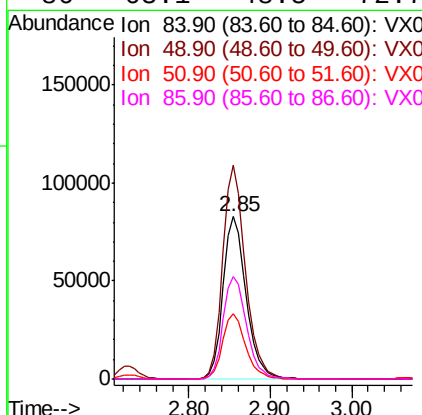
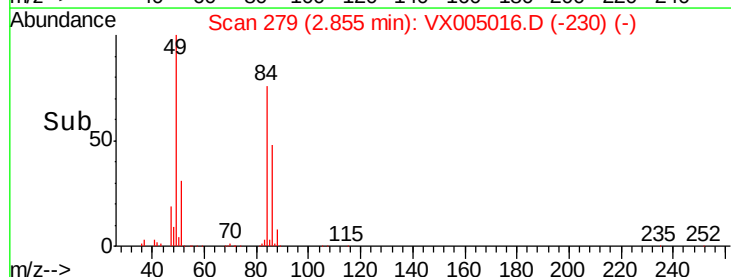
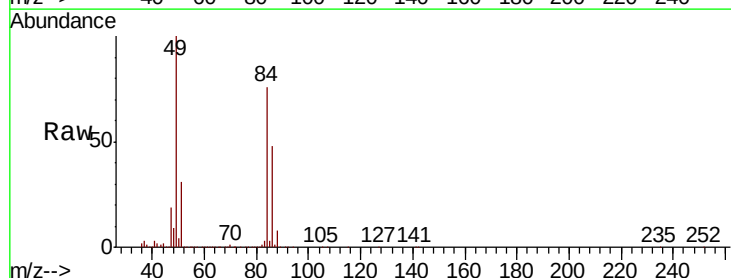
Manual Integrations  
APPROVED

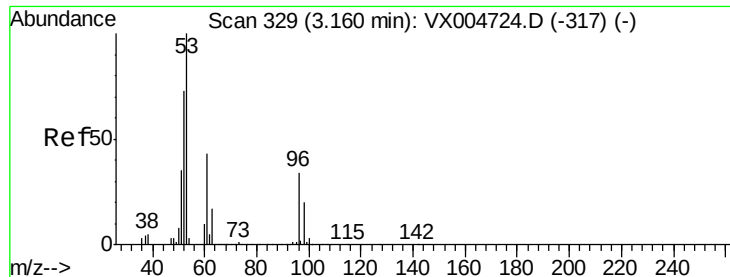
MMDadoda  
10/5/2018 3:24:50 PM



#20  
Methylene Chloride  
Concen: 54.539 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 131.8 | 92.3  | 138.5 |
| 51      | 40.6  | 31.8  | 47.6  |
| 86      | 63.1  | 48.5  | 72.7  |





#21

trans-1,2-Dichloroethene

Concen: 50.613 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

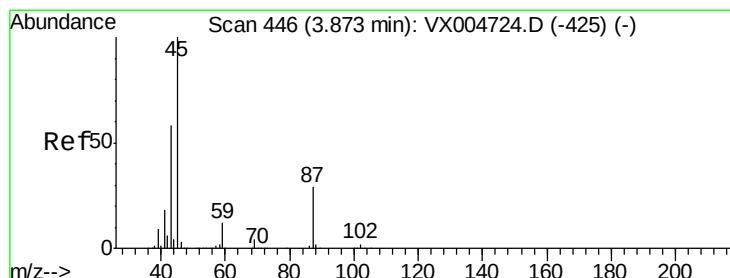
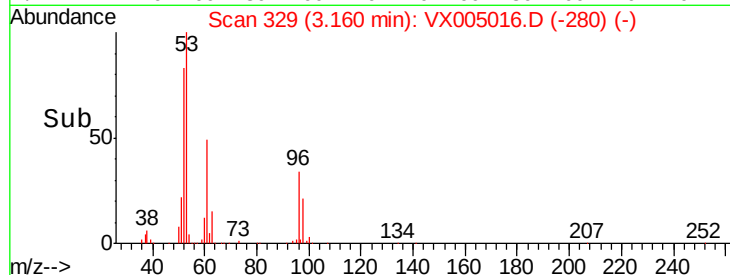
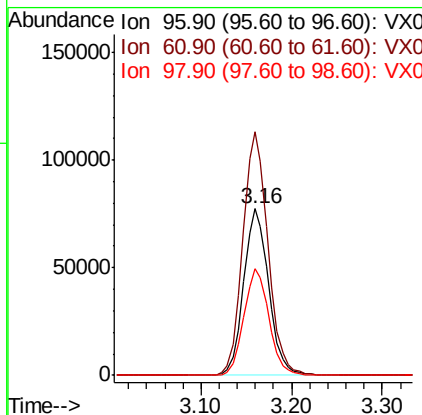
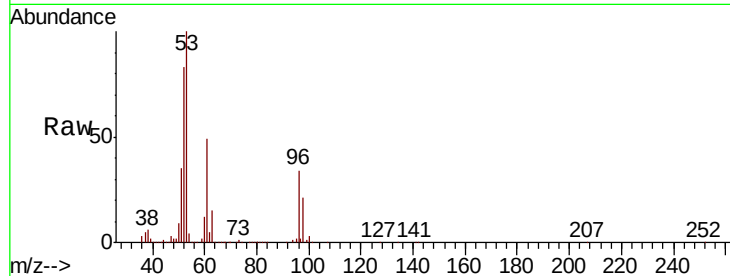
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 147192 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 146.0 | 101.0 | 151.6  |
| 98       | 63.9  | 47.2  | 70.8   |

Manual Integrations  
APPROVED

MMDadoda  
10/5/2018 3:24:50 PM



#22

Diisopropyl ether

Concen: 54.404 ug/l

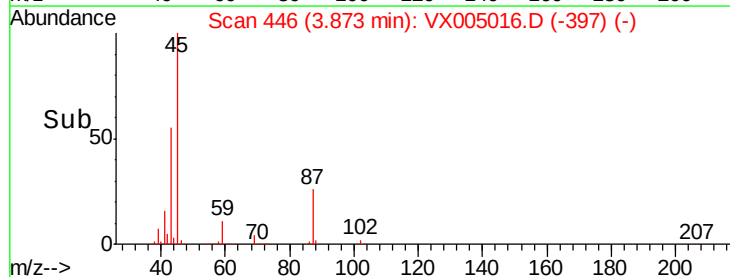
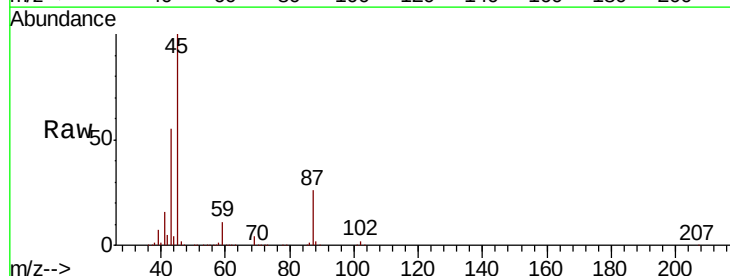
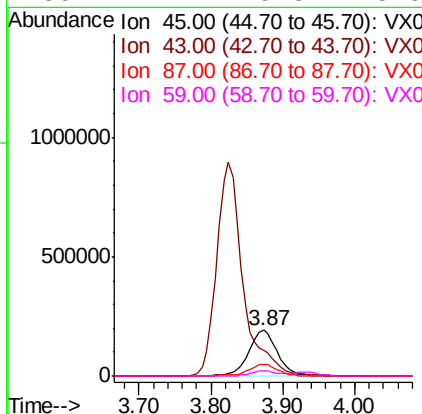
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

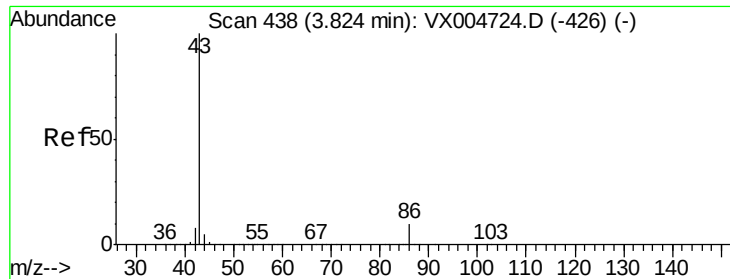
Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 531035 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.0  | 46.7  | 70.1   |
| 87       | 25.9  | 22.9  | 34.3   |
| 59       | 11.4  | 9.3   | 13.9   |







#23

Vinyl Acetate

Concen: 256.655 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2293140

Ion Ratio Lower Upper

43 100

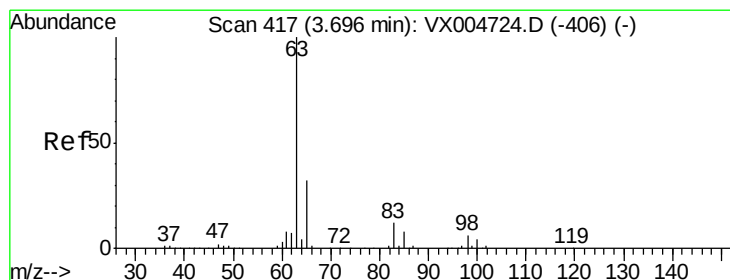
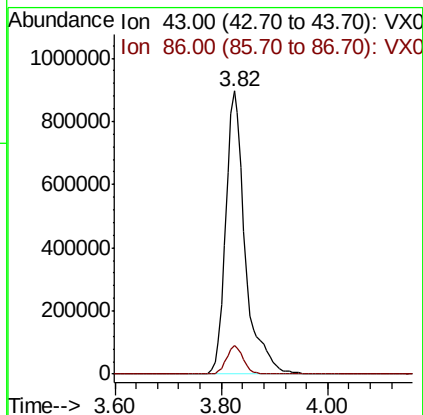
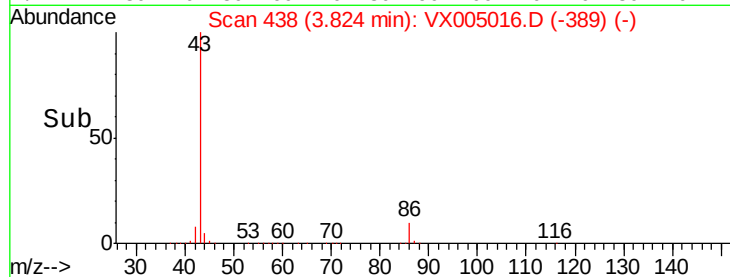
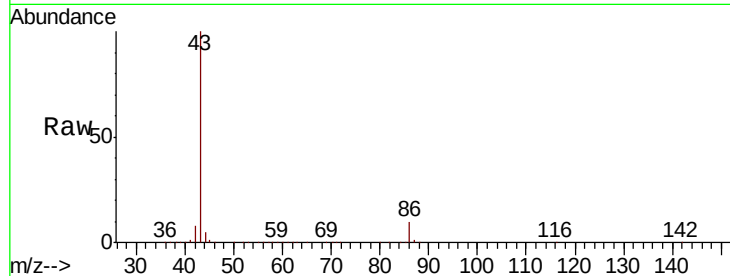
86 10.0 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

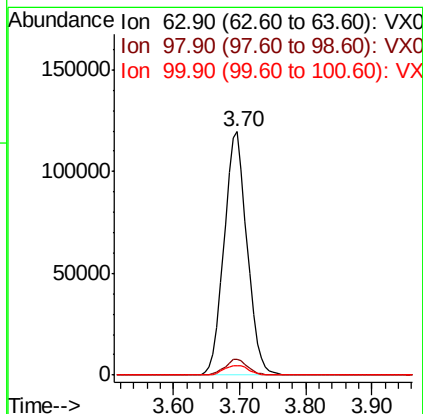
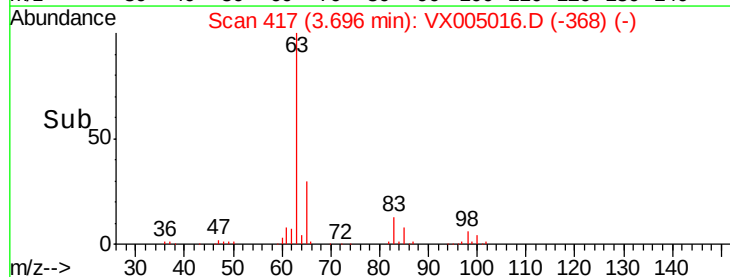
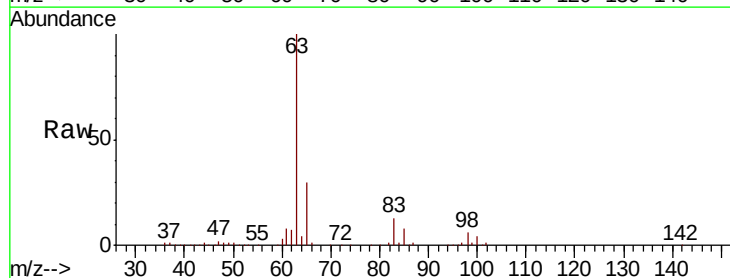
Tgt Ion: 63 Resp: 287094

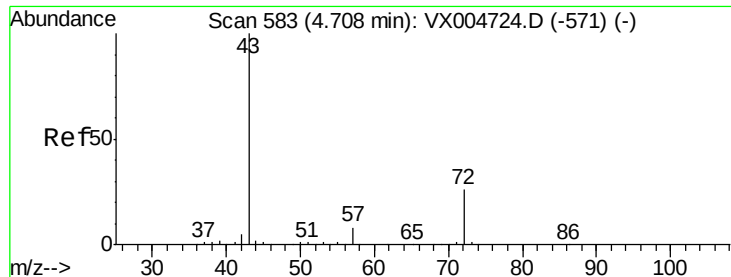
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 251.575 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 758269

Ion Ratio Lower Upper

43 100

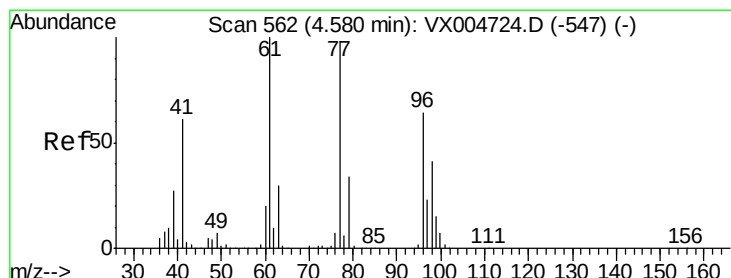
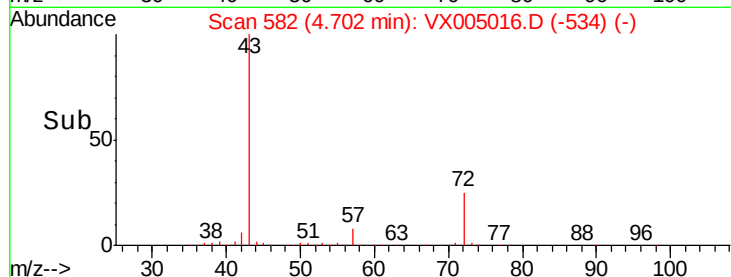
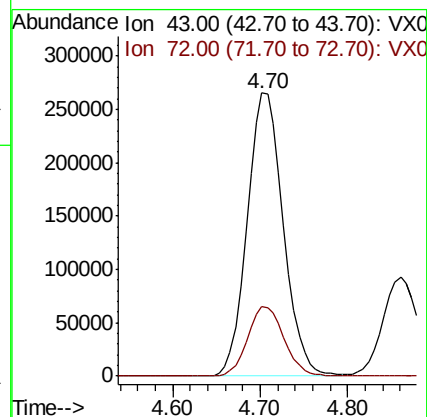
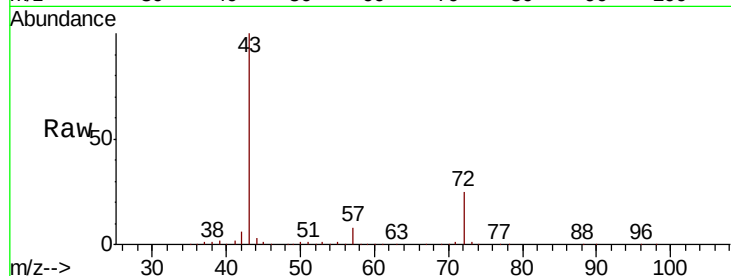
72 24.7 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.856 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005016.D

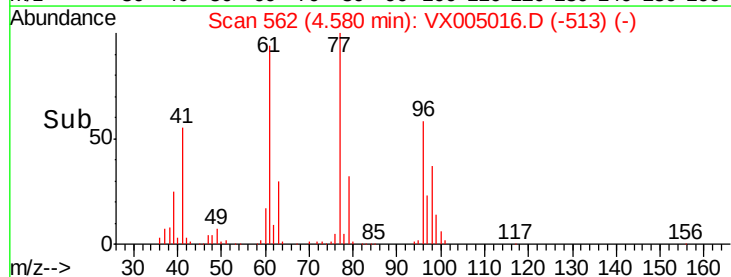
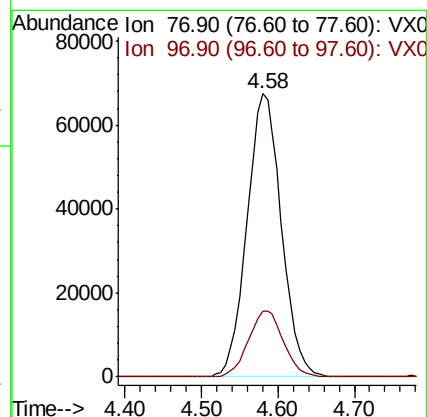
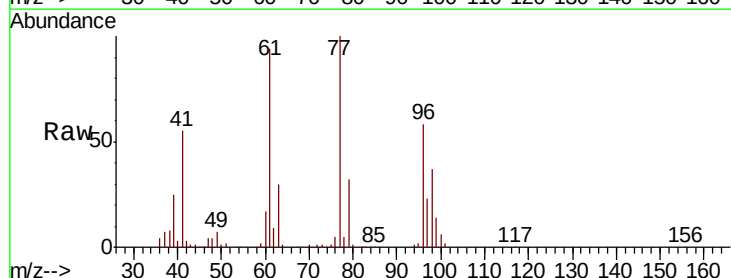
Acq: 04 Oct 2018 13:08

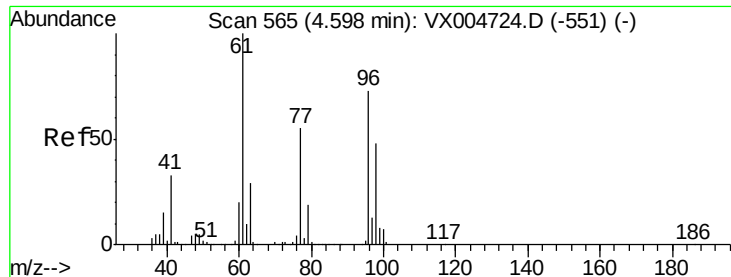
Tgt Ion: 77 Resp: 210253

Ion Ratio Lower Upper

77 100

97 23.9 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 51.070 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

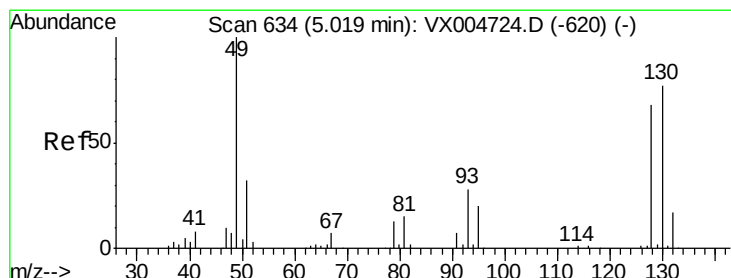
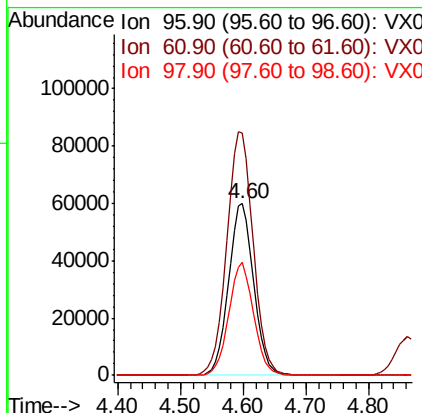
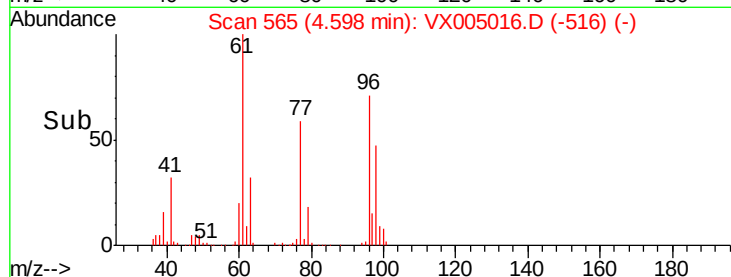
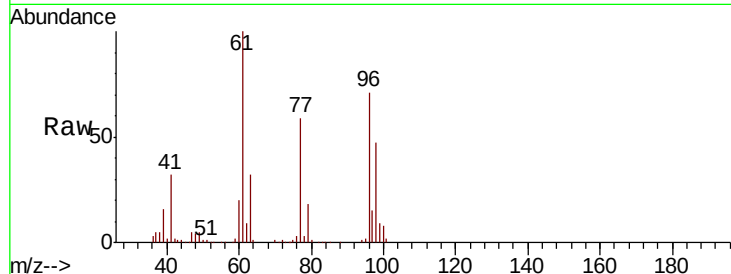
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 165917 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 149.6 | 0.0   | 285.8  |
| 98        | 65.1  | 0.0   | 136.2  |

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#28

Bromochloromethane

Concen: 47.905 ug/l

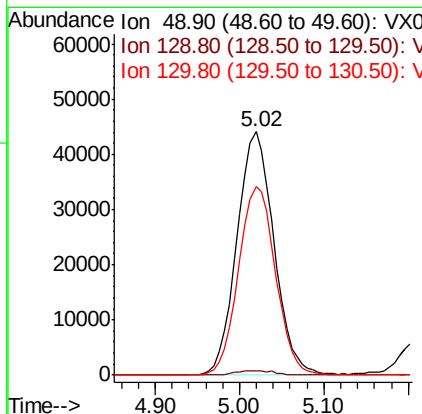
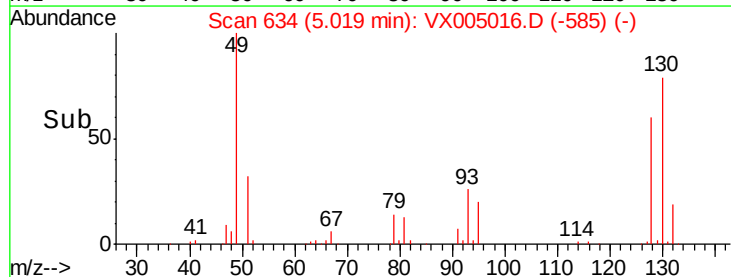
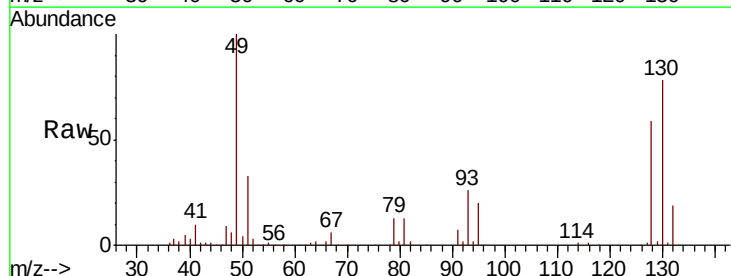
RT: 5.02 min Scan# 634

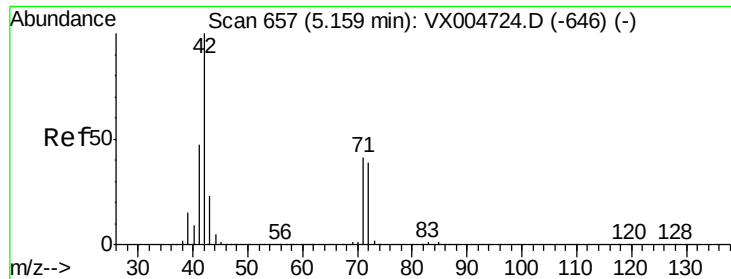
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 131349 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 2.0   | 0.0   | 4.2    |
| 130       | 77.4  | 62.0  | 93.0   |





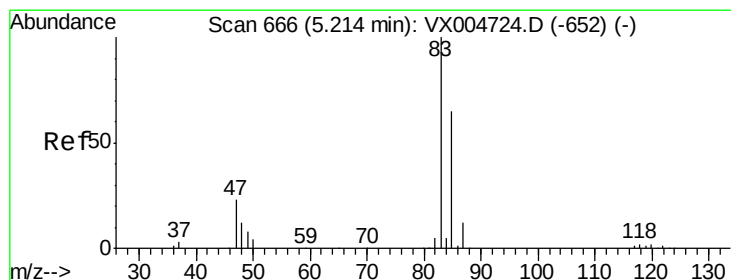
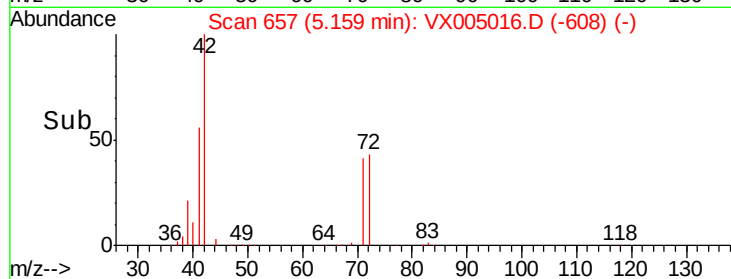
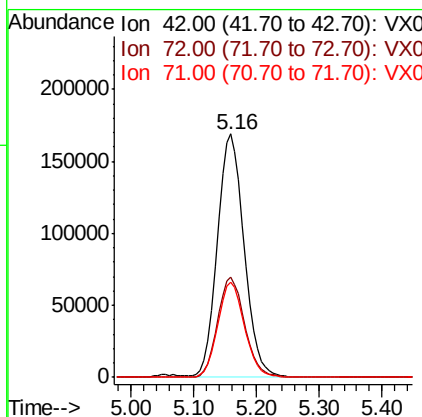
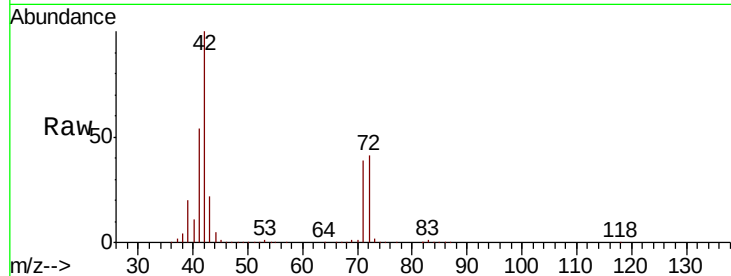
#29  
Tetrahydrofuran  
Concen: 265.675 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.8  | 33.7  | 50.5  |
| 71      | 39.2  | 32.2  | 48.4  |

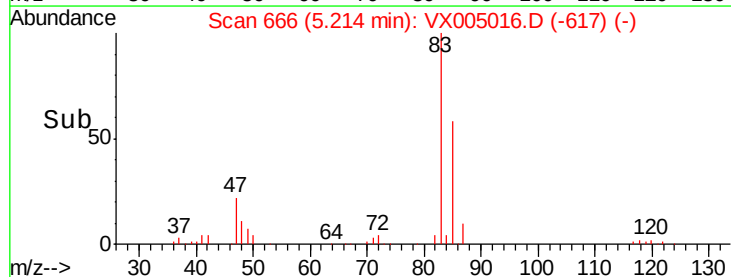
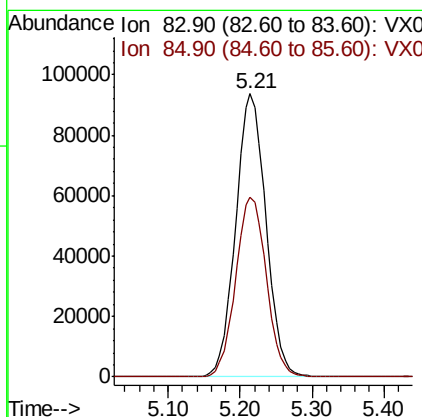
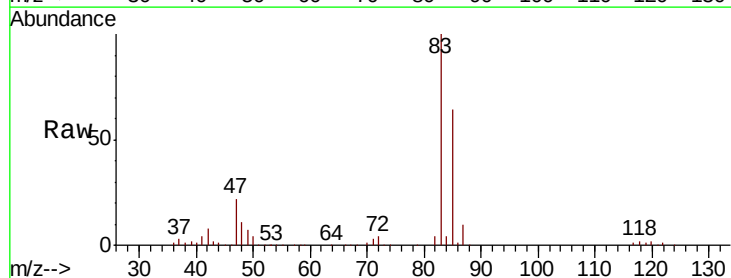
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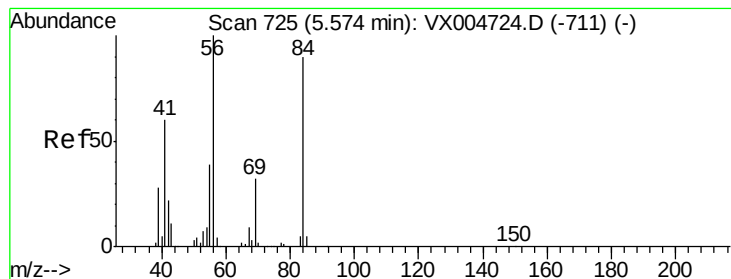
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#30  
Chloroform  
Concen: 49.704 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 52.4  | 78.6  |





#31

Cyclohexane

Concen: 55.219 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 246078

Ion Ratio Lower Upper

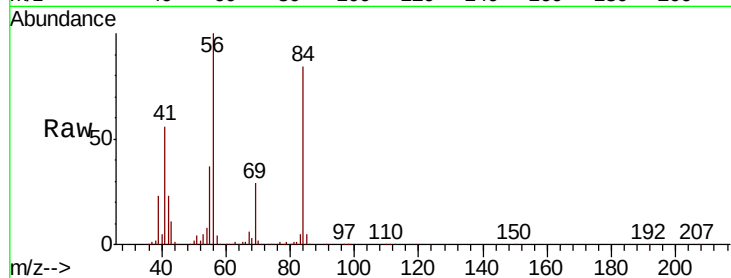
56 100

69 29.3 25.9 38.9

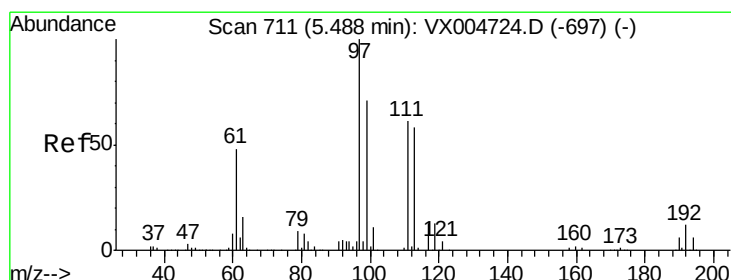
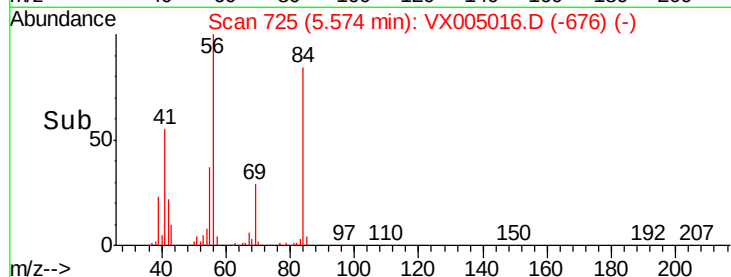
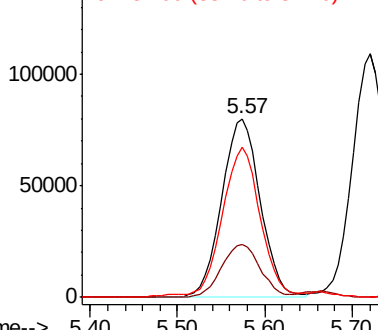
84 82.6 71.9 107.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.449 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

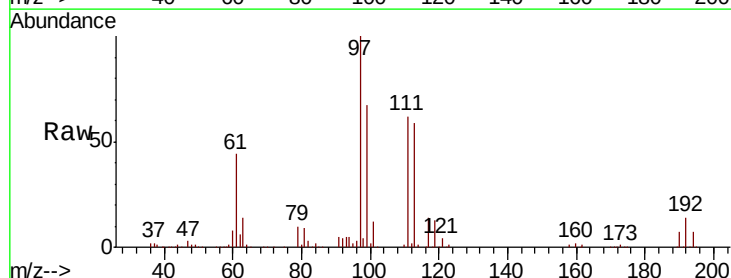
Tgt Ion: 97 Resp: 231215

Ion Ratio Lower Upper

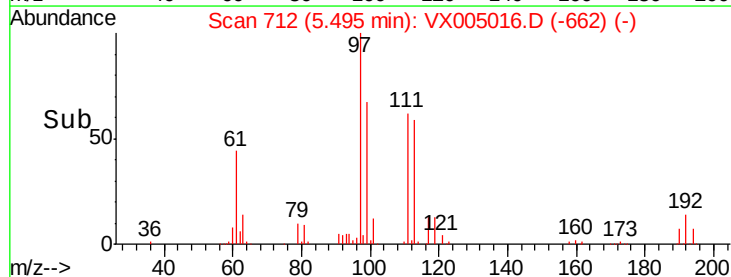
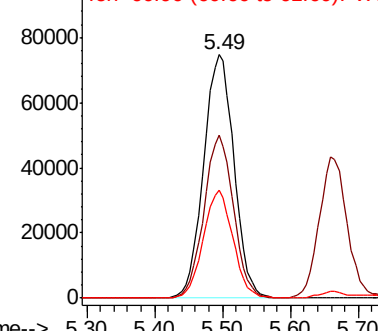
97 100

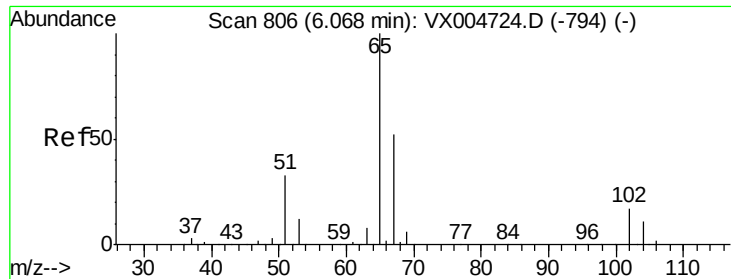
99 65.2 54.6 82.0

61 43.4 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





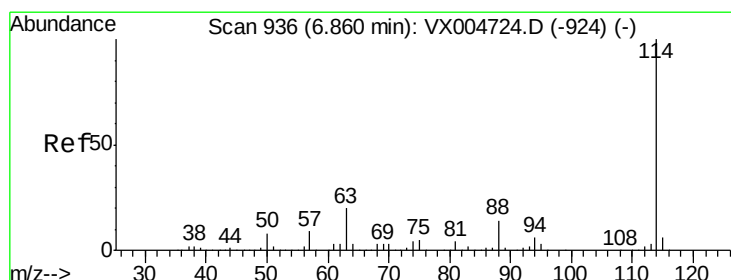
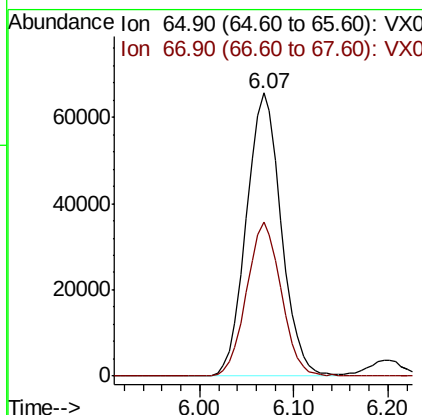
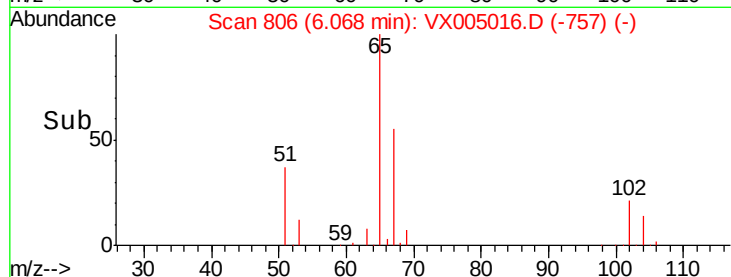
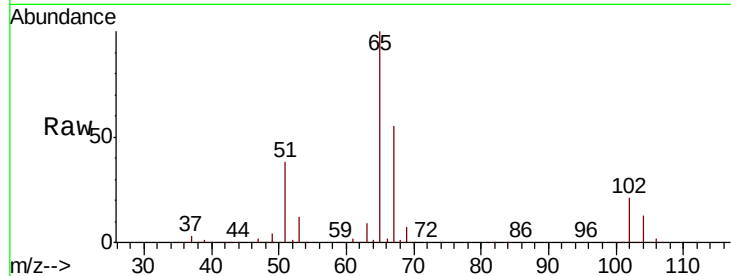
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.415 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 169572  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 107.4

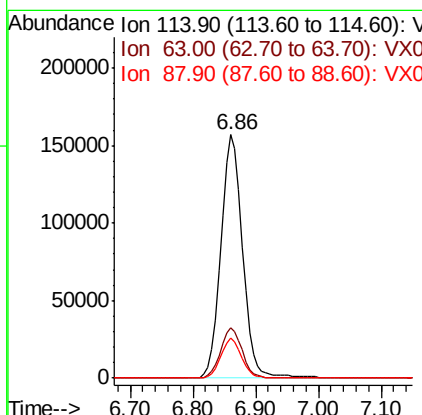
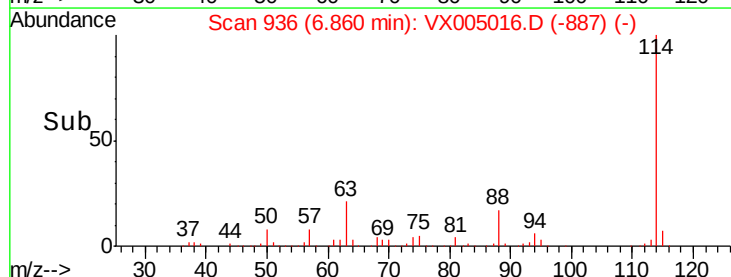
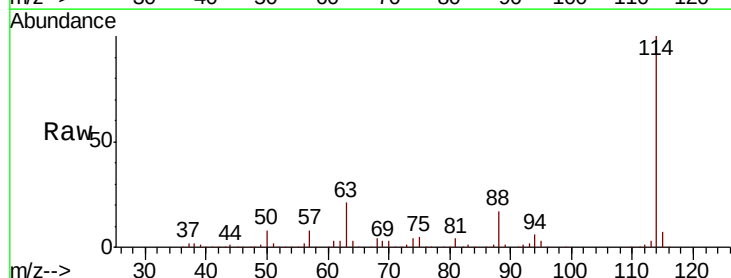
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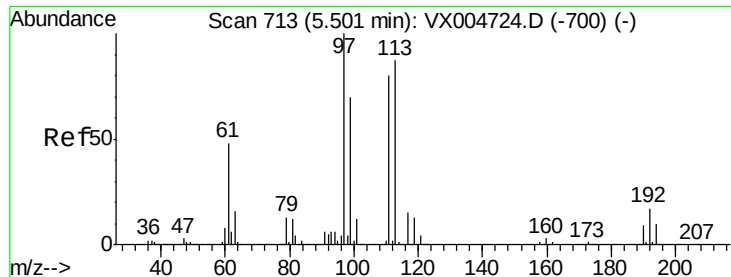
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Tgt Ion: 114 Resp: 376783  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 39.8  
 88 16.5 0.0 27.0





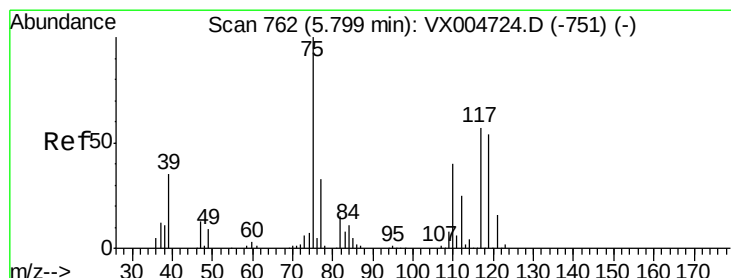
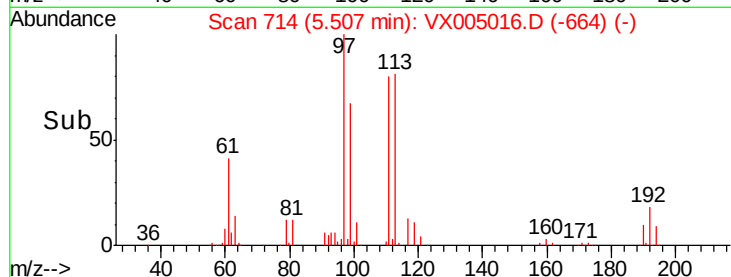
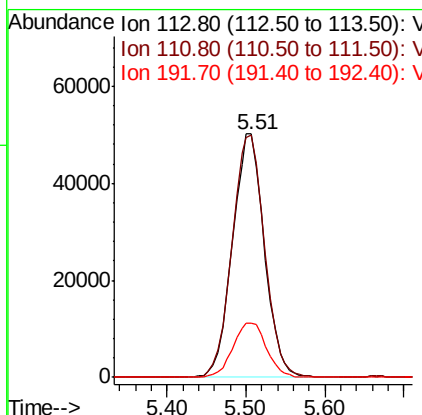
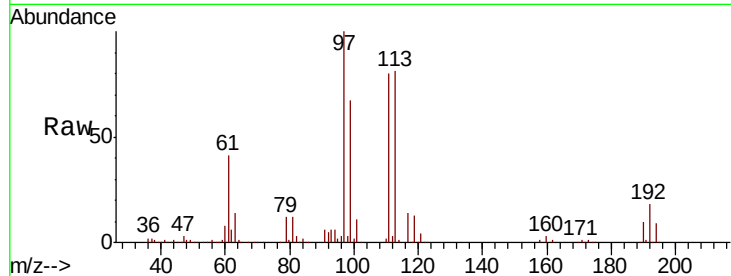
#35  
Dibromofluoromethane  
Concen: 44.057 ug/l  
RT: 5.51 min Scan# 714  
Delta R.T. 0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 77.0  | 115.4 |
| 192     | 23.4  | 17.0  | 25.6  |

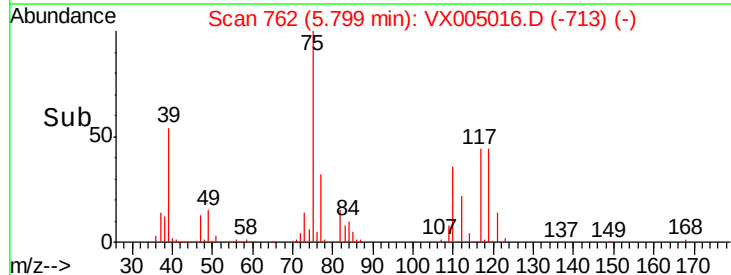
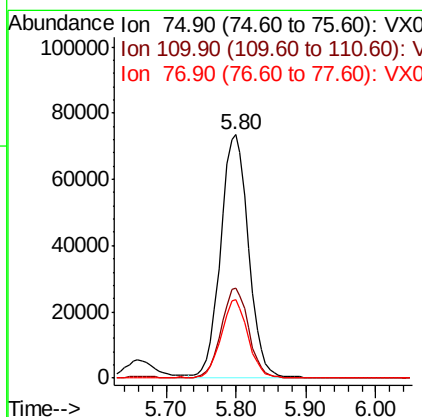
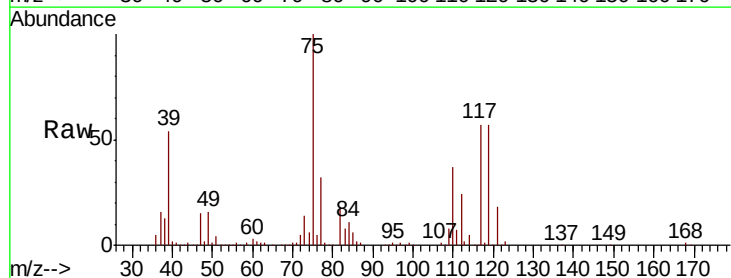
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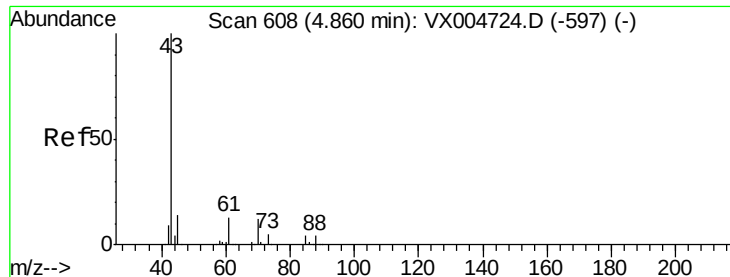
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 46.533 ug/l  
RT: 5.80 min Scan# 762  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 20.0  | 59.9  |
| 77      | 31.2  | 27.1  | 40.7  |





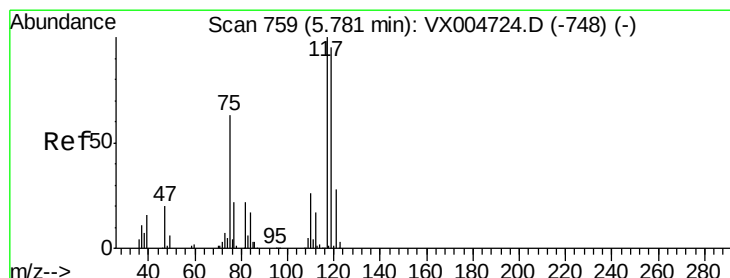
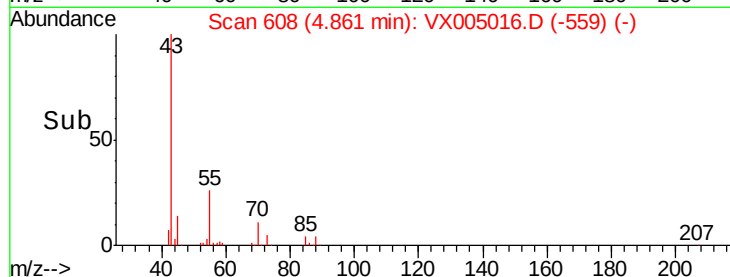
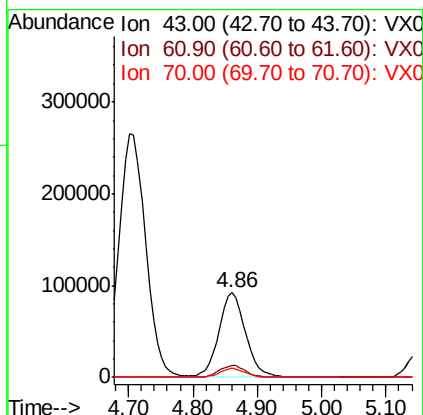
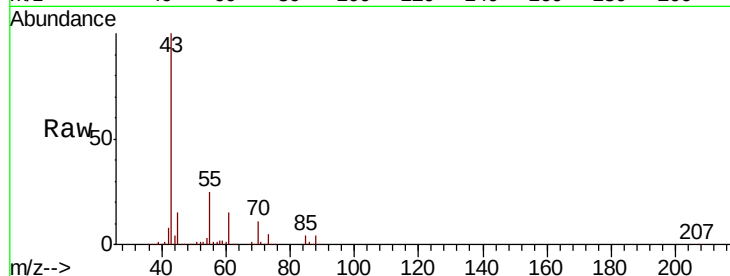
#37  
Ethyl Acetate  
Concen: 46.597 ug/l  
RT: 4.86 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 10.4  | 15.6  |
| 70      | 10.3  | 8.7   | 13.1  |

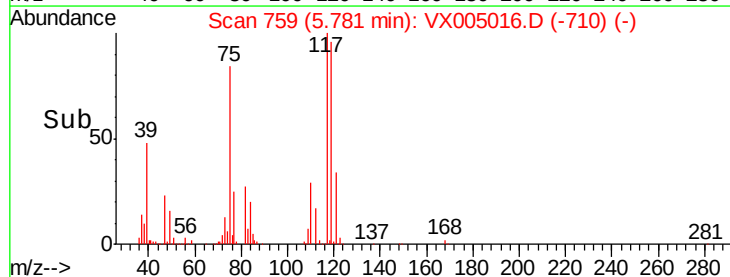
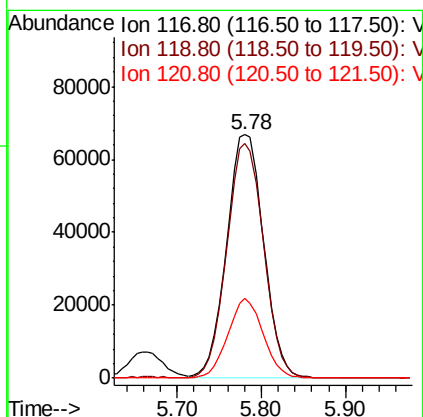
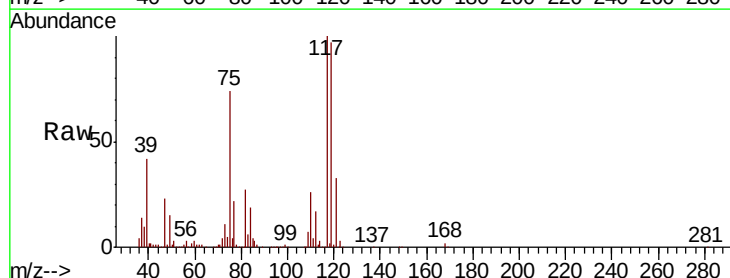
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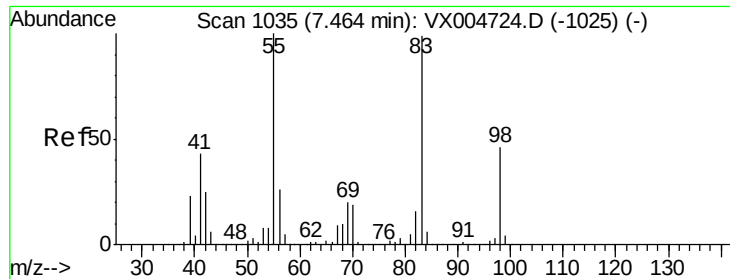


#38  
Carbon Tetrachloride  
Concen: 43.623 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 75.2  | 112.8 |
| 121     | 33.0  | 22.5  | 33.7  |







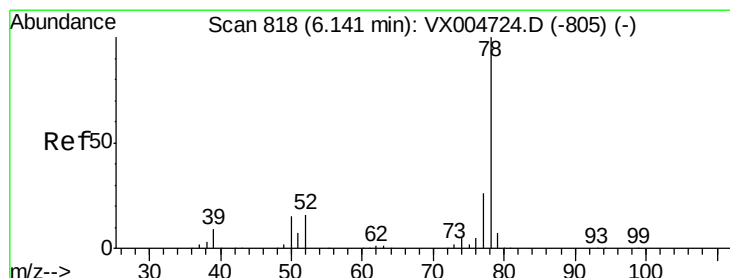
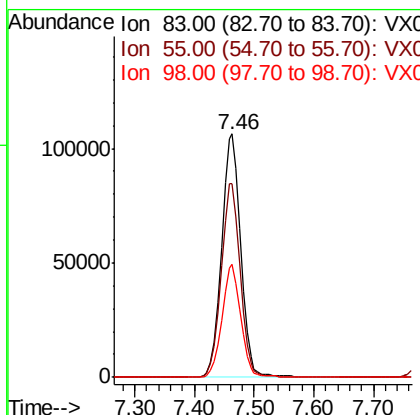
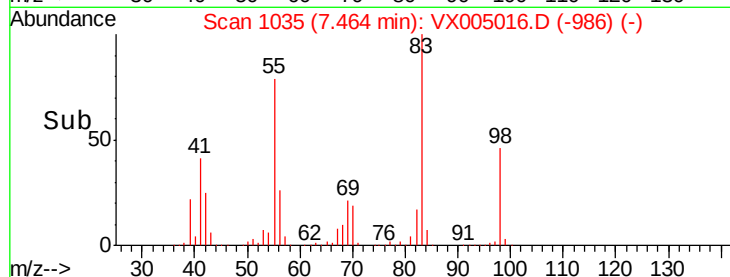
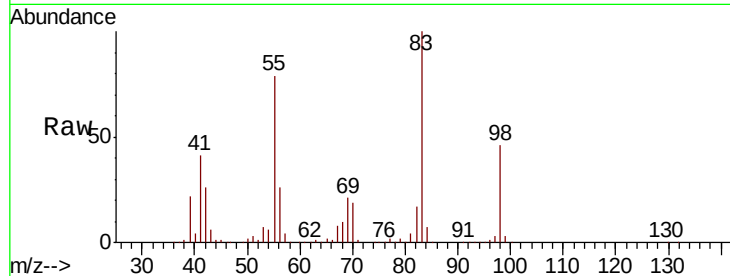
#39  
Methylvlcyclohexane  
Concen: 53.372 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 79.4  | 81.1  | 121.7# |
| 98      | 46.3  | 37.3  | 55.9   |

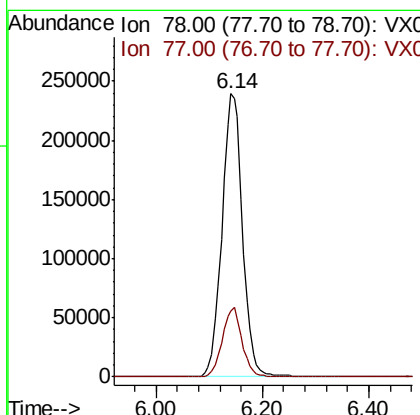
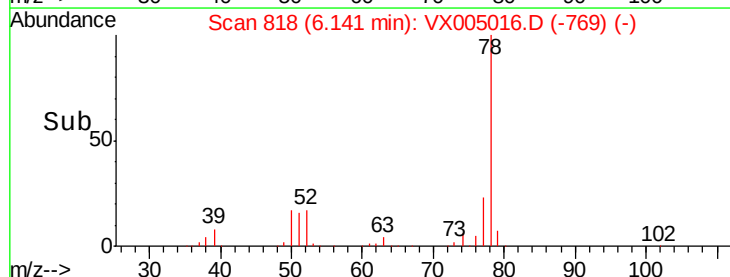
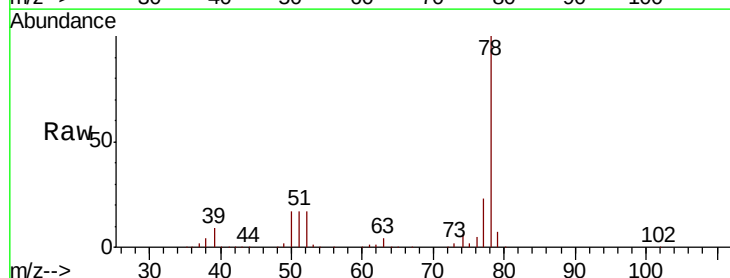
Manual Integrations  
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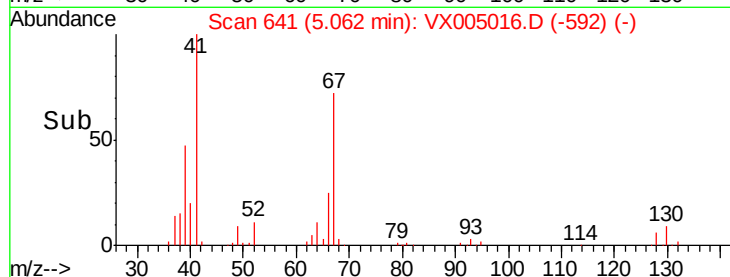
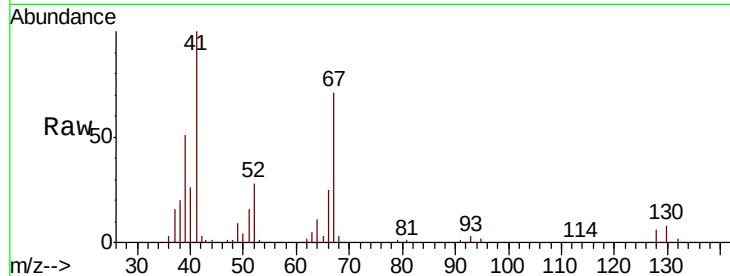
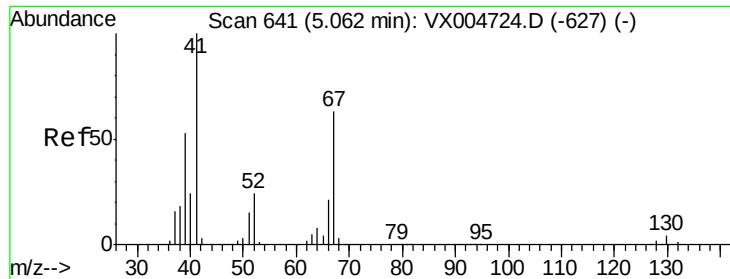
MMDadoda  
10/5/2018 3:24:50 PM



#40  
Benzene  
Concen: 47.320 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 21.0  | 31.4  |





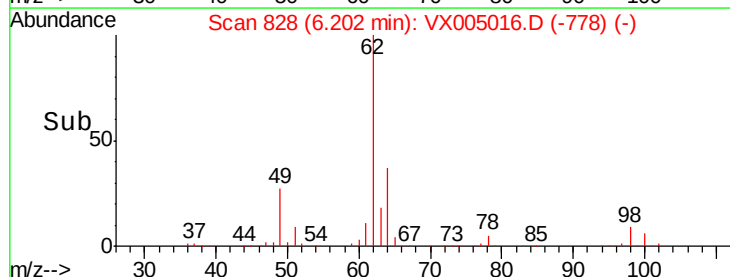
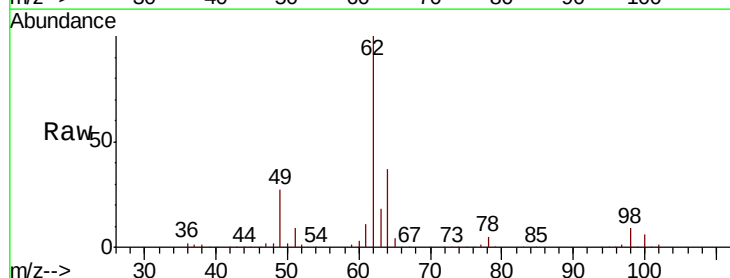
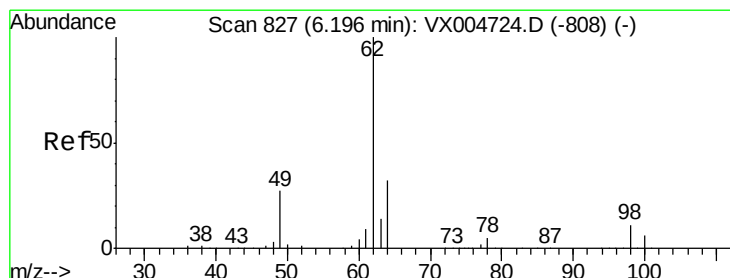
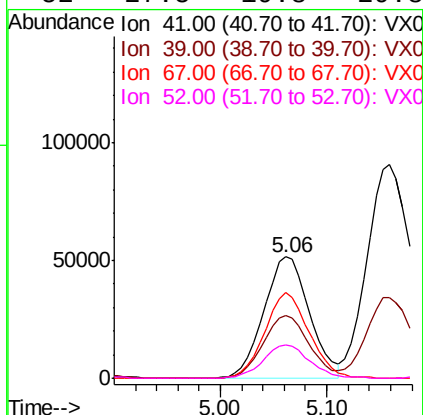
#41  
Methacrylonitrile  
Concen: 47.834 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 153417 |       |       |
| 39      | 51.9 | 42.5  | 63.7   |       |       |
| 67      | 69.0 | 53.0  | 79.6   |       |       |
| 52      | 27.5 | 19.8  | 29.8   |       |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

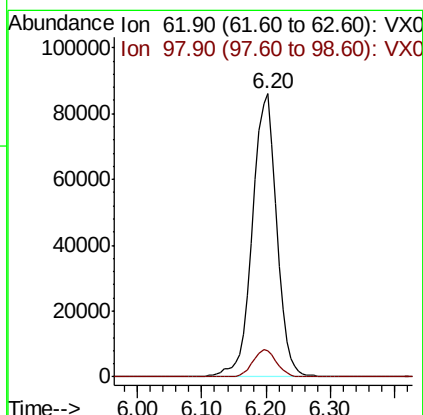
Manual Integrations  
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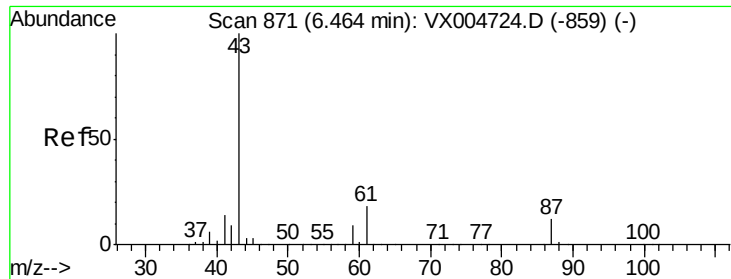
MMDadoda  
10/5/2018 3:24:50 PM



#42  
1,2-Dichloroethane  
Concen: 45.775 ug/l  
RT: 6.20 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 220720 |       |       |
| 98      | 9.4 | 0.0   | 20.2   |       |       |





#43

Isopropyl Acetate

Concen: 49.898 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

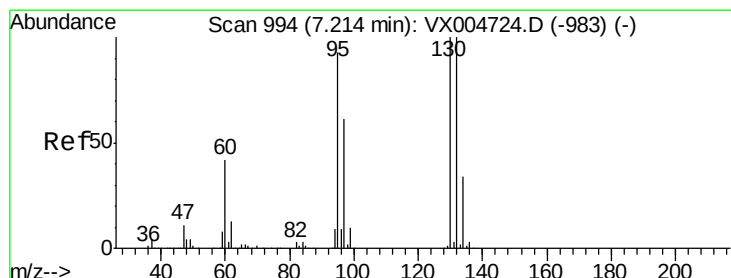
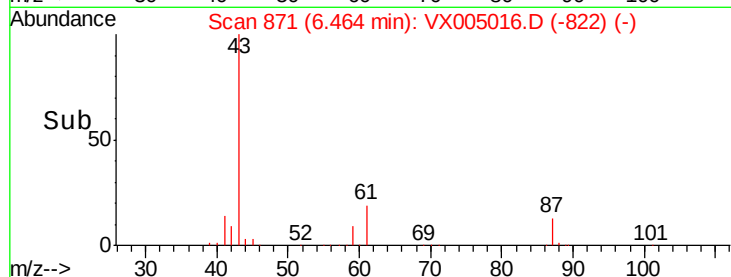
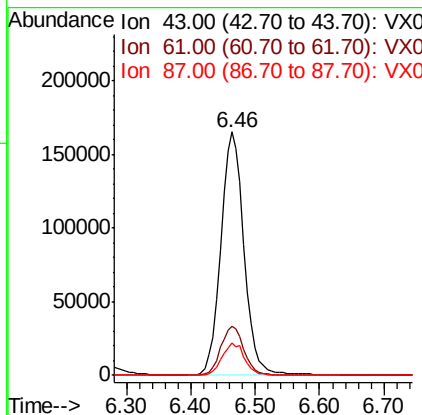
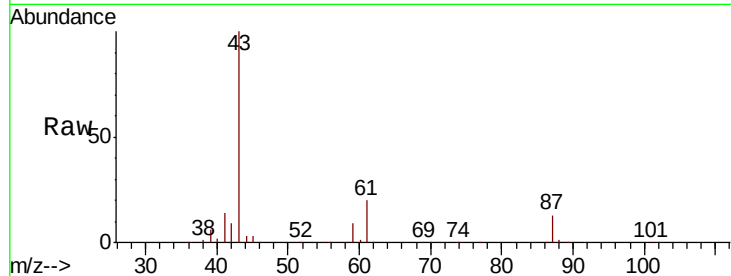
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 416512 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.4  | 14.2  | 21.4   |
| 87       | 13.1  | 9.3   | 13.9   |

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#44

Trichloroethene

Concen: 50.425 ug/l

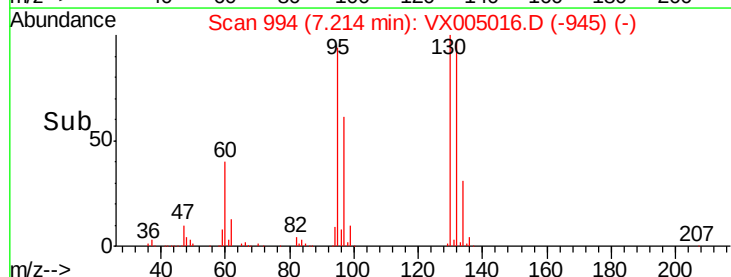
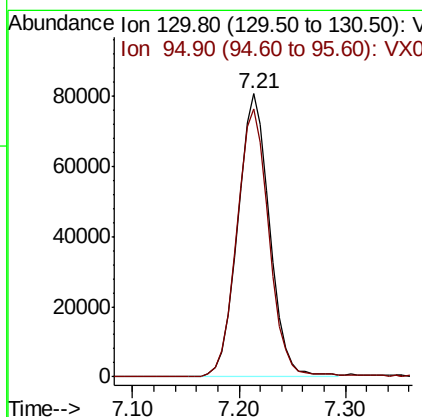
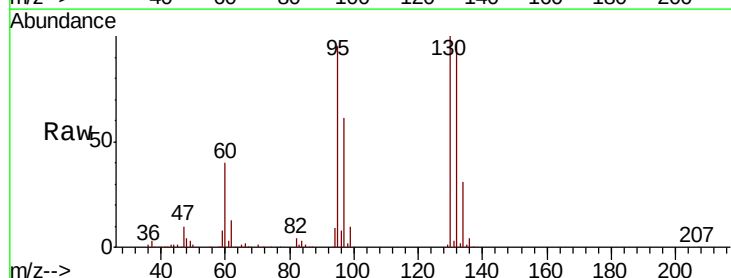
RT: 7.21 min Scan# 994

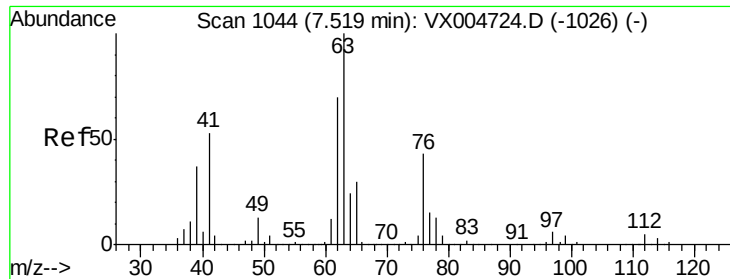
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 169080 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.6  | 0.0   | 186.8  |





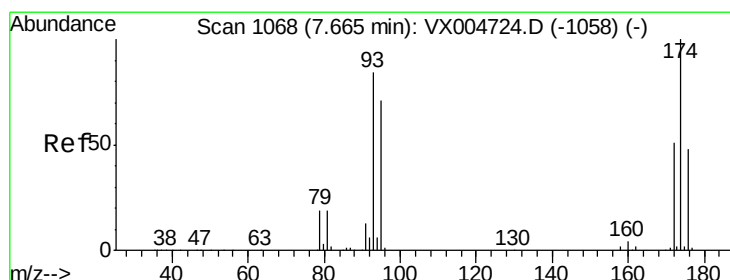
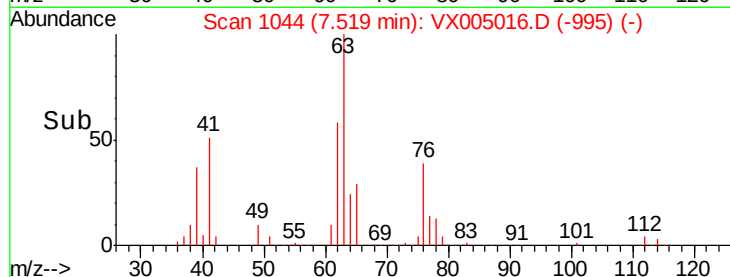
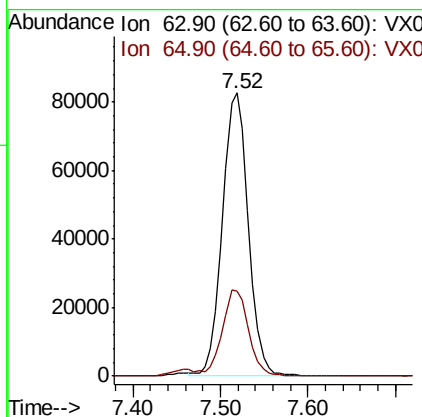
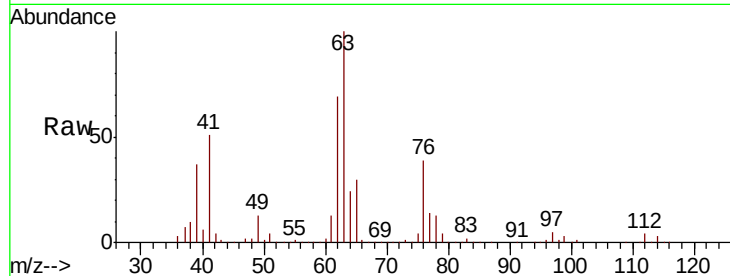
#45  
 1,2-Dichloropropane  
 Concen: 50.623 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 169329  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 23.9 35.9

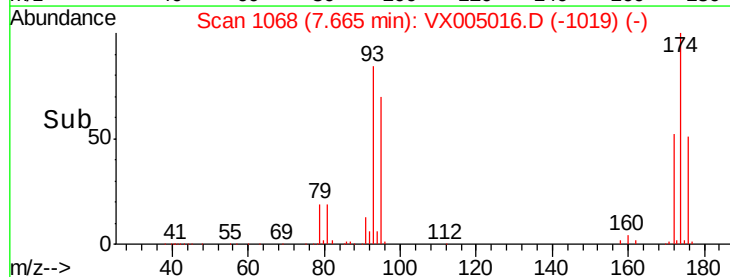
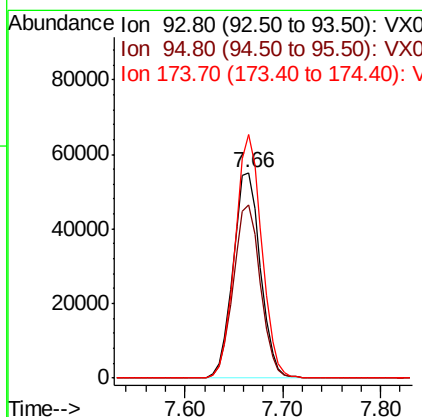
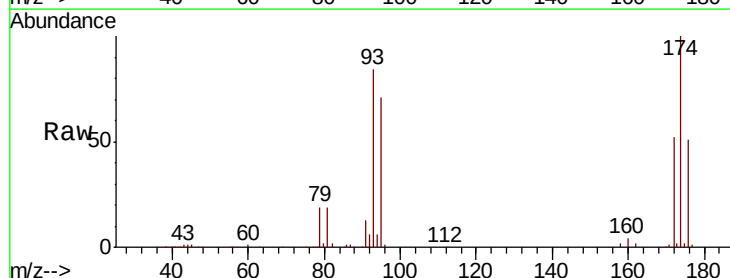
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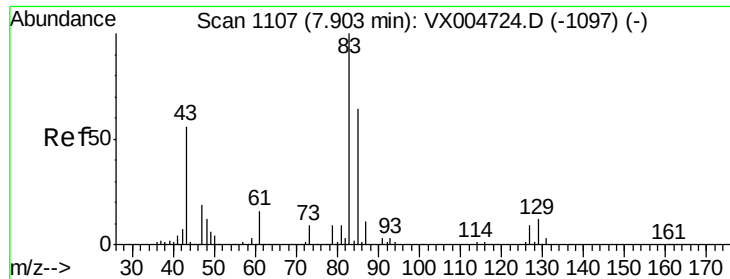
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#46  
 Dibromomethane  
 Concen: 50.709 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Tgt Ion: 93 Resp: 106599  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 66.7 100.1  
 174 115.9 92.7 139.1





#47

Bromodichloromethane

Concen: 52.079 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 204972

Ion Ratio Lower Upper

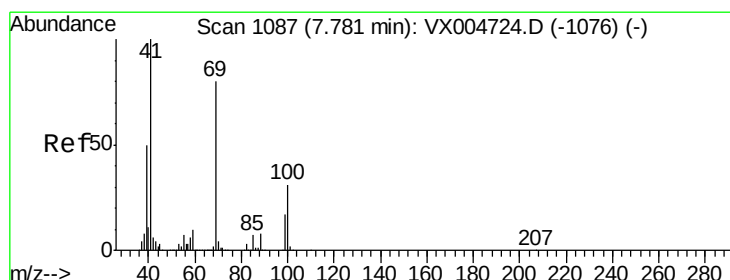
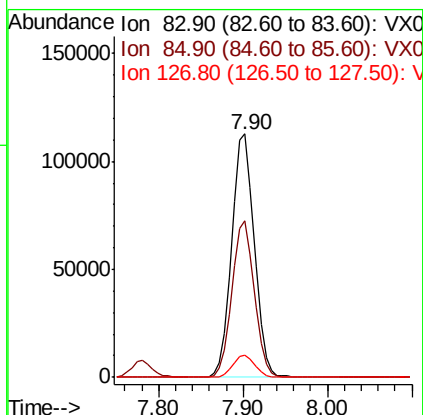
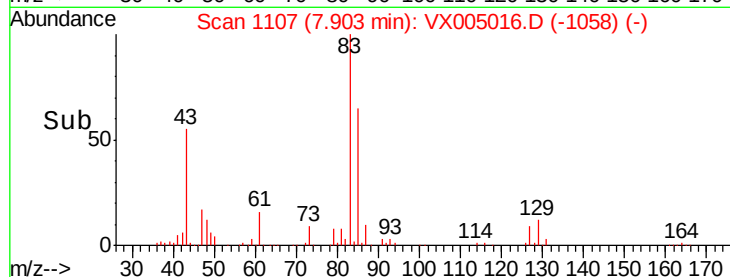
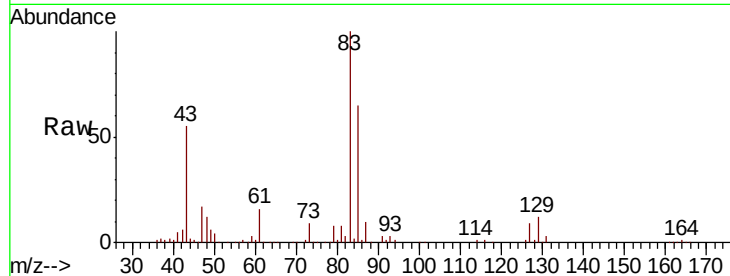
83 100

85 64.5 51.2 76.8

127 9.1 7.0 10.6

Manual Integrations  
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10/5/2018 3:24:50 PM



#48

Methyl methacrylate

Concen: 56.243 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

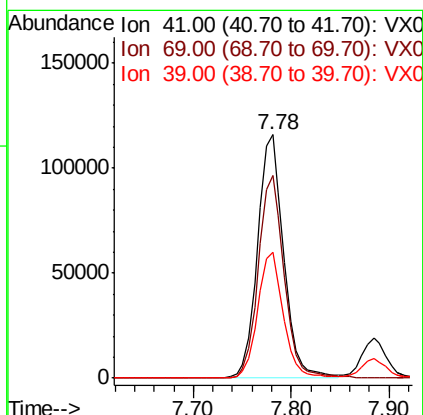
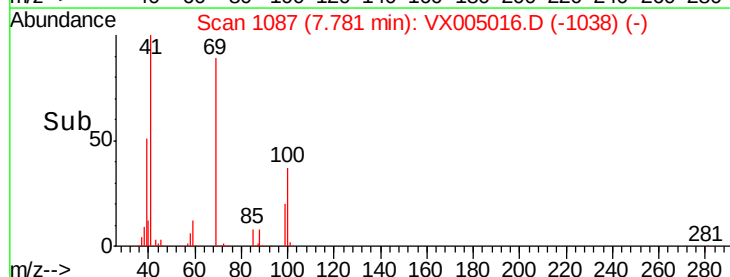
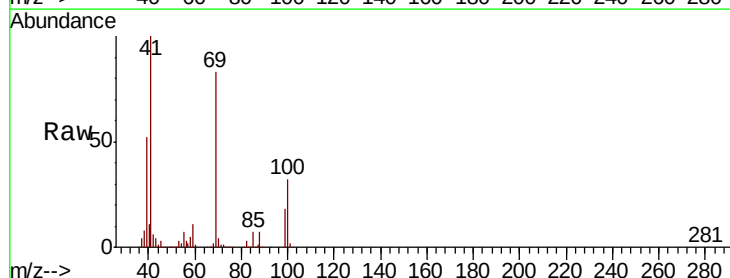
Tgt Ion: 41 Resp: 213088

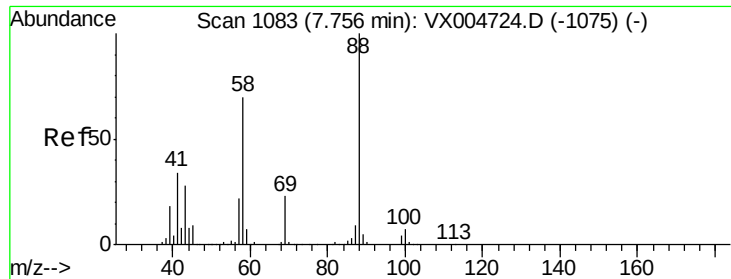
Ion Ratio Lower Upper

41 100

69 83.4 63.8 95.6

39 51.0 40.7 61.1





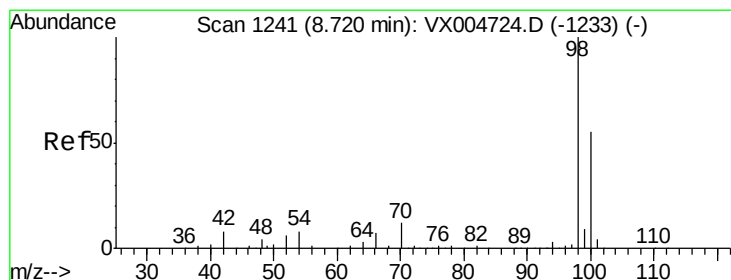
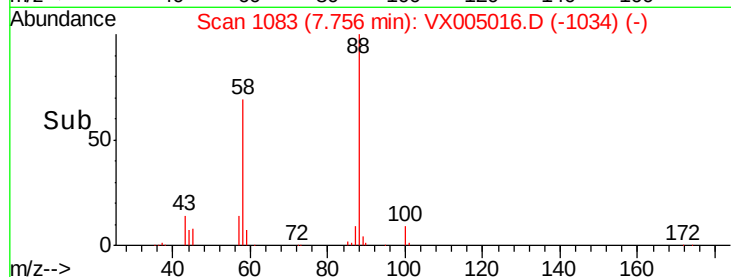
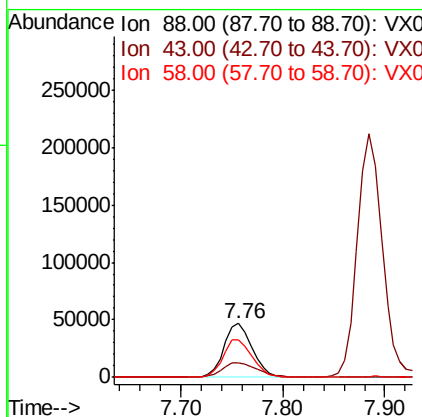
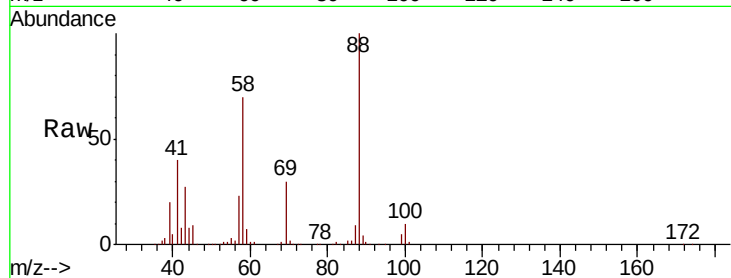
#49  
1,4-Dioxane  
Concen: 956.526 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 90034 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 31.6  | 25.1  | 37.7  |
| 58      | 72.5  | 56.2  | 84.2  |

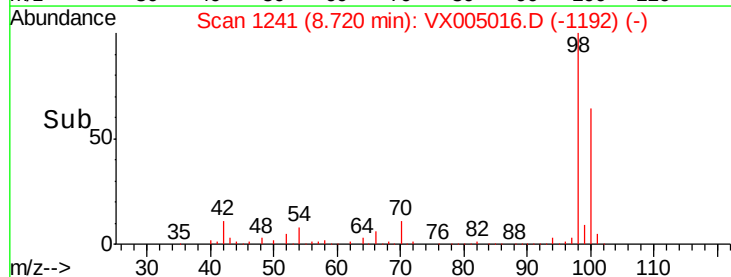
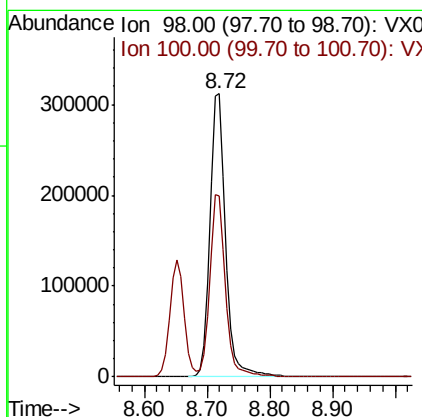
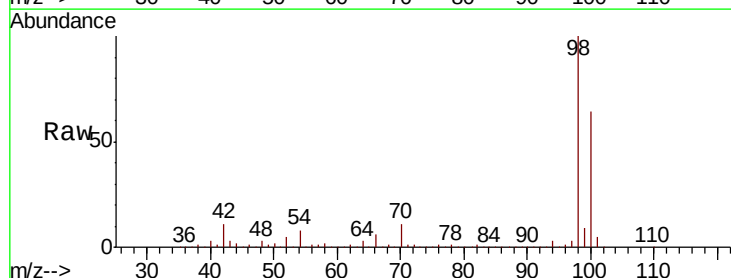
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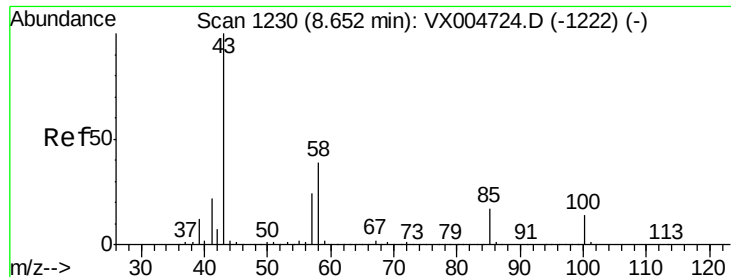
MMDadoda  
10/5/2018 3:24:50 PM



#50  
Toluene-d8  
Concen: 50.578 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | 98    | Resp  | 536943 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.6  | 51.9  | 77.9   |





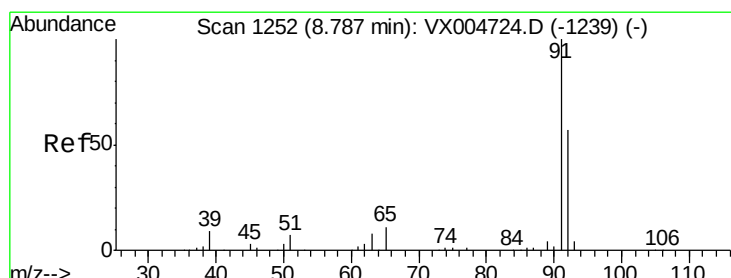
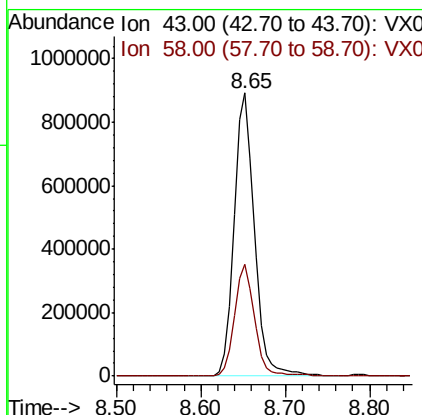
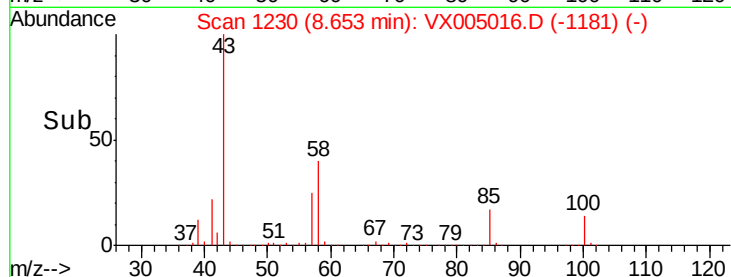
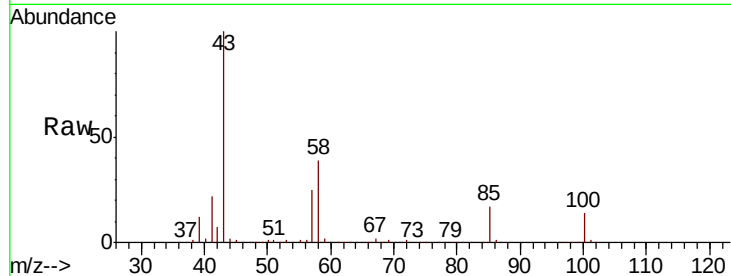
#51  
4-Methyl-2-Pentanone  
Concen: 275.391 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1447405  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.5 45.7

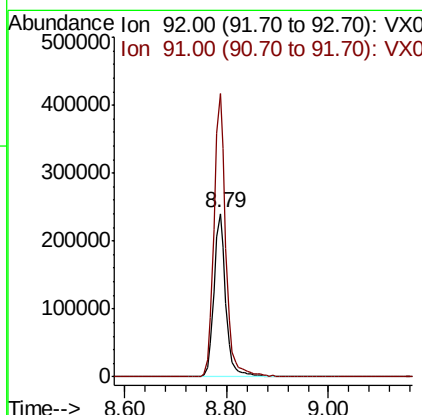
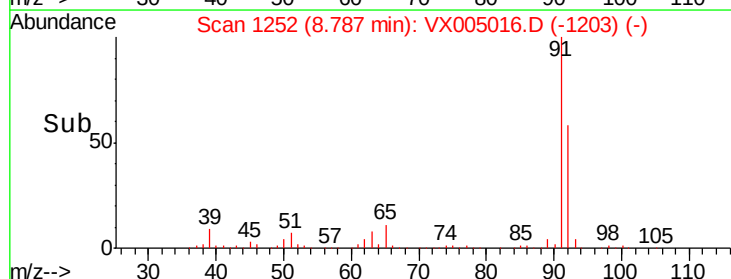
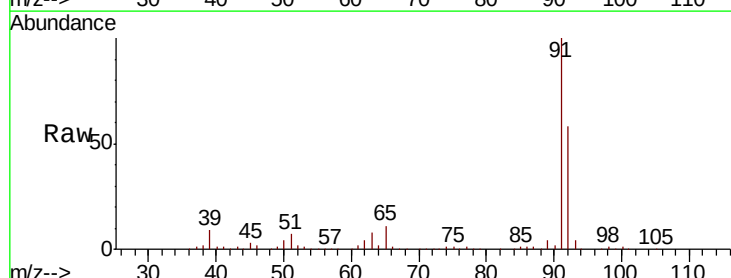
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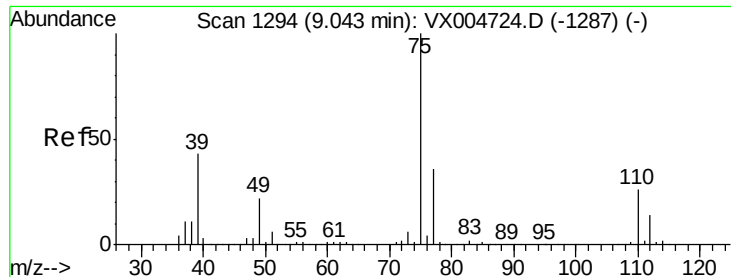
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#52  
Toluene  
Concen: 52.030 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Tgt Ion: 92 Resp: 389962  
Ion Ratio Lower Upper  
92 100  
91 174.3 136.7 205.1





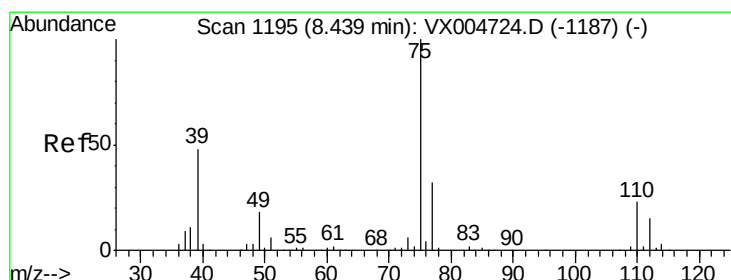
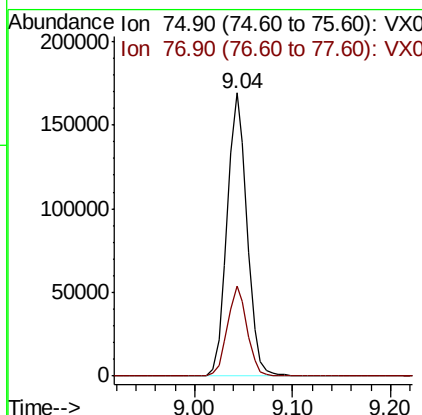
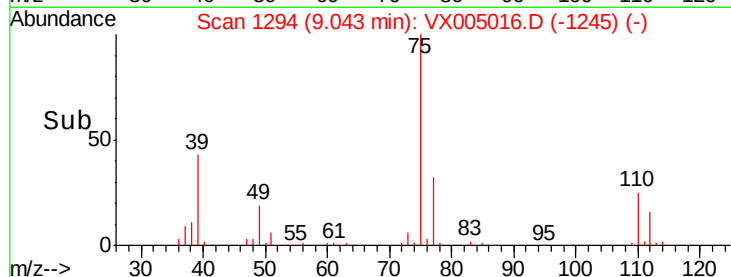
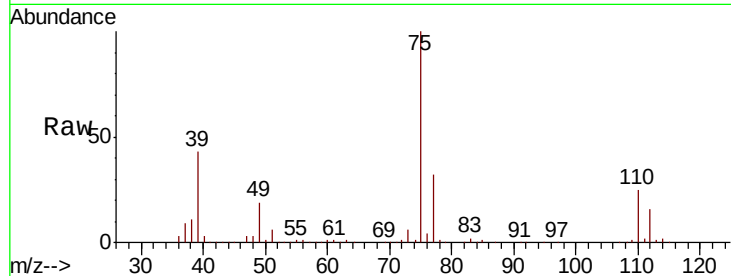
#53  
t-1,3-Dichloropropene  
Concen: 53.810 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 28.9  | 43.3  |

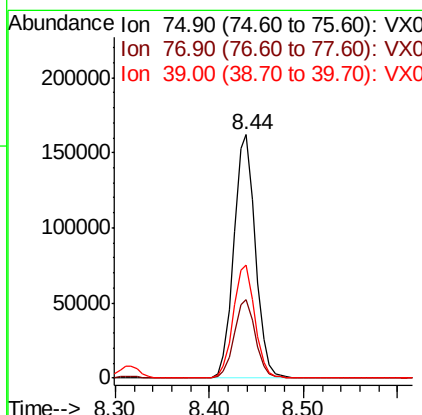
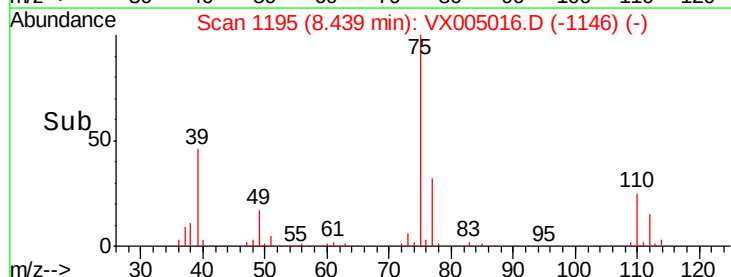
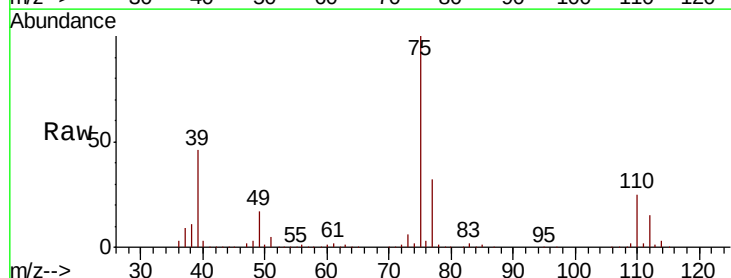
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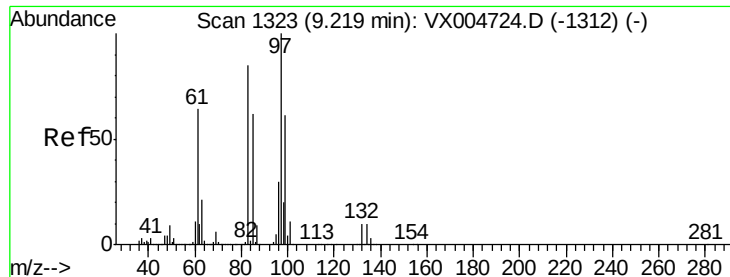


#54  
cis-1,3-Dichloropropene  
Concen: 55.039 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 25.7  | 38.5  |
| 39      | 46.1  | 38.3  | 57.5  |







#55

1,1,2-Trichloroethane

Concen: 49.733 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

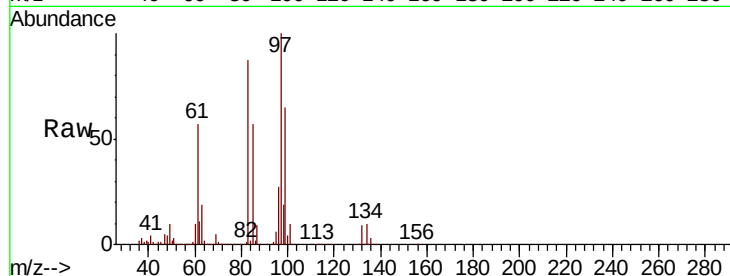
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 163275 |       |       |
| 83      | 86.5 | 68.2  | 102.2  |       |       |
| 85      | 56.6 | 49.9  | 74.9   |       |       |
| 99      | 65.1 | 48.9  | 73.3   |       |       |

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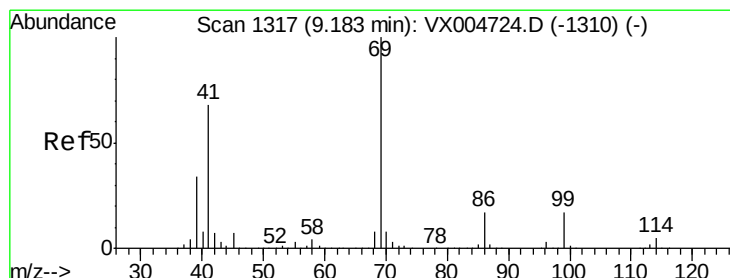
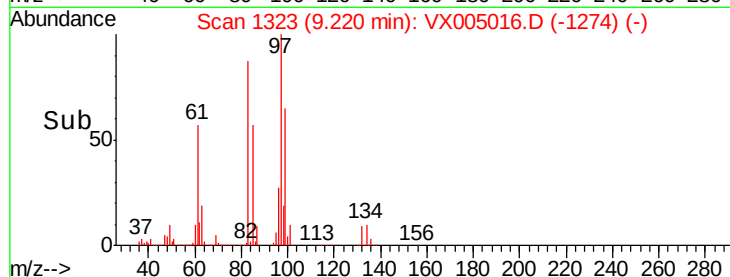
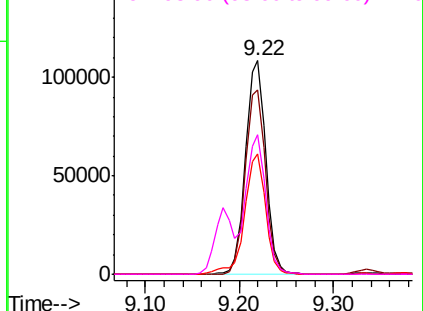
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.228 ug/l

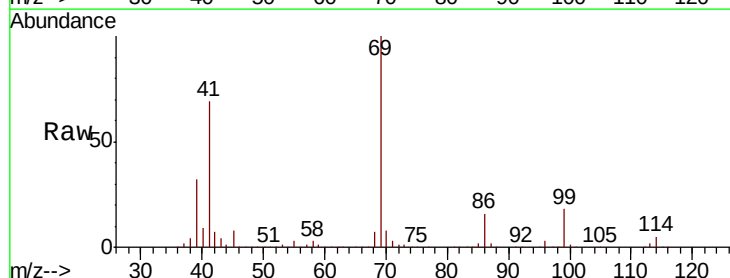
RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 267663 |       |       |
| 41      | 68.4 | 56.9  | 85.3   |       |       |
| 39      | 32.5 | 28.4  | 42.6   |       |       |

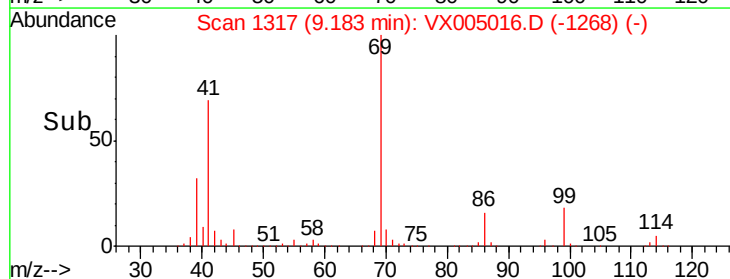
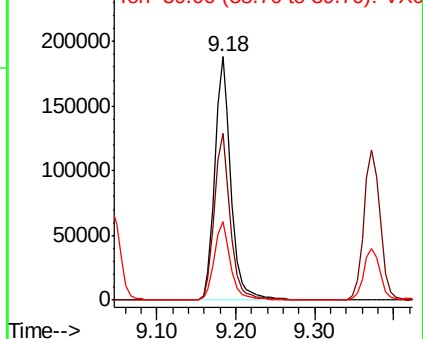


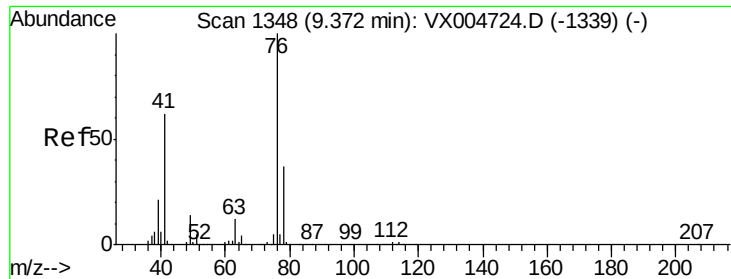
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





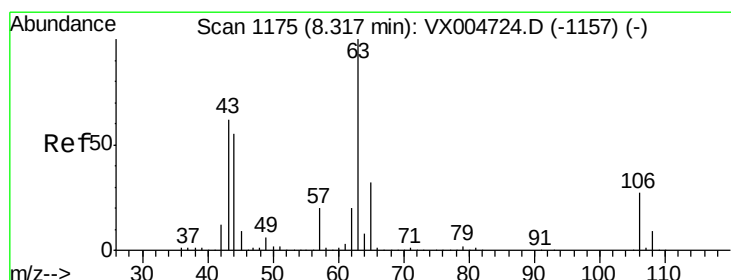
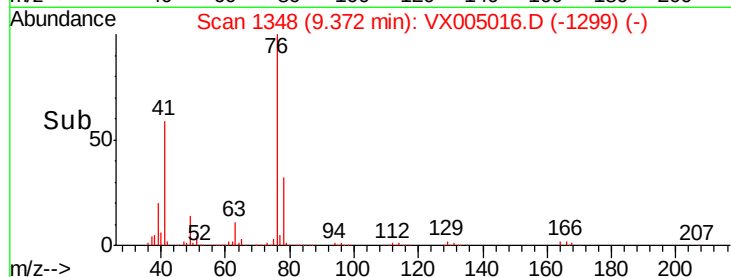
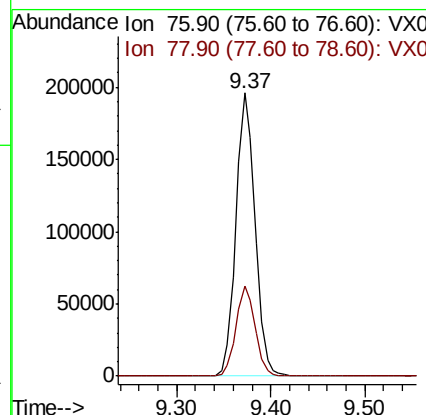
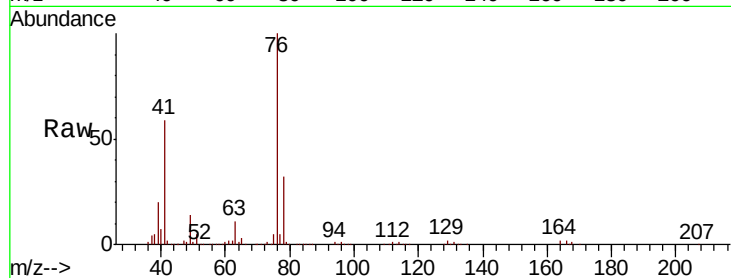
#57  
 1,3-Dichloropropane  
 Concen: 50.534 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.0  | 26.6  | 40.0  |

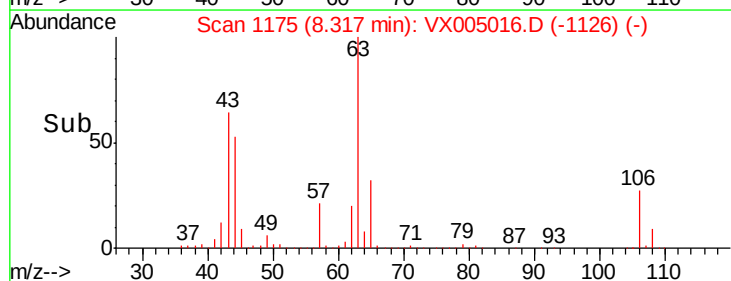
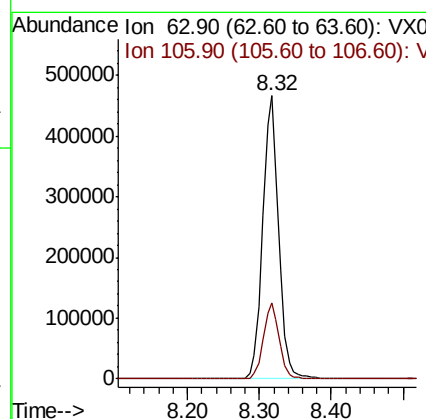
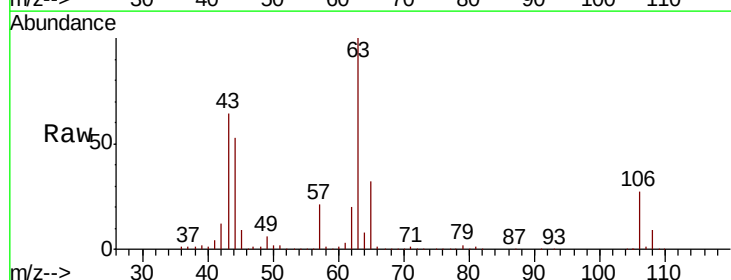
Manual Integrations  
 APPROVED

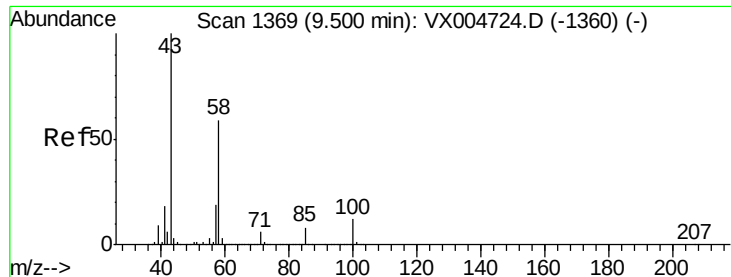
MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 255.312 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.7  | 21.0  | 31.6  |





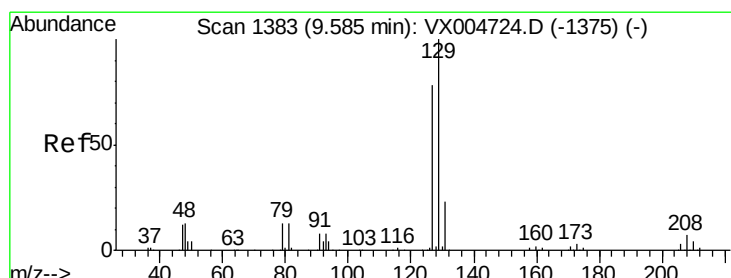
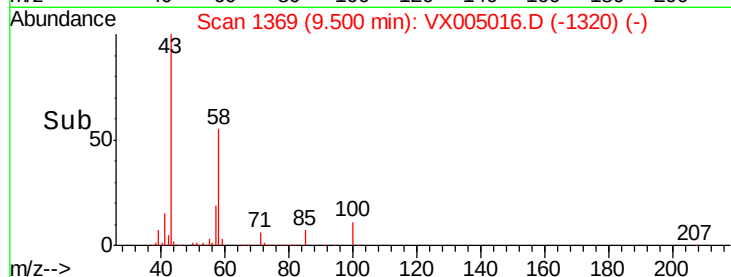
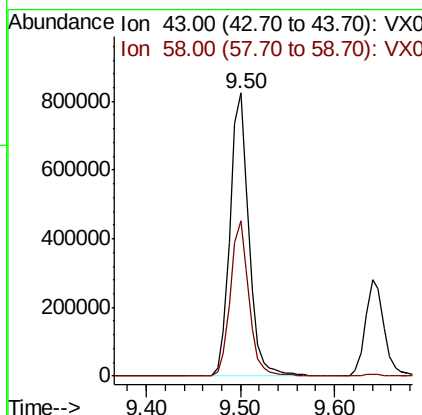
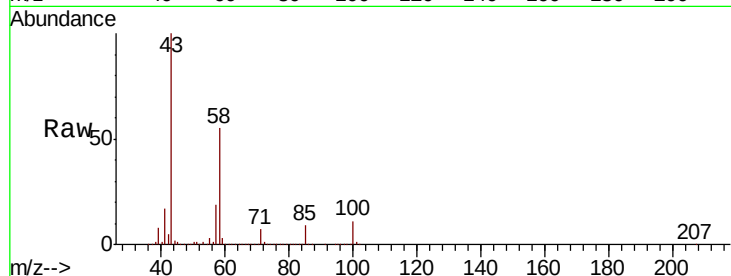
#59  
2-Hexanone  
Concen: 261.577 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1145648  
Ion Ratio Lower Upper  
43 100  
58 54.2 28.4 85.3

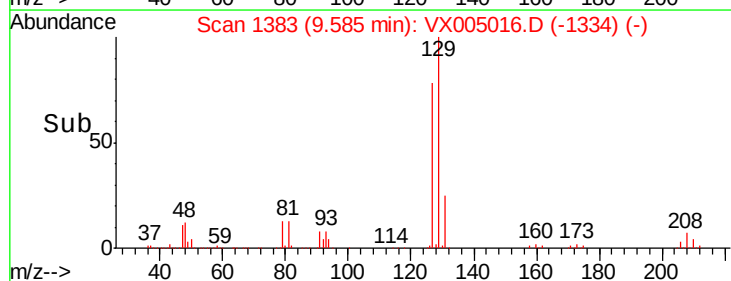
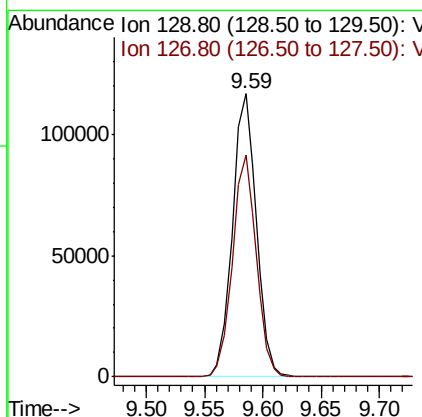
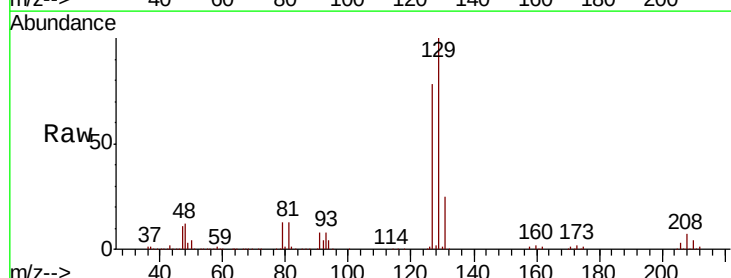
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APPROVED

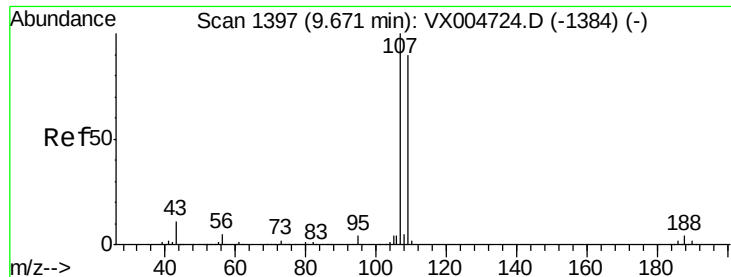
MMDadoda  
10/5/2018 3:24:50 PM



#60  
Dibromochloromethane  
Concen: 50.993 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Tgt Ion: 129 Resp: 167424  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.343 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 169971

Ion Ratio Lower Upper

107 100

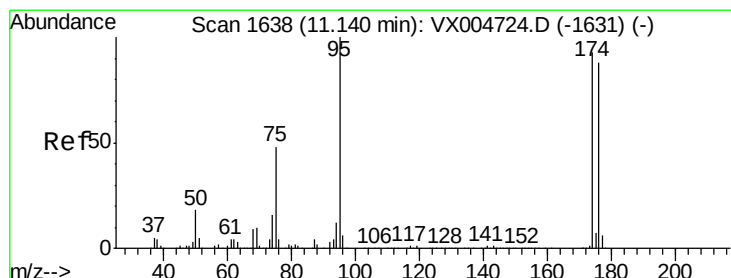
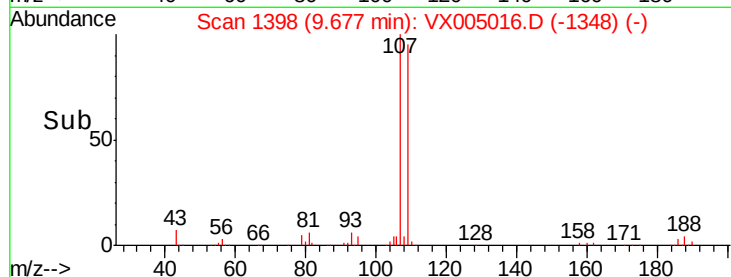
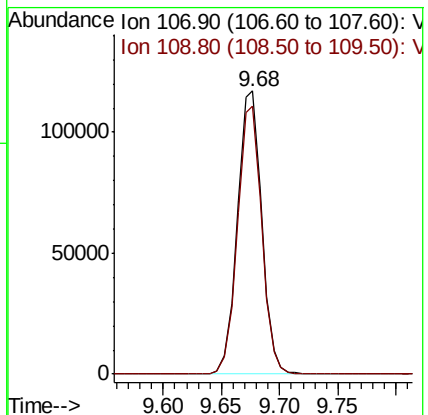
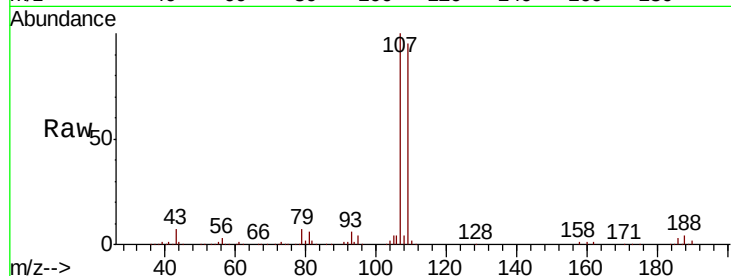
109 95.0 72.1 108.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.394 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

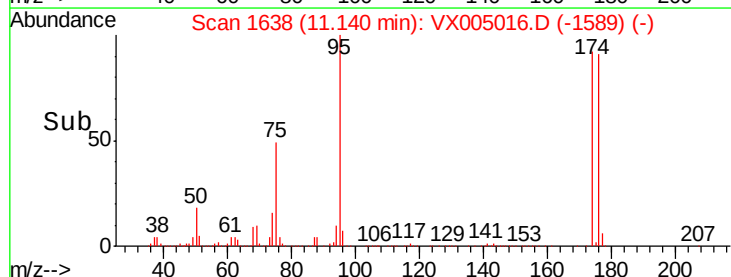
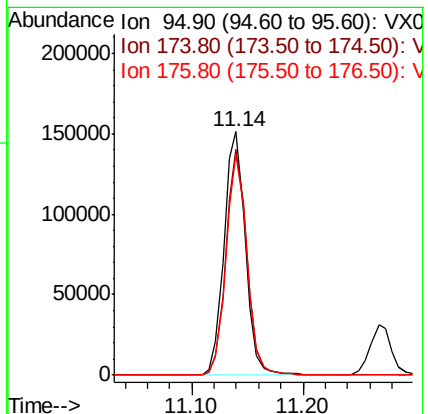
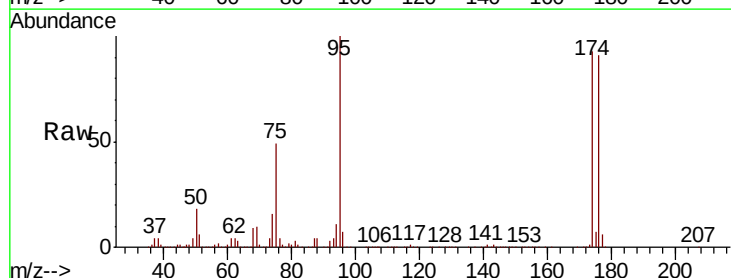
Tgt Ion: 95 Resp: 200381

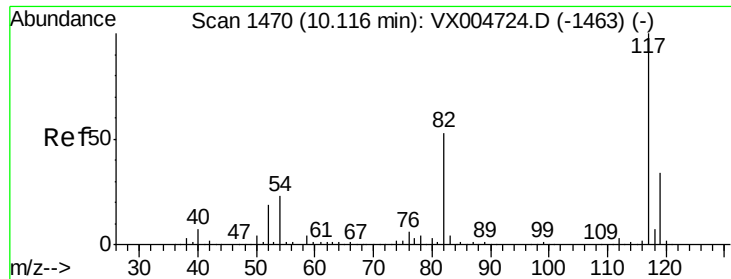
Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.0

176 88.7 0.0 180.2





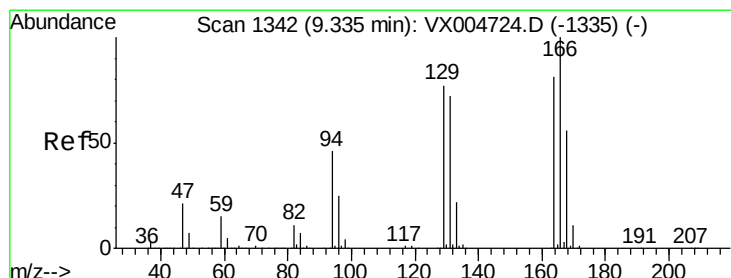
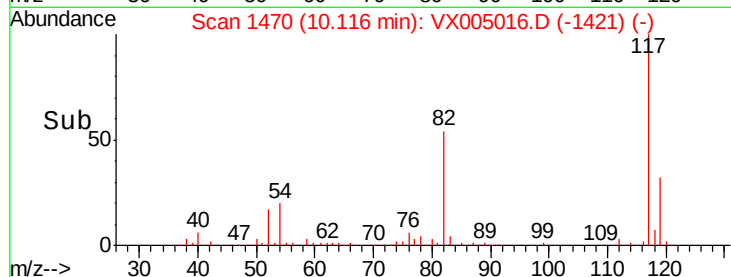
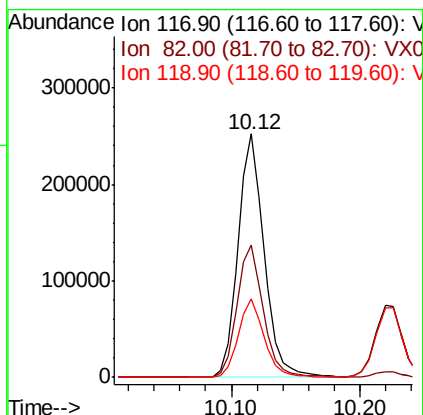
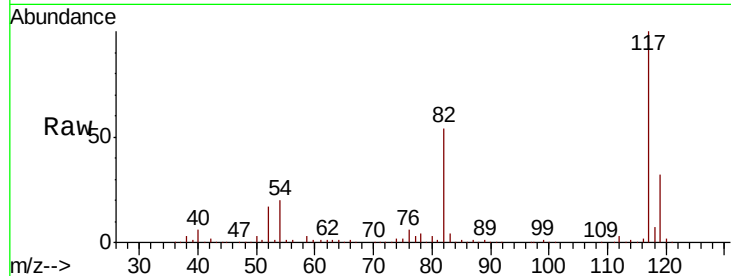
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.2  | 42.2  | 63.4  |
| 119     | 32.4  | 27.4  | 41.0  |

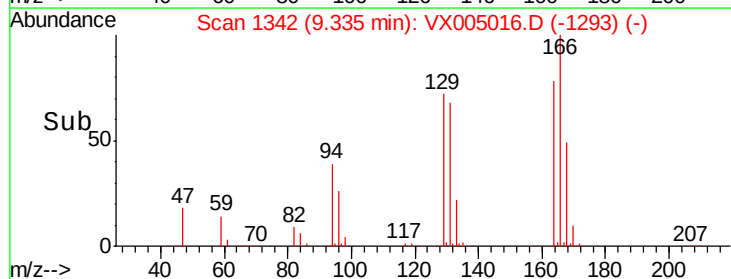
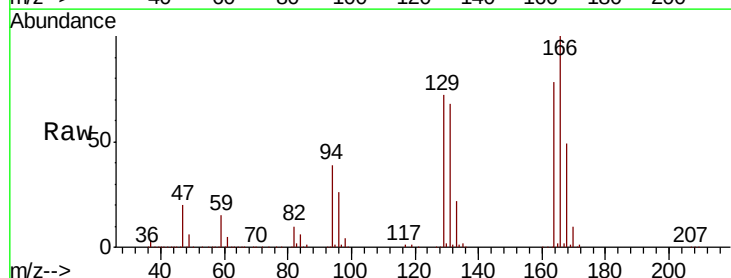
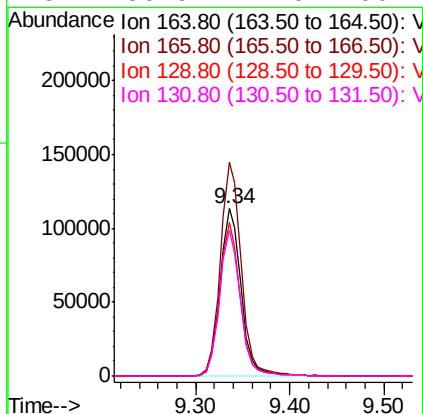
Manual Integrations  
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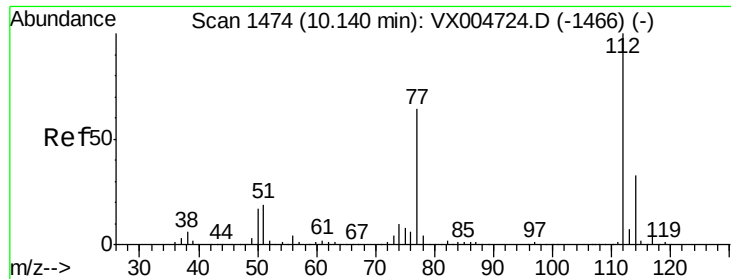
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 50.116 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.4 | 98.4  | 147.6 |
| 129     | 91.4  | 76.1  | 114.1 |
| 131     | 86.9  | 71.0  | 106.4 |





#65

Chlorobenzene

Concen: 48.640 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 442376

Ion Ratio Lower Upper

112 100

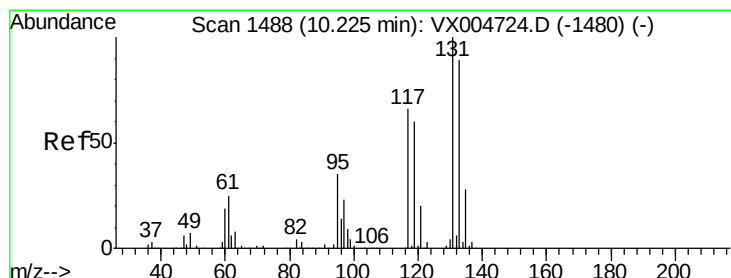
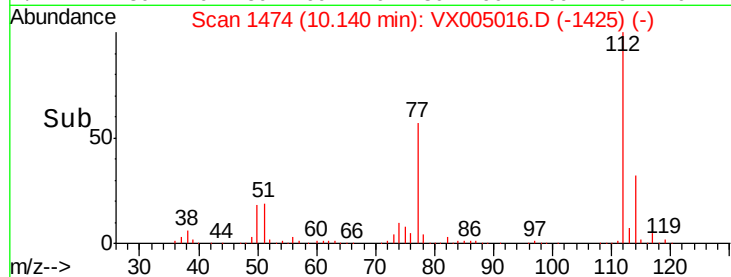
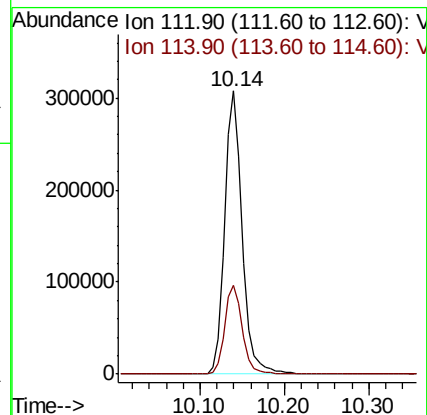
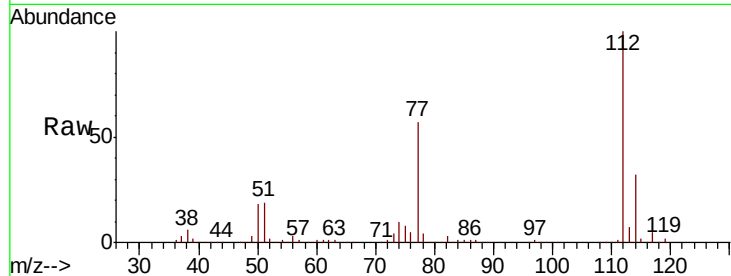
114 31.5 26.7 40.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.891 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

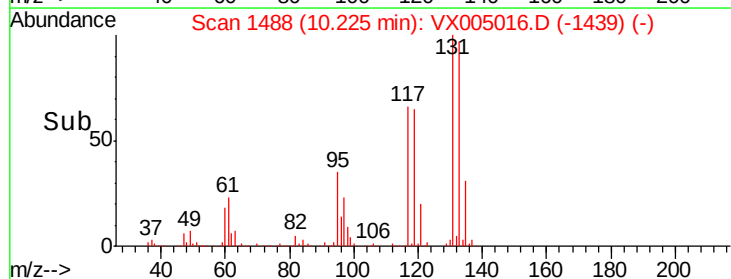
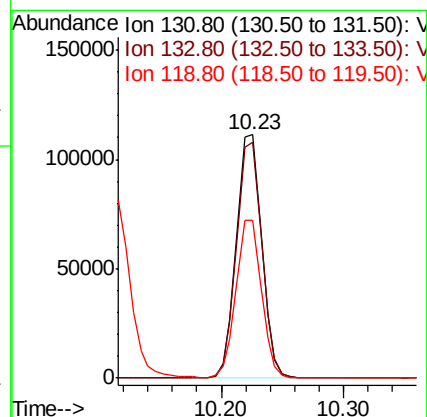
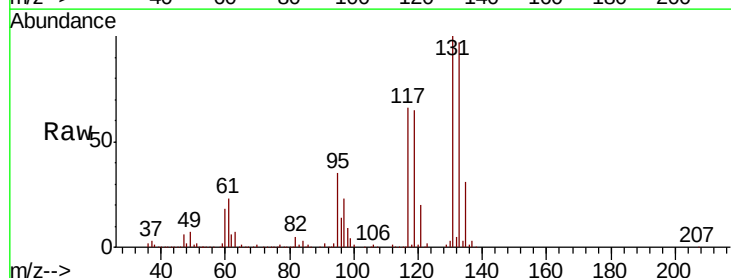
Tgt Ion:131 Resp: 159521

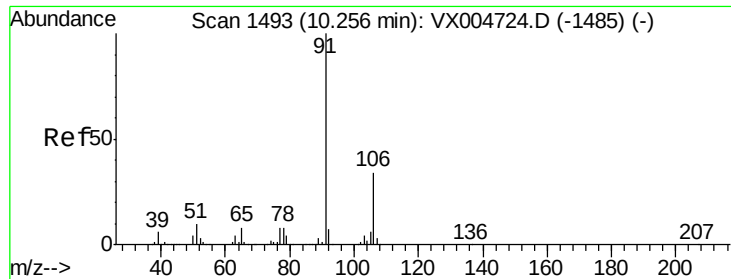
Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.0

119 65.4 32.3 96.8





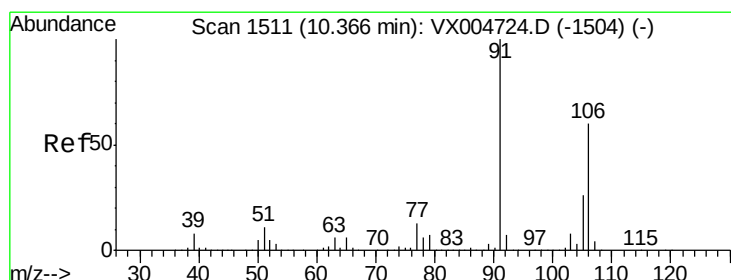
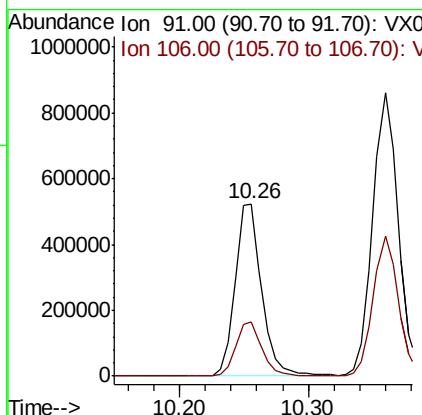
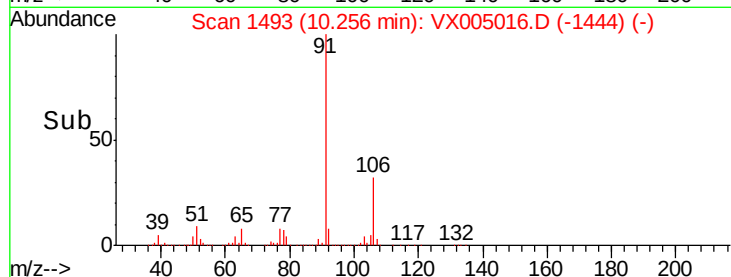
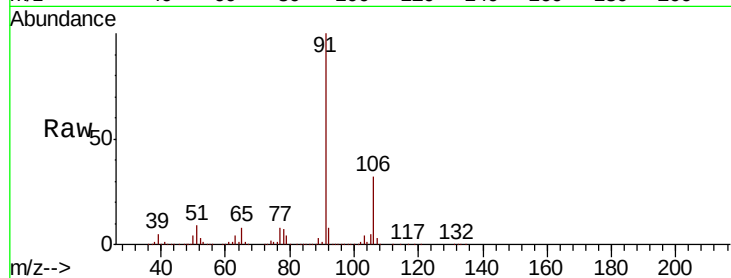
#67  
Ethyl Benzene  
Concen: 51.961 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 750275  
Ion Ratio Lower Upper  
91 100  
106 31.7 26.9 40.3

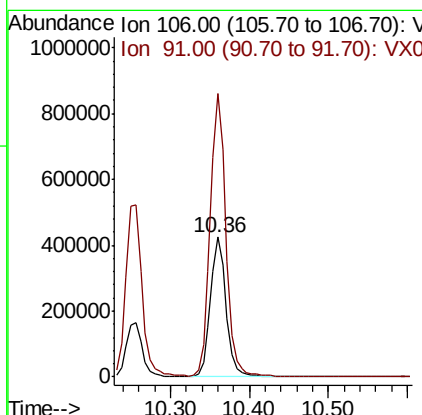
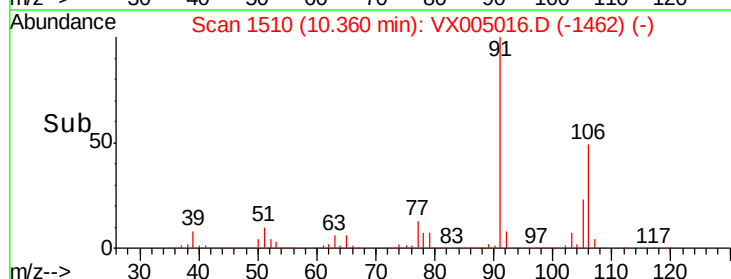
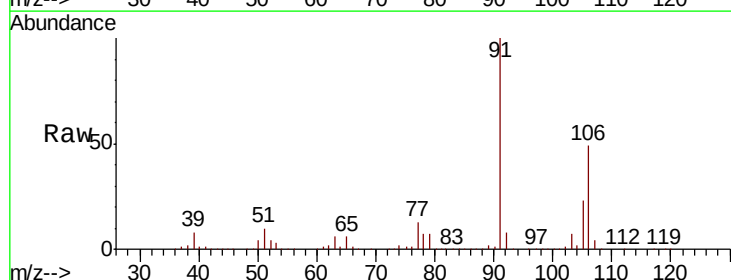
Manual Integrations  
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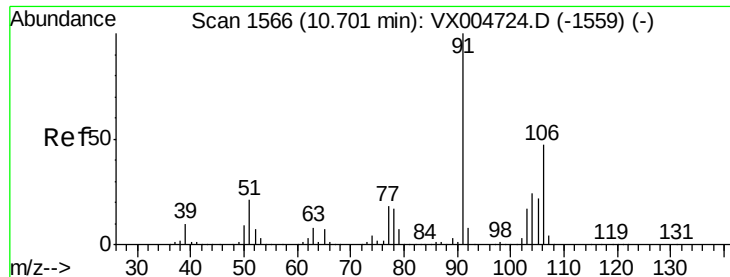
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#68  
m/p-Xylenes  
Concen: 104.038 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Tgt Ion: 106 Resp: 587028  
Ion Ratio Lower Upper  
106 100  
91 203.9 157.5 236.3





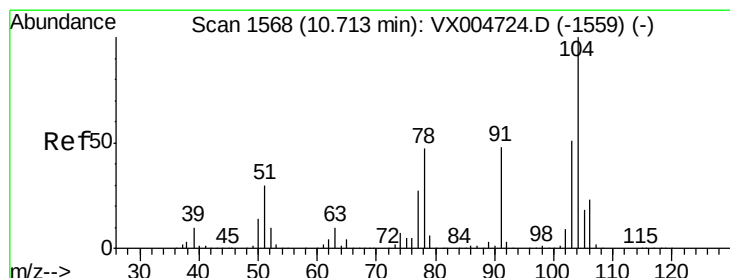
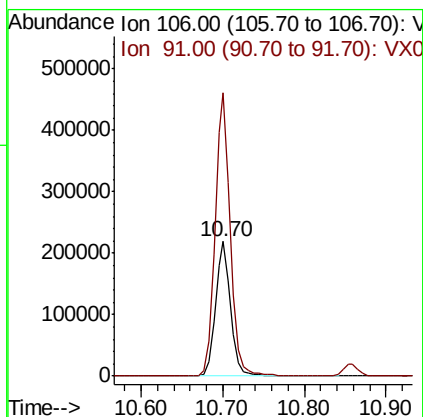
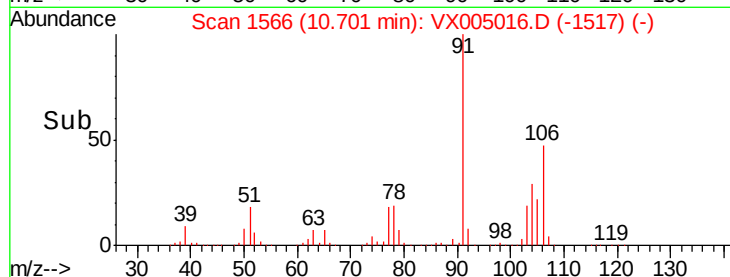
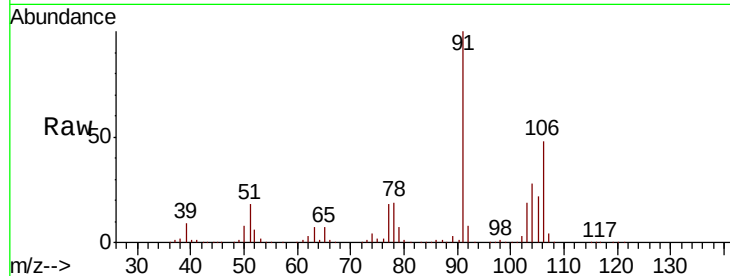
#69  
o-Xylene  
Concen: 55.293 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050EC

Tot Ion:106 Resp: 286562  
Ion Ratio Lower Upper  
106 100  
91 211.4 108.3 324.8

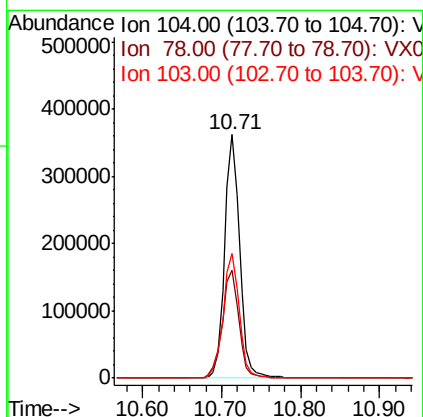
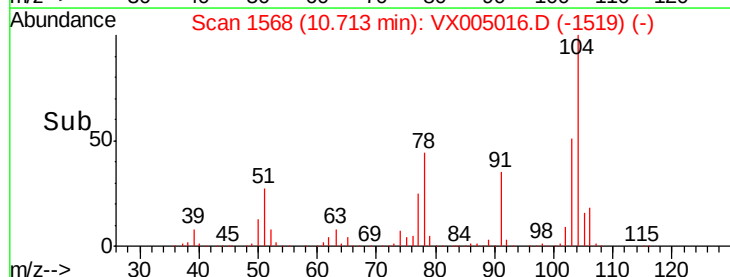
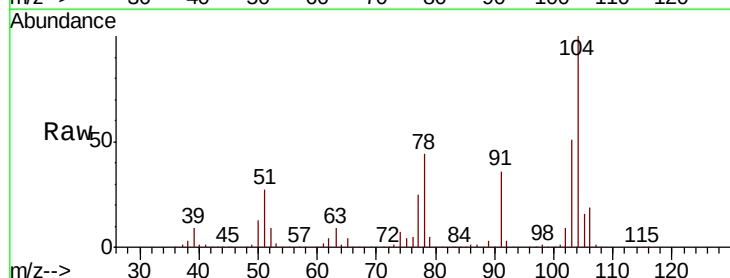
Manual Integrations  
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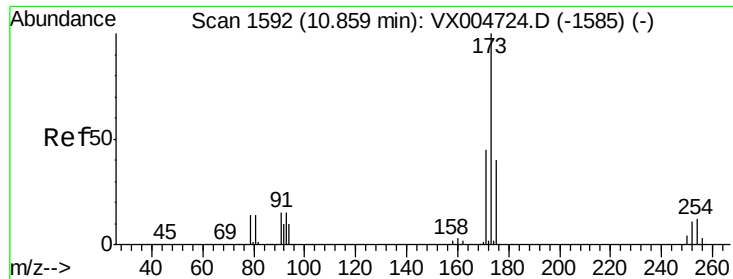


#70  
Styrene  
Concen: 49.680 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Tgt Ion:104 Resp: 481408  
Ion Ratio Lower Upper  
104 100  
78 49.2 40.0 60.0  
103 55.3 44.3 66.5







#71

Bromoform

Concen: 50.402 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 137968

Ion Ratio Lower Upper

173 100

175 48.5 23.3 69.8

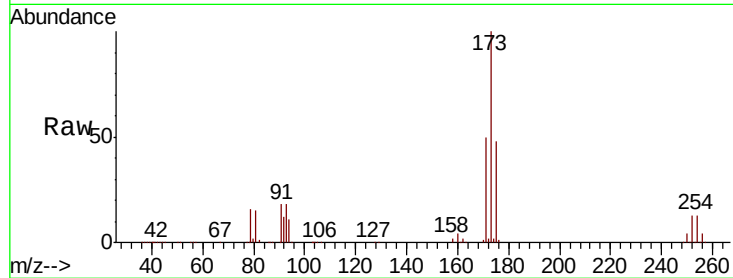
254 0.2 0.2 0.2#

Manual Integrations

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MMDadoda

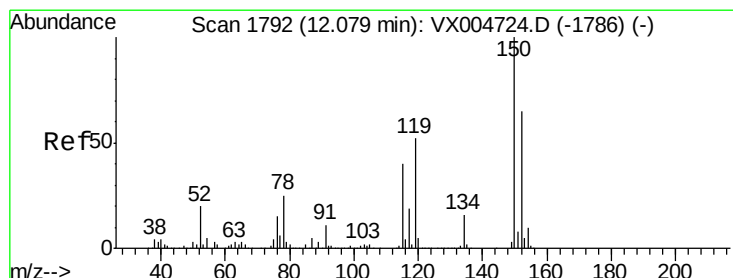
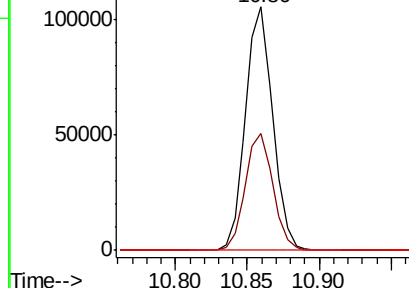
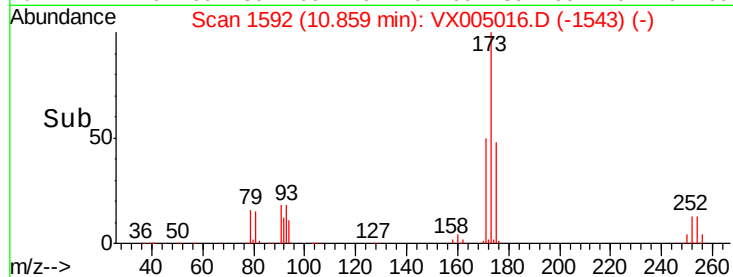
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

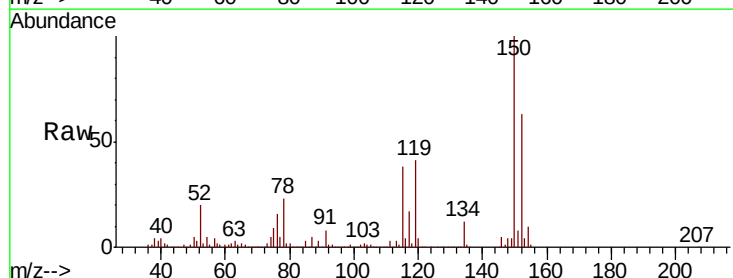
Tgt Ion:152 Resp: 214395

Ion Ratio Lower Upper

152 100

115 78.6 40.2 120.6

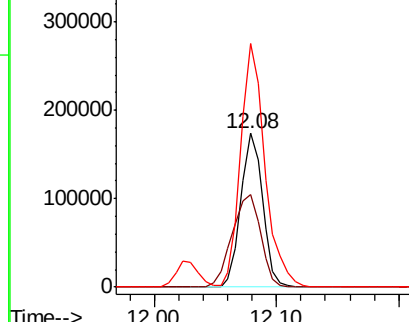
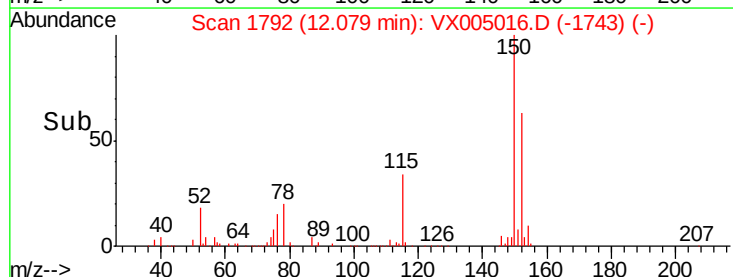
150 175.9 0.0 351.0

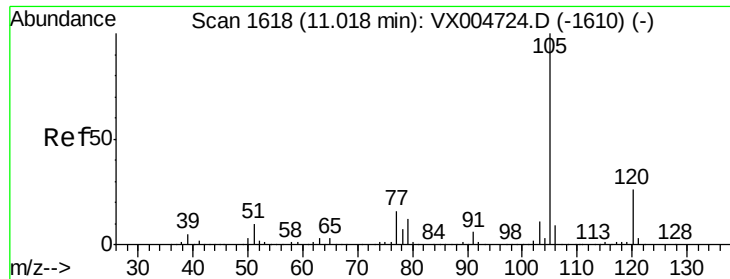


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





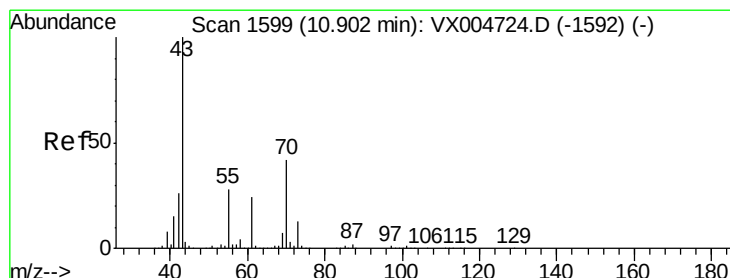
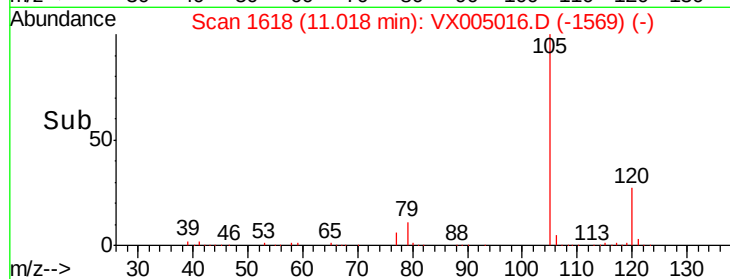
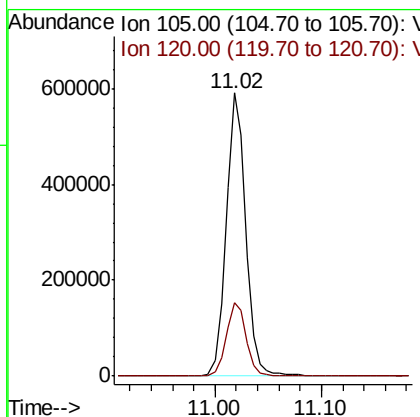
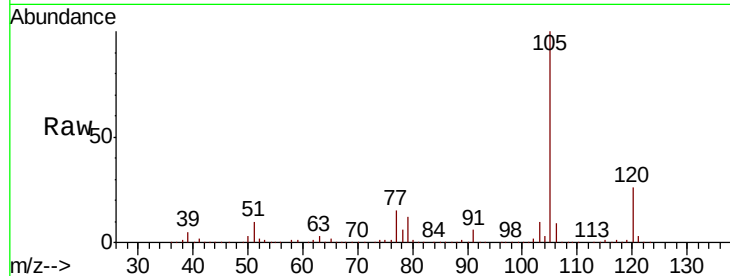
#73  
Isopropylbenzene  
Concen: 56.164 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 105 Resp: 758983  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.5

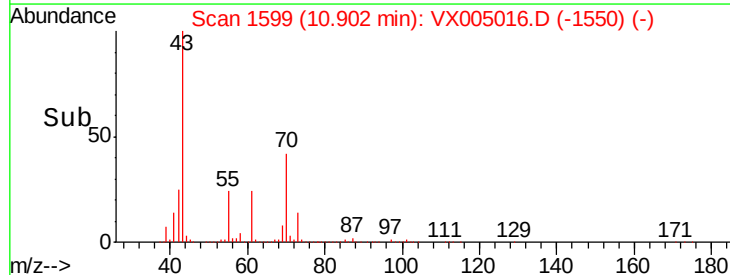
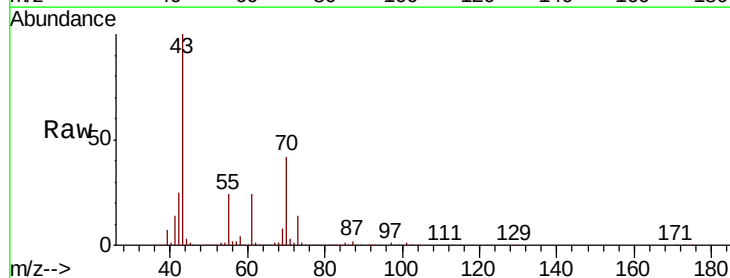
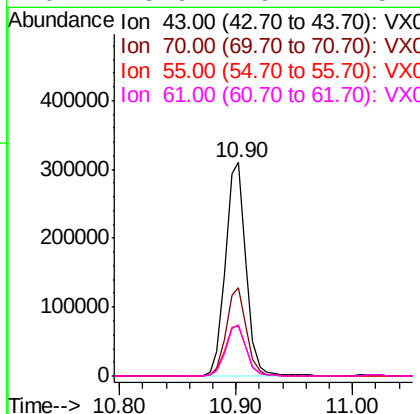
Manual Integrations  
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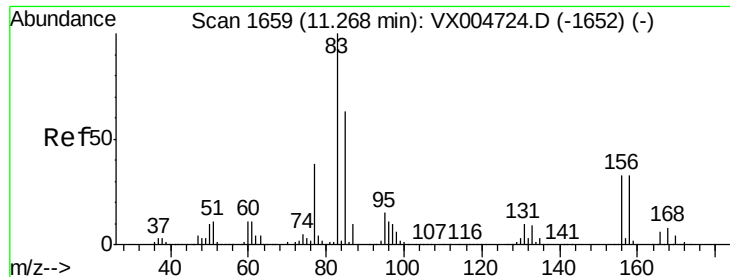
MMDadoda  
10/5/2018 3:24:50 PM



#74  
N-ethyl acetate  
Concen: 50.788 ug/l  
RT: 10.90 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Tgt Ion: 43 Resp: 377446  
Ion Ratio Lower Upper  
43 100  
70 40.8 32.6 48.8  
55 24.5 21.6 32.4  
61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.597 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

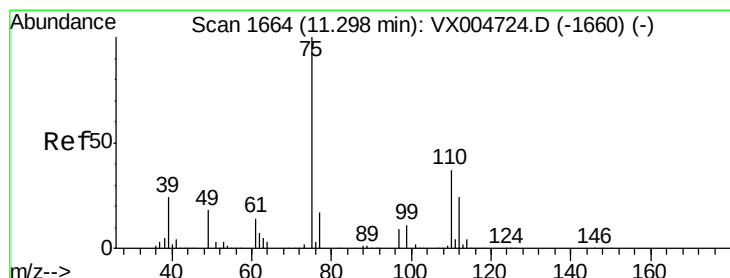
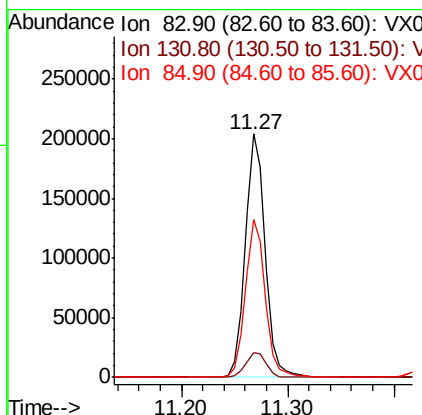
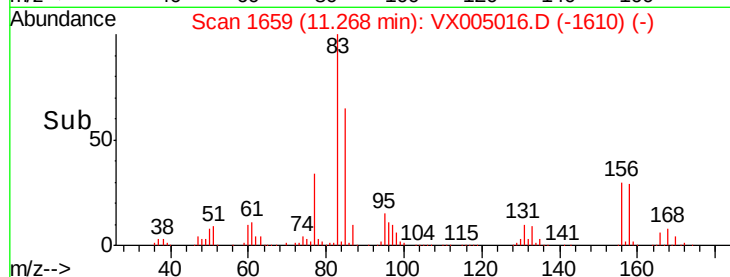
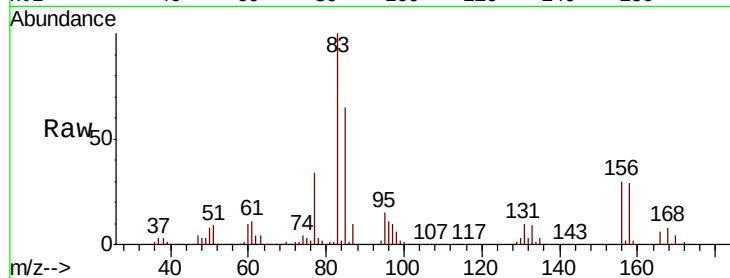
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 267327 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.1   | 15.3   |
| 85        | 64.6  | 31.9  | 95.9   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 52.611 ug/l m

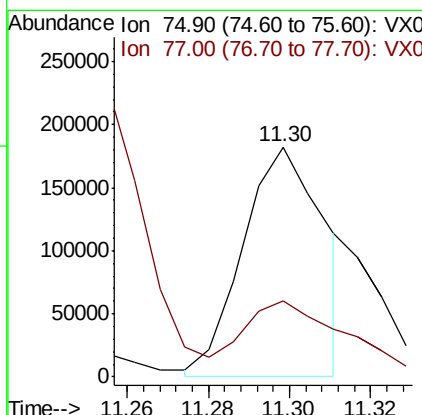
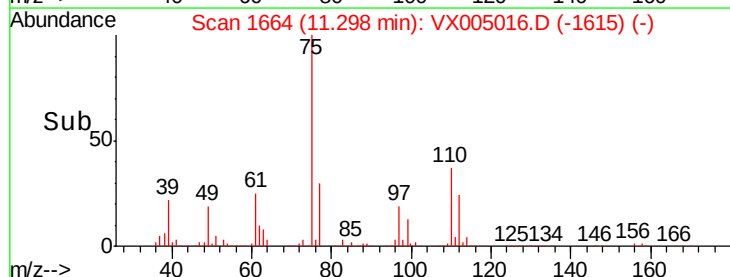
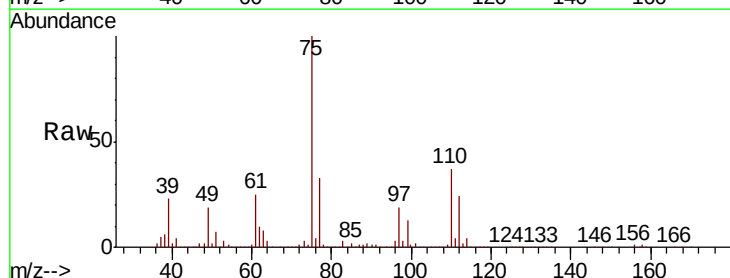
RT: 11.30 min Scan# 1664

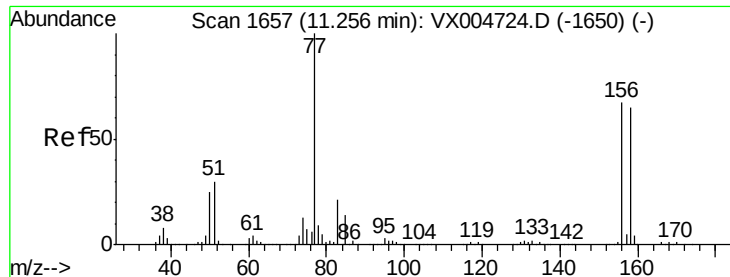
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 252814 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.6  | 21.4  | 64.3   |





#77

Bromobenzene

Concen: 51.932 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

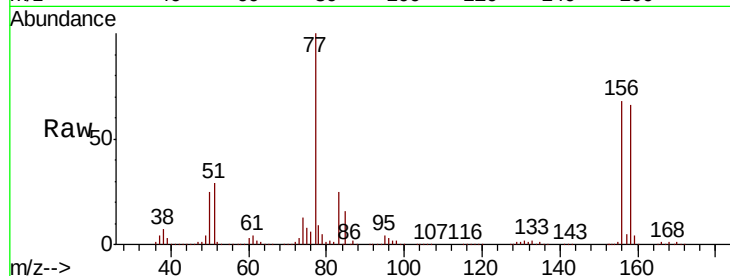
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 203838 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 146.4 | 73.4  | 220.2  |
| 158       | 97.5  | 49.1  | 147.4  |

Manual Integrations  
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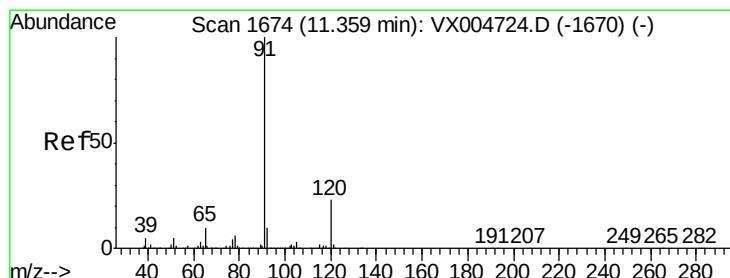
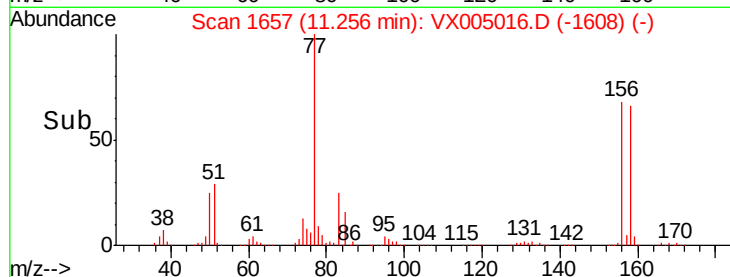
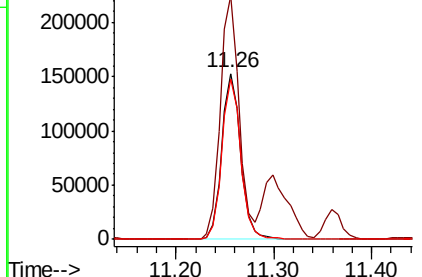
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.698 ug/l

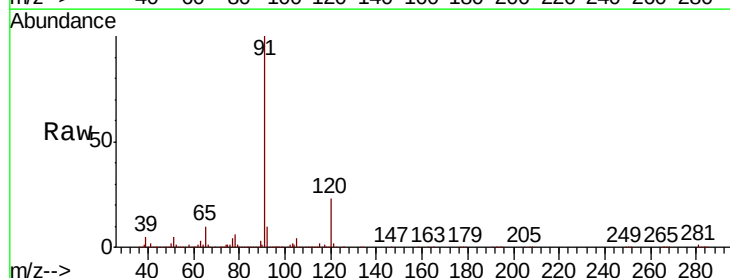
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005016.D

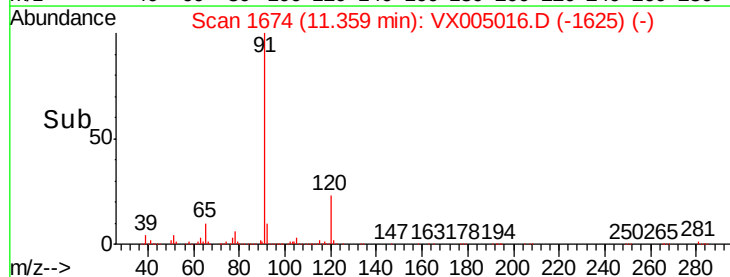
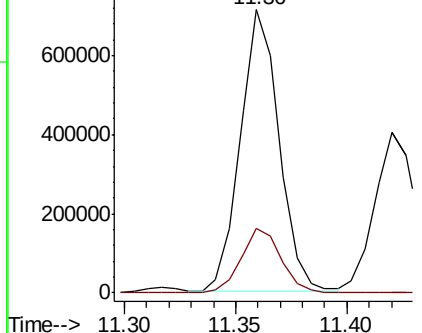
Acq: 04 Oct 2018 13:08

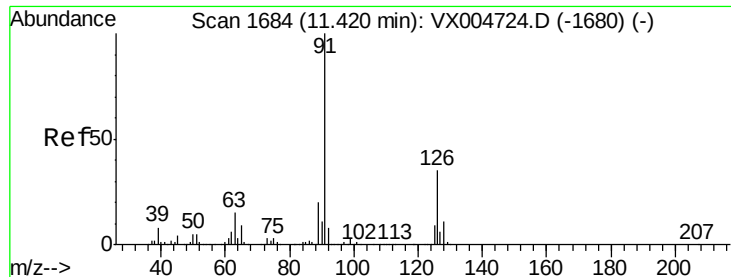
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 863611 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 12.0  | 36.0   |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.725 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 519233

Ion Ratio Lower Upper

91 100

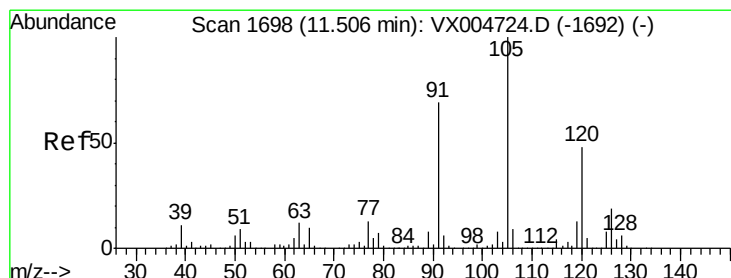
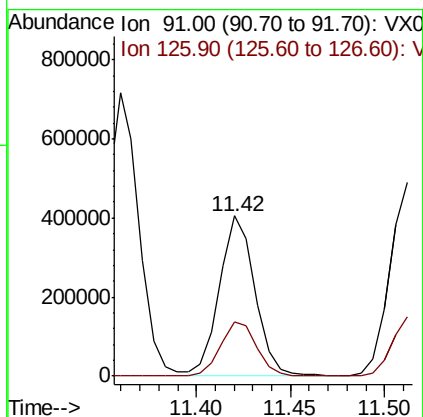
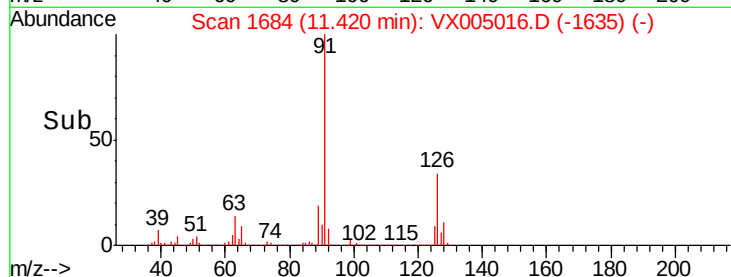
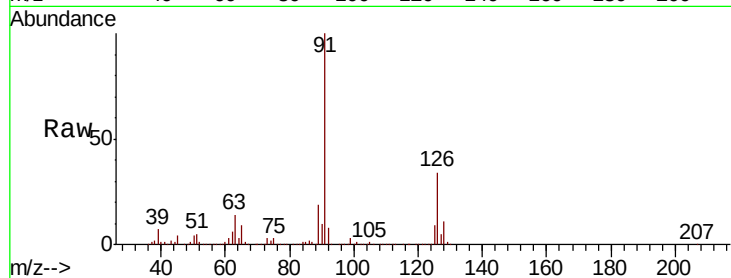
126 35.1 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 52.052 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005016.D

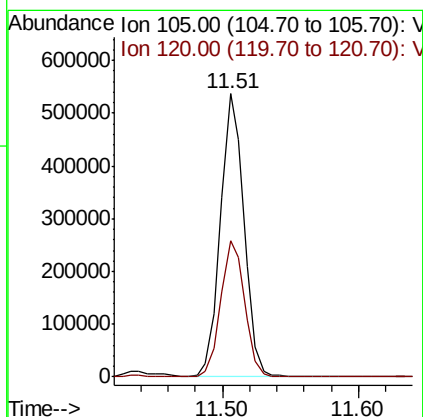
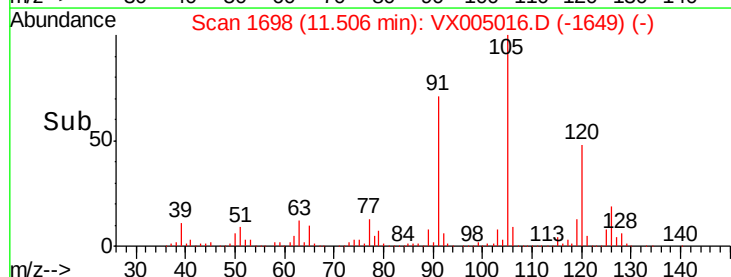
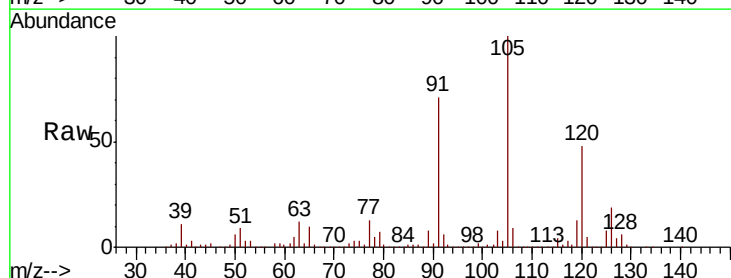
Acq: 04 Oct 2018 13:08

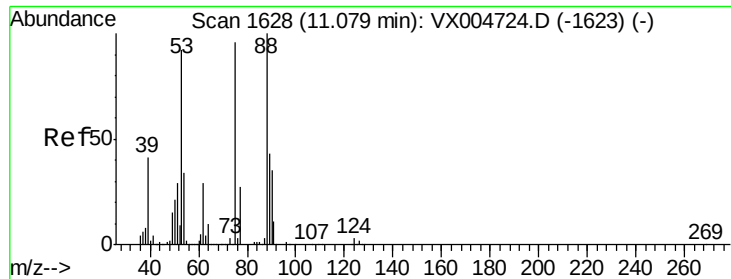
Tgt Ion: 105 Resp: 644597

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





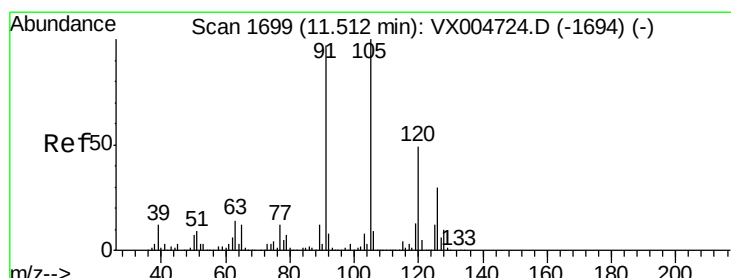
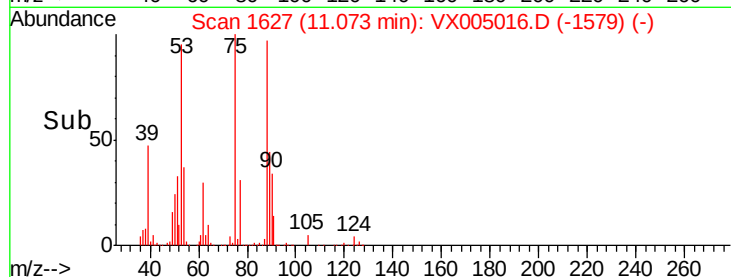
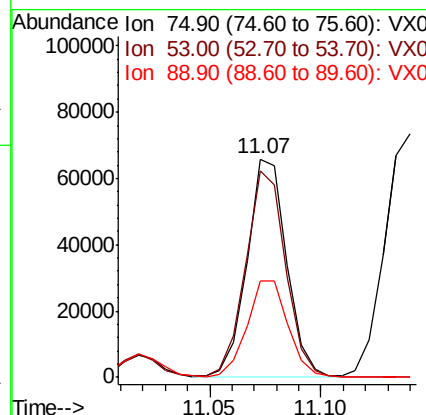
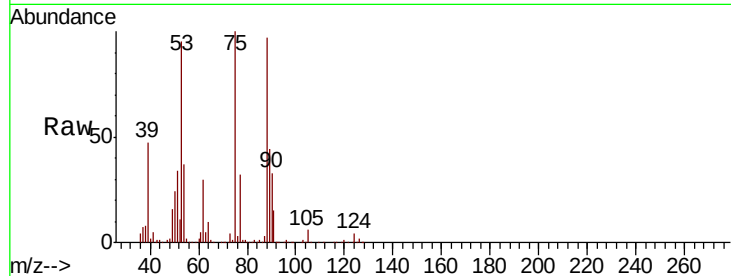
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.157 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. -0.01 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.4  | 80.2  | 120.4 |
| 89      | 46.6  | 37.1  | 55.7  |

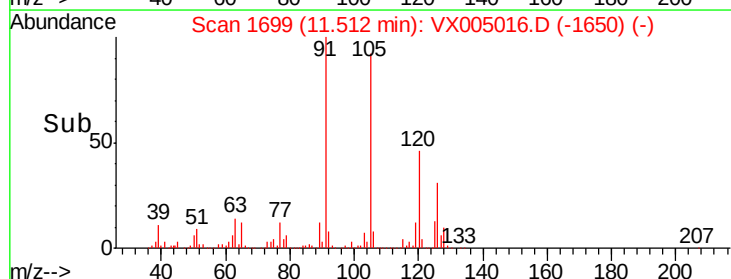
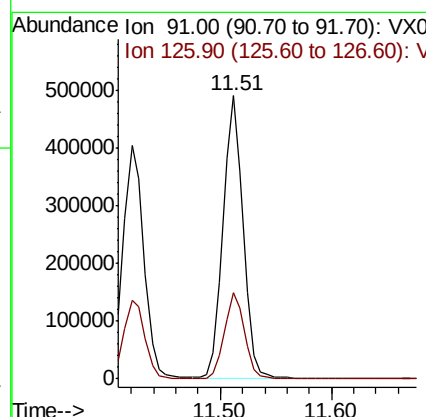
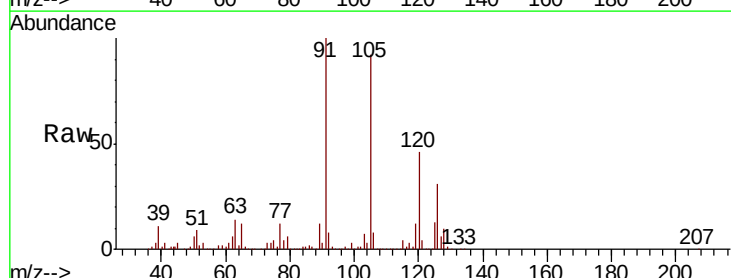
Manual Integrations  
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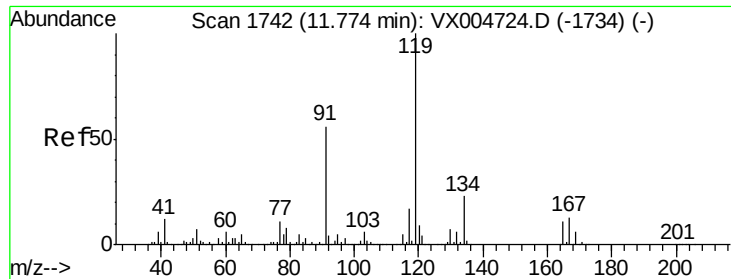
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#82  
4-Chlorotoluene  
Concen: 53.962 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.5  | 15.5  | 46.5  |





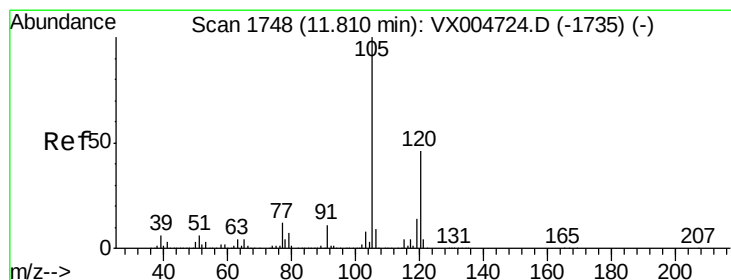
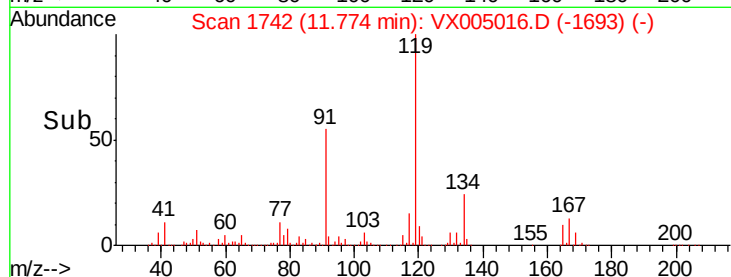
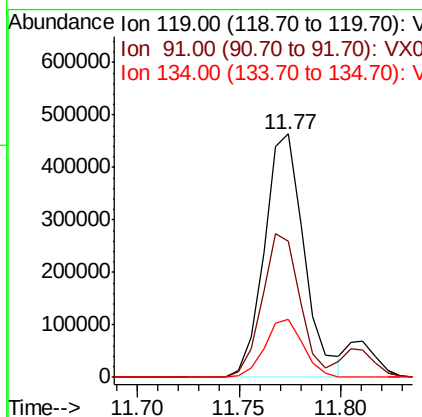
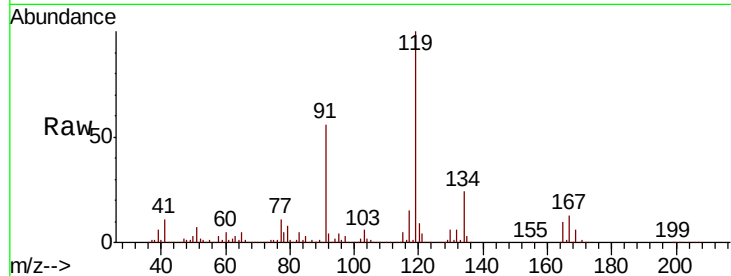
#83  
 tert-Butylbenzene  
 Concen: 56.629 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.1  | 27.5  | 82.5  |
| 134     | 23.0  | 11.5  | 34.4  |

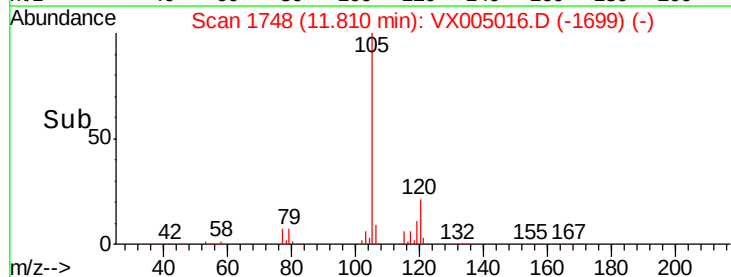
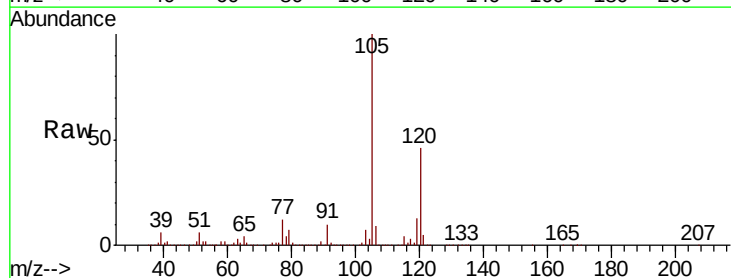
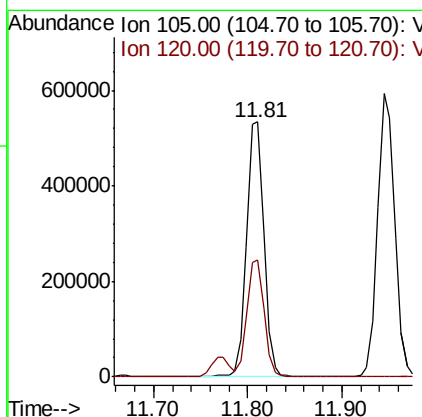
Manual Integrations  
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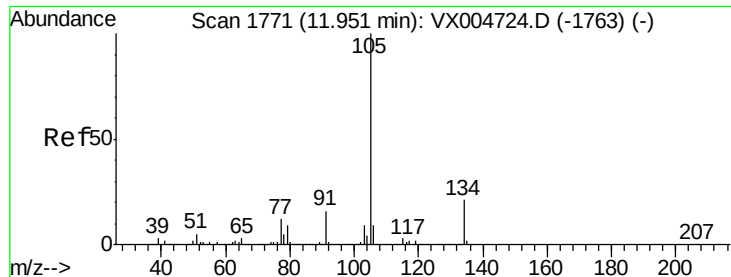
MMDadoda  
 10/5/2018 3:24:50 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.400 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.1  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 55.307 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 749529

Ion Ratio Lower Upper

105 100

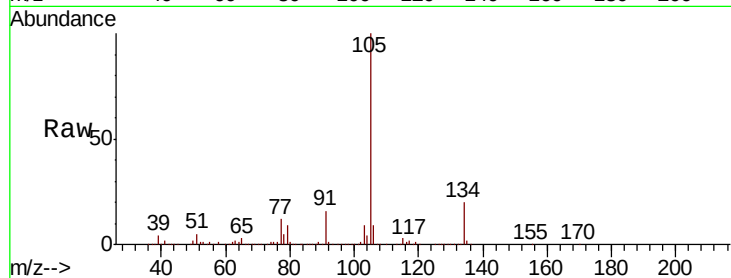
134 20.4 10.2 30.4

Manual Integrations

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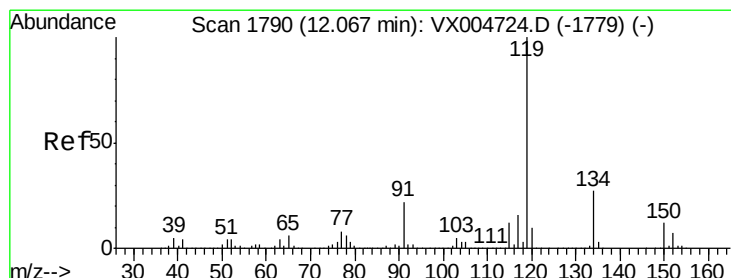
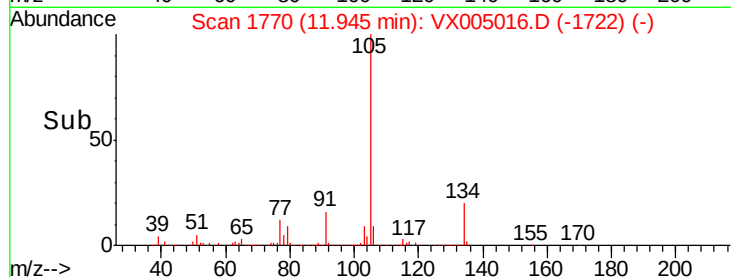
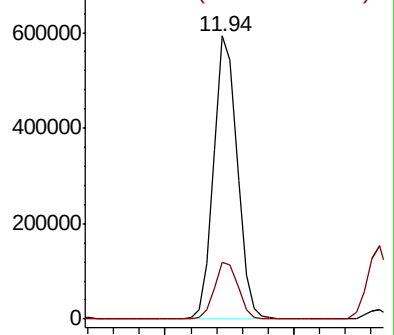
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.490 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

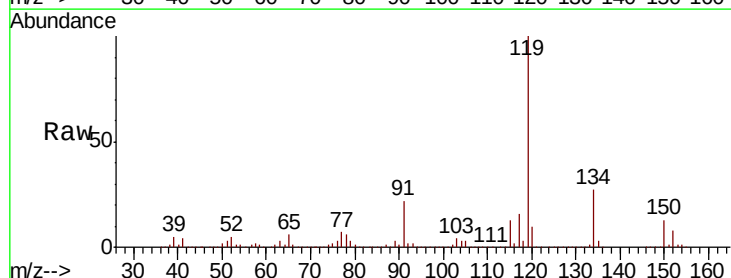
Tgt Ion:119 Resp: 681320

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

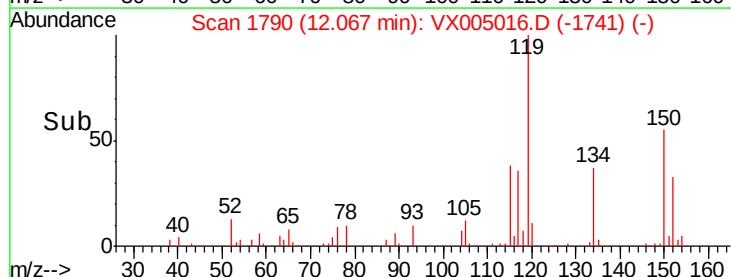
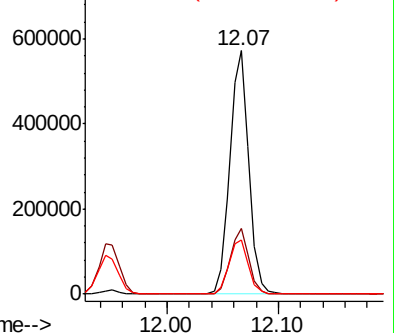
91 22.8 11.5 34.4



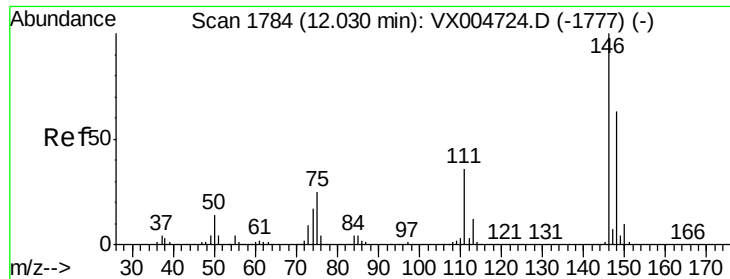
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0







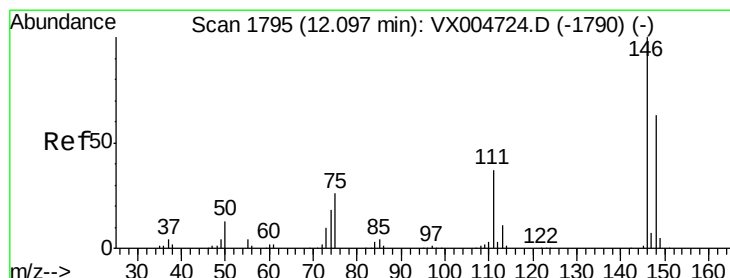
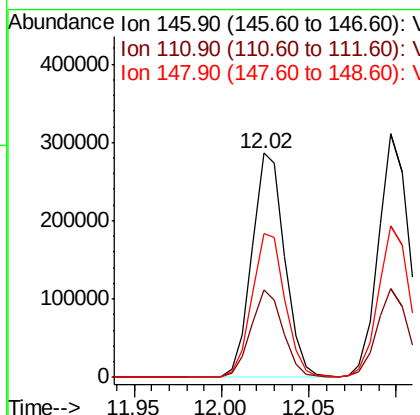
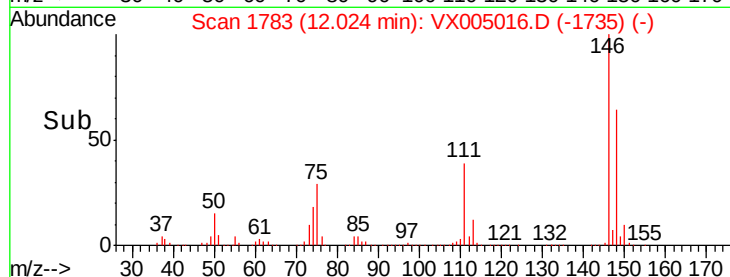
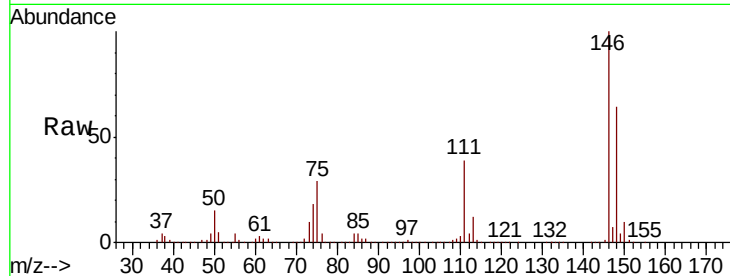
#87  
 1,3-Dichlorobenzene  
 Concen: 50.911 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 18.9  | 56.9  |
| 148     | 64.5  | 31.8  | 95.3  |

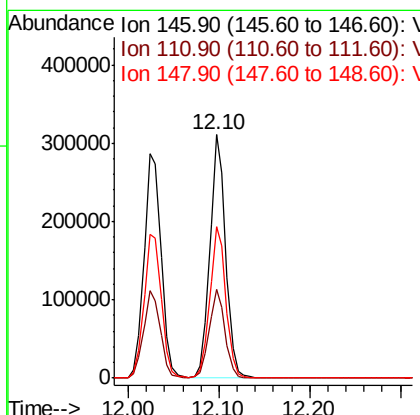
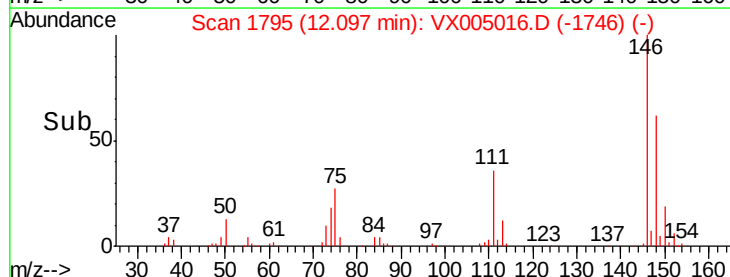
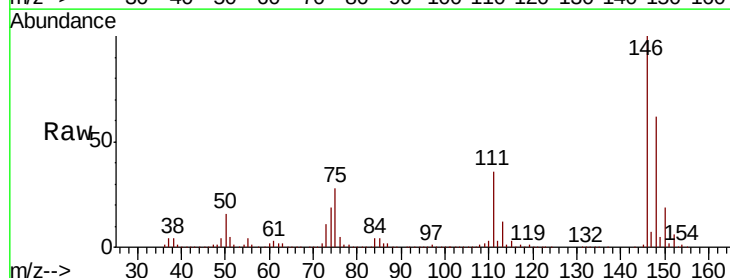
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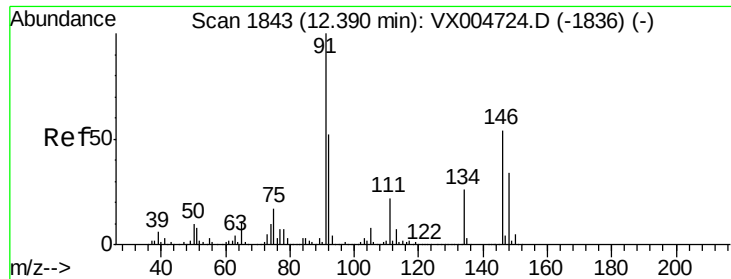
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.336 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.6  | 18.4  | 55.2  |
| 148     | 63.5  | 32.0  | 96.0  |





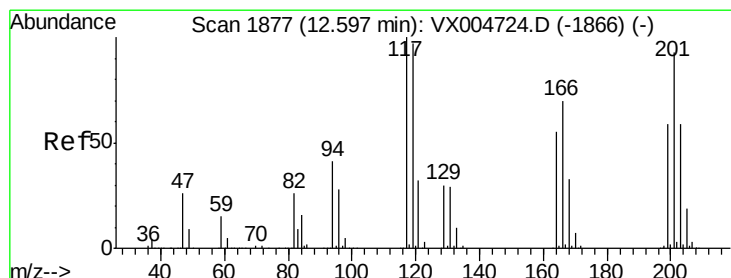
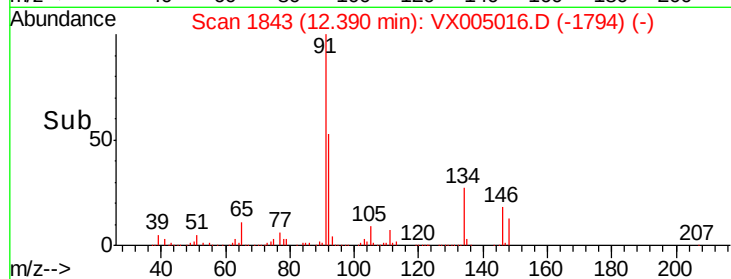
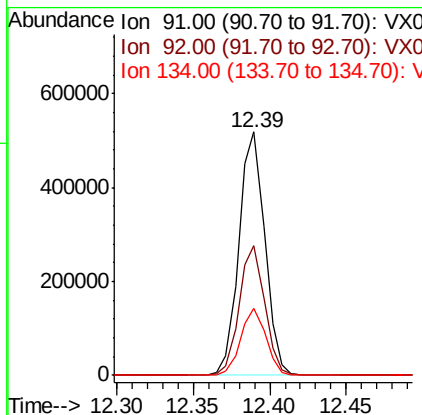
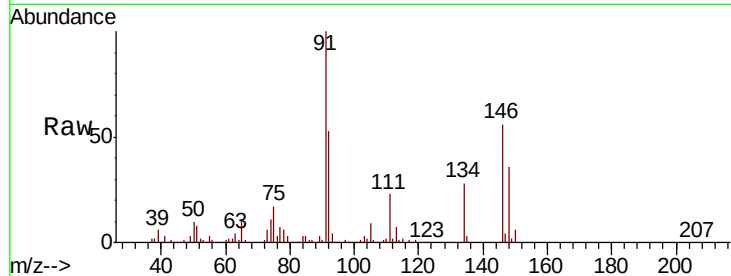
#89  
n-Butylbenzene  
Concen: 54.572 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 26.0  | 78.0  |
| 134     | 26.9  | 13.2  | 39.6  |

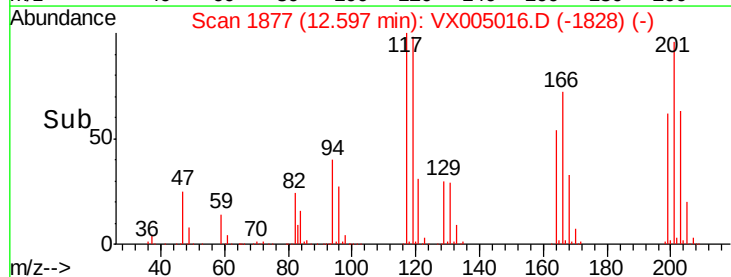
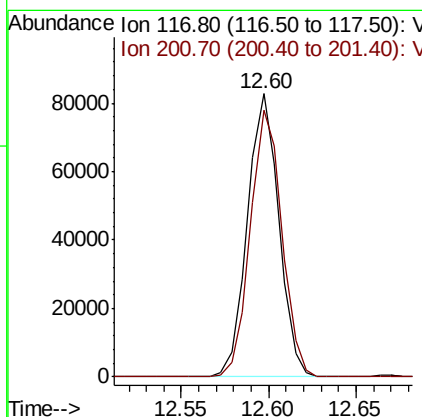
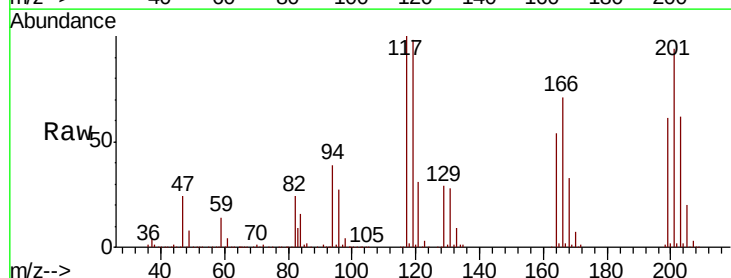
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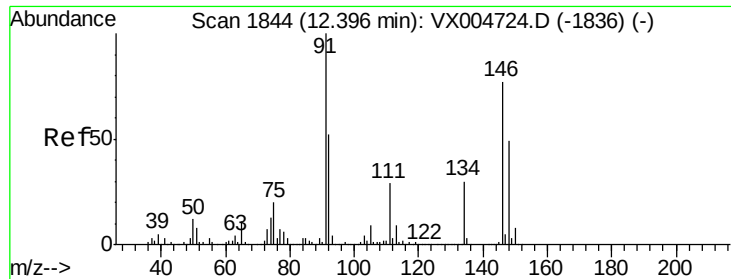
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#90  
Hexachloroethane  
Concen: 50.518 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 94.9  | 48.4  | 145.0 |





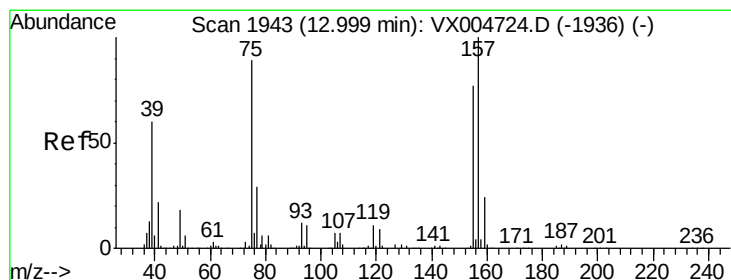
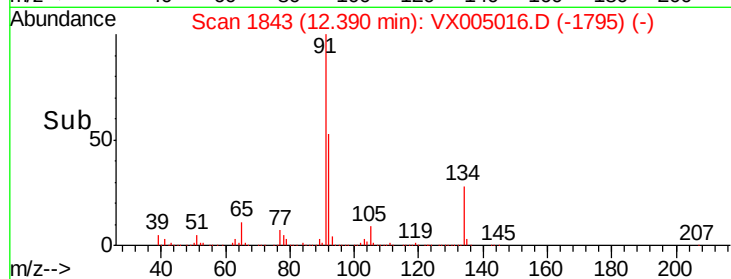
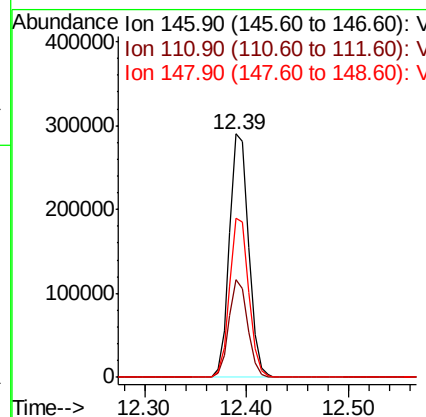
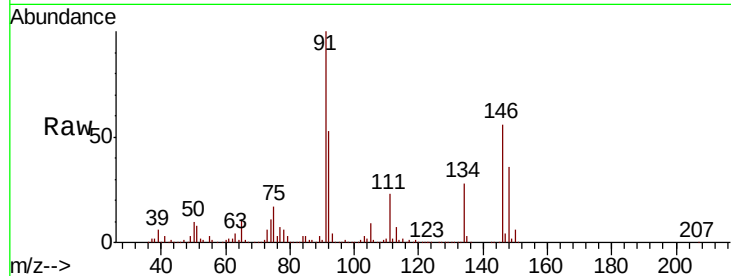
#91  
 1,2-Dichlorobenzene  
 Concen: 49.459 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.01 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 19.6  | 58.7  |
| 148     | 64.9  | 31.8  | 95.4  |

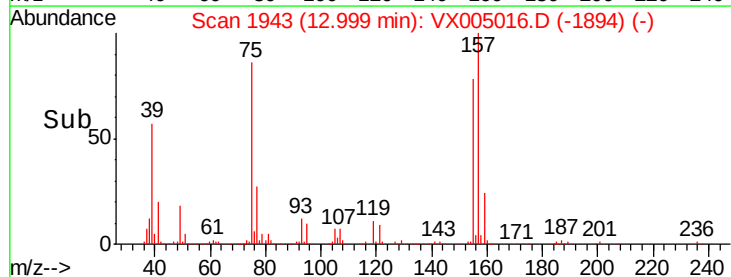
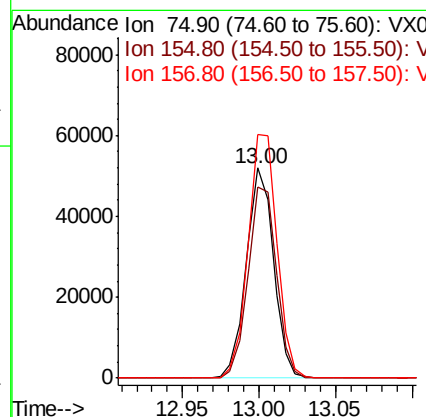
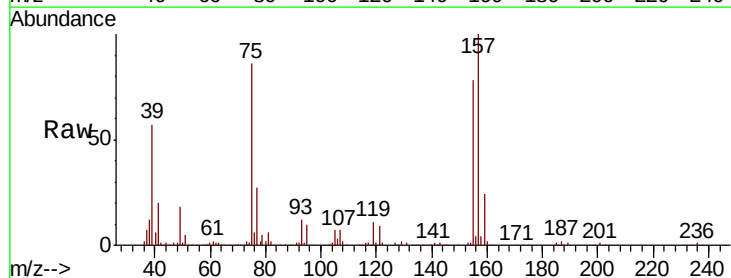
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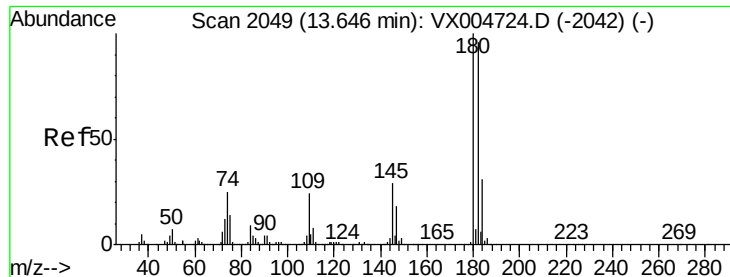
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.452 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.4  | 46.1  | 138.3 |
| 157     | 122.3 | 60.2  | 180.6 |





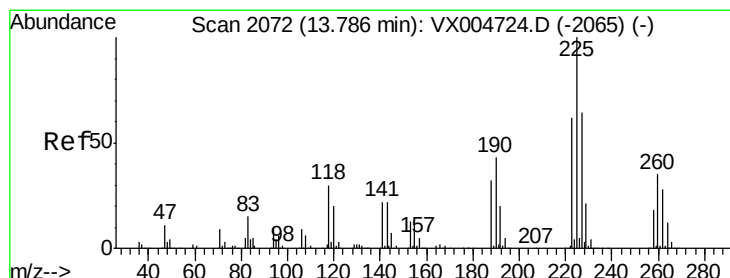
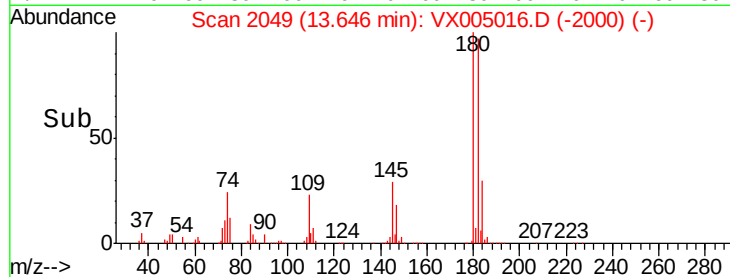
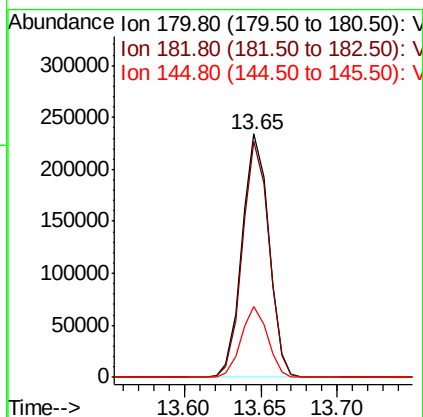
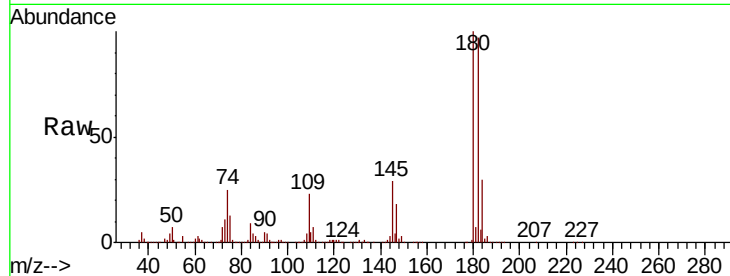
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.002 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 284780 |       |       |
| 182     | 96.4  | 47.8   | 143.4 |       |
| 145     | 28.7  | 14.1   | 42.4  |       |

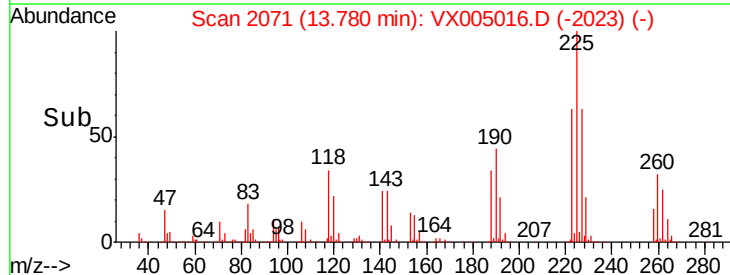
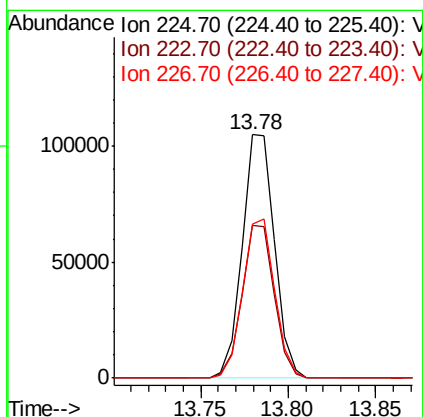
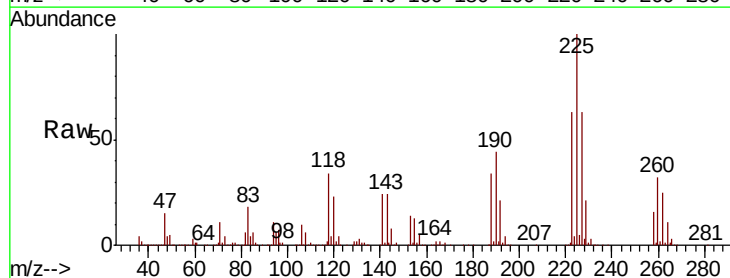
Manual Integrations  
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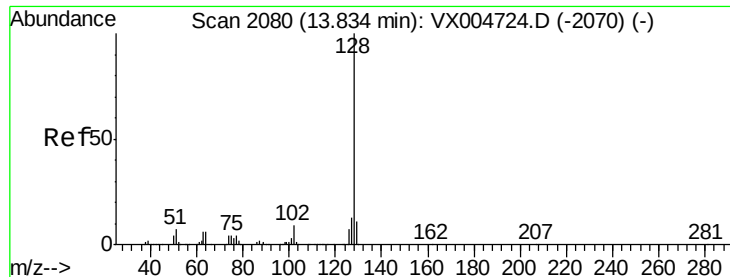
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#94  
 Hexachlorobutadiene  
 Concen: 48.162 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX005016.D  
 Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 134190 |       |       |
| 223     | 62.5  | 31.3   | 93.8  |       |
| 227     | 64.8  | 31.9   | 95.5  |       |





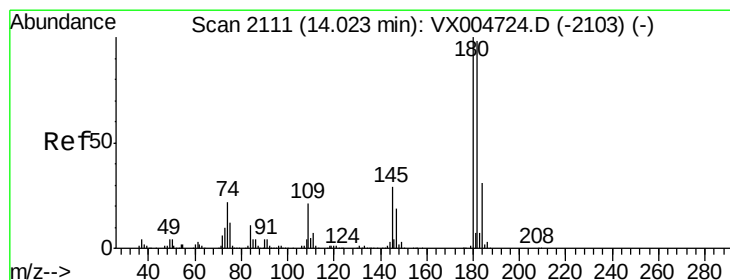
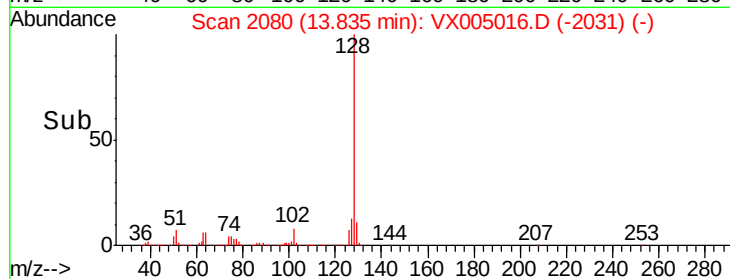
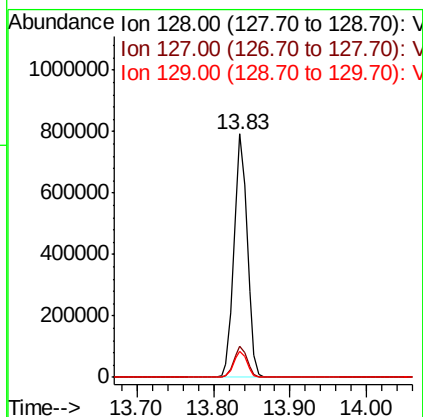
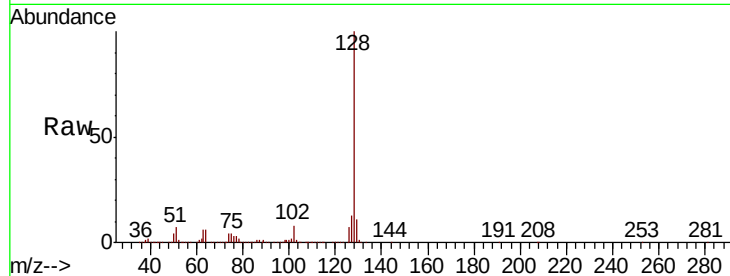
#95  
Naphthalene  
Concen: 53.306 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.4  | 15.6  |
| 129     | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 52.366 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX005016.D  
Acq: 04 Oct 2018 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.9  | 143.8 |
| 145     | 30.0  | 15.0  | 45.0  |

