

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\  
 Data File : VX006952.D  
 Acq On : 08 Jan 2019 13:18  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 1/9/2019 10:25:07 AM

Quant Time: Jan 08 13:38:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 13:20:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 588062   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 859215   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 772831   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 405933   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 596595   | 95.57  | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 191.14% |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 551633   | 100.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 201.84% |      |
| 50) Toluene-d8              | 8.71   | 98  | 2030742  | 100.46 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 200.92% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 707563   | 102.05 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 204.10% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 518800  | 110.919 | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 551892  | 96.551  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 596035  | 97.541  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 598382  | 88.742  | ug/l | 98     |
| 6) Chloroethane               | 1.70 | 64  | 434587  | 106.638 | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 960801  | 97.839  | ug/l | 97     |
| 8) Diethyl Ether              | 2.19 | 74  | 370388  | 93.419  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 555139  | 93.250  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 874269  | 118.342 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.09 | 59  | 699426  | 476.555 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 526090  | 96.940  | ug/l | 99     |
| 13) Acrolein                  | 2.30 | 56  | 304418  | 441.338 | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 922189  | 100.311 | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 1630741 | 482.396 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 1409211 | 444.559 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 1425680 | 104.709 | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 815108  | 89.464  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 1823984 | 96.475  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 580961  | 85.662  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 563253  | 91.299  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.87 | 45  | 1681240 | 94.973  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.82 | 43  | 7285219 | 493.897 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 942493  | 95.496  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 2070216 | 461.185 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 751321  | 101.118 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 628885  | 92.446  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 417078  | 95.639  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 1372502 | 475.190 | ug/l | 97     |
| 30) Chloroform                | 5.22 | 83  | 987673  | 95.521  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 845358  | 96.593  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 875320  | 102.633 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 733348  | 97.821  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 801845  | 99.546  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 780644  | 106.840 | ug/l | 98     |

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 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 1/9/2019 10:25:07 AM

Quant Time: Jan 08 13:38:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 13:20:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 925827   | 96.123   | ug/l  | 99       |
| 40) Benzene                    | 6.14  | 78   | 2202281  | 95.247   | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 440674   | 92.656   | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 747455   | 92.463   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 1305644  | 104.252  | ug/l  | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 646220   | 92.574   | ug/l  | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 561522   | 96.902   | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 401636   | 99.587   | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 736319   | 111.921  | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 649267   | 99.311   | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 306172   | 1777.058 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 4058978  | 497.181  | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 1434869  | 96.295   | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 835784   | 115.977  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 915147   | 114.111  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 581616   | 98.339   | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 880866   | 104.063  | ug/l  | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 939017   | 96.004   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 2210804  | 502.671  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 3125906  | 509.215  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 651385   | 122.952  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 649248   | 99.899   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 626445   | 90.616   | ug/l  | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 1625113  | 94.653   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 603105   | 110.245  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 2713761  | 96.158   | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 2175538  | 197.315  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 1042306  | 96.495   | ug/l  | 97       |
| 70) Styrene                    | 10.71 | 104  | 1707539  | 101.750  | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 511380   | 133.806  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 2740184  | 92.659   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 1187886  | 104.574  | ug/l  | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 879718   | 95.411   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 810590m  | 96.988   | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 751707   | 92.686   | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 3045205  | 94.608   | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 1778632  | 90.659   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 2288172  | 93.078   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 280452   | 137.703  | ug/l  | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 2123952  | 95.332   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 2338657  | 96.628   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 2329940  | 94.847   | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 2726387  | 93.209   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 2472031  | 95.320   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 1342662  | 91.662   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 1350884  | 88.802   | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 2192771  | 101.568  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 419951   | 128.234  | ug/l  | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 1339304  | 93.106   | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 193386   | 112.019  | ug/l  | 98       |

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Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

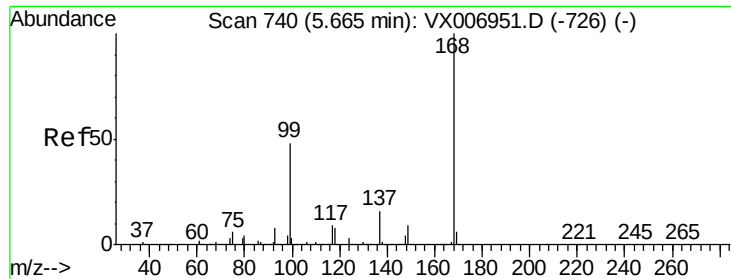
MMDadoda  
1/9/2019 10:25:07 AM

Quant Time: Jan 08 13:38:49 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 13:20:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 967241   | 100.608 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 420088   | 97.332  | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 2903025  | 98.788  | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 951358   | 98.845  | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 588062

Ion Ratio Lower Upper

168 100

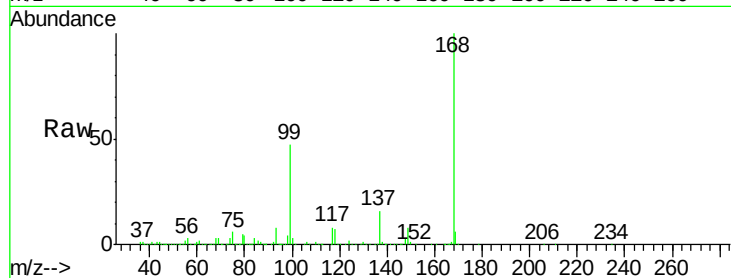
99 46.4 41.8 62.8

Manual Integrations

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1/9/2019 10:25:07 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

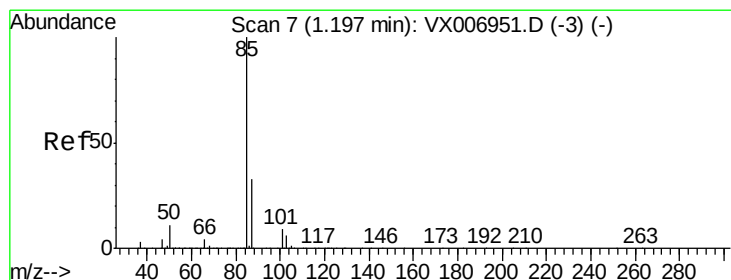
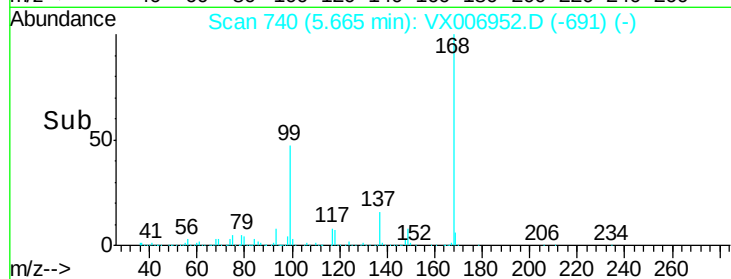
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 110.919 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006952.D

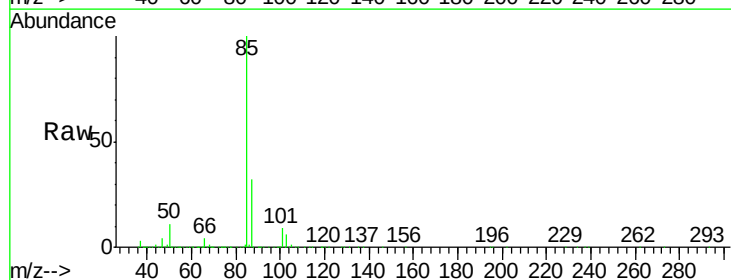
Acq: 08 Jan 2019 13:18

Tgt Ion: 85 Resp: 518800

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600000

500000

400000

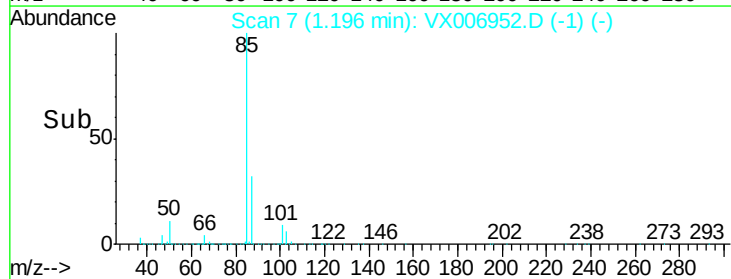
300000

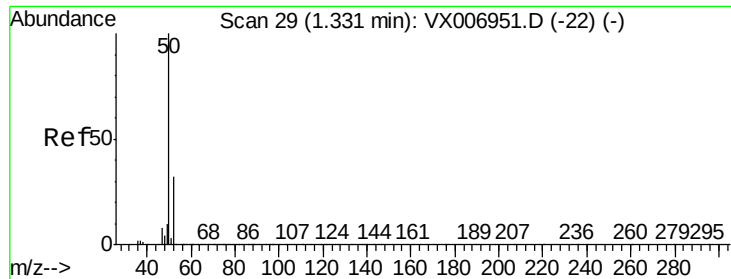
200000

100000

0

Time-->





#3

Chloromethane

Concen: 96.551 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC100

Tot Ion: 50 Resp: 551892

Ion Ratio Lower Upper

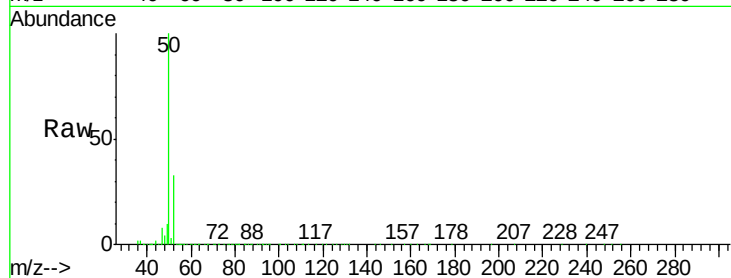
50 100

52 32.7 25.4 38.2

Manual Integrations  
APPROVED

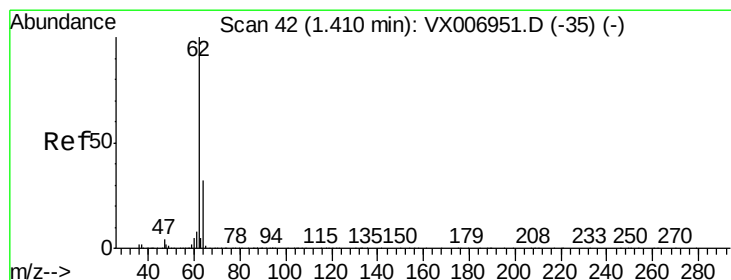
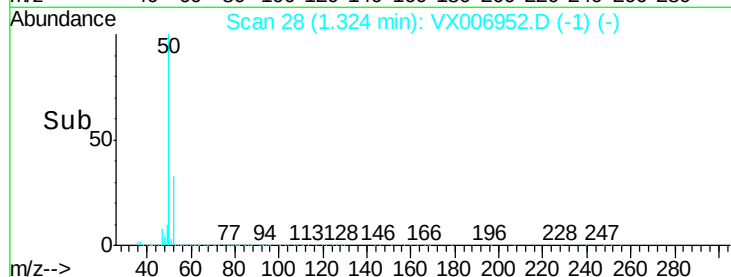
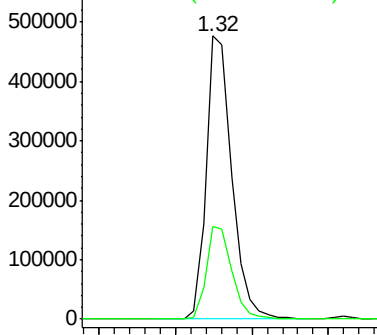
MMDadoda

1/9/2019 10:25:07 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 97.541 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006952.D

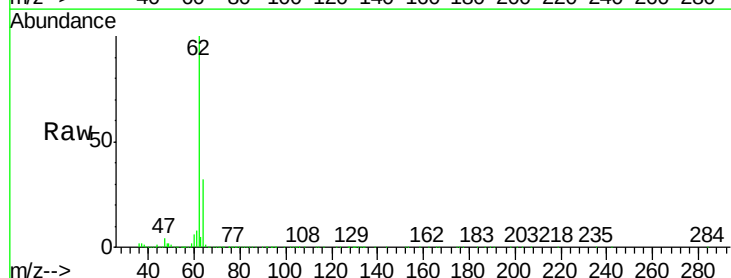
Acq: 08 Jan 2019 13:18

Tgt Ion: 62 Resp: 596035

Ion Ratio Lower Upper

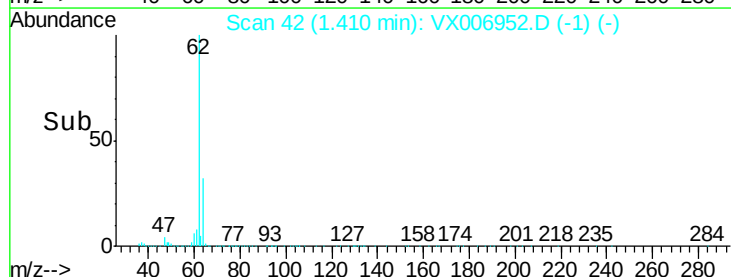
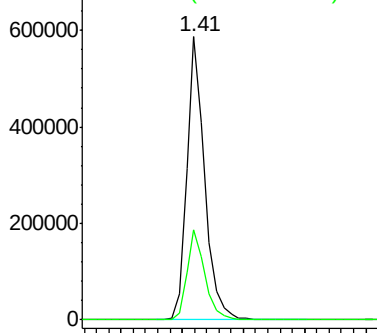
62 100

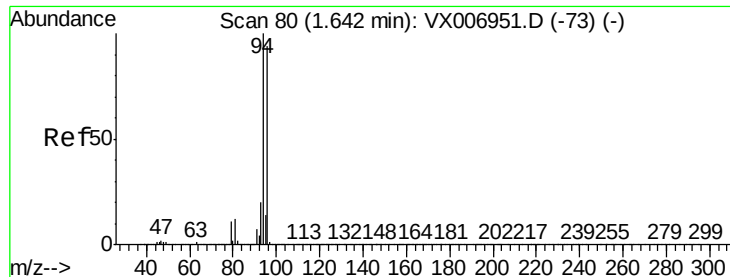
64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 88.742 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 598382

Ion Ratio Lower Upper

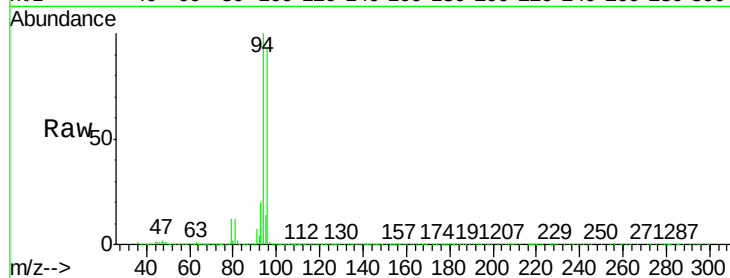
94 100

96 93.3 73.4 110.2

Manual Integrations  
APPROVED

MMDadoda

1/9/2019 10:25:07 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

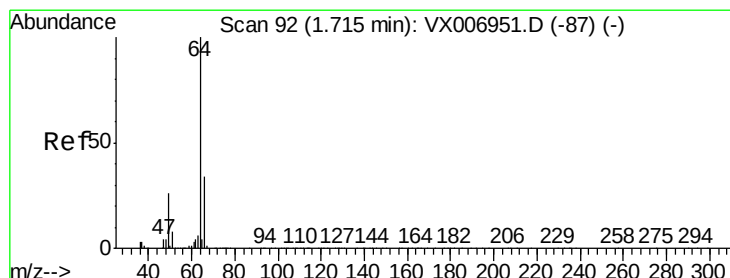
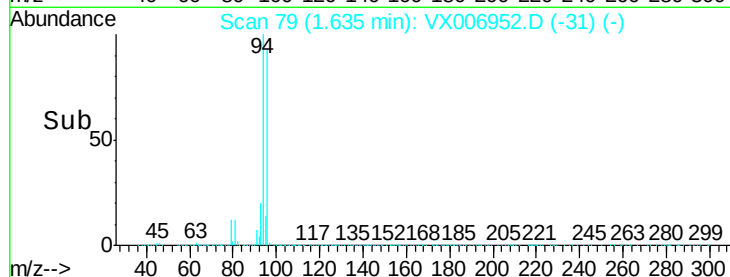
600000

400000

200000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 106.638 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX006952.D

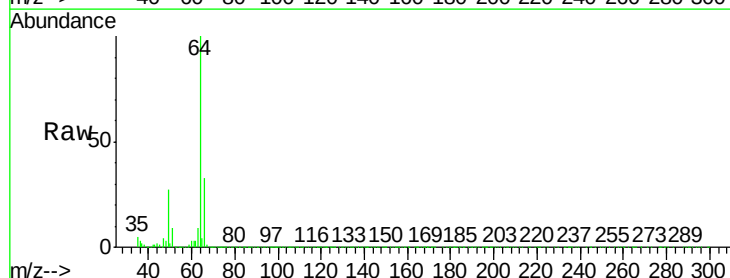
Acq: 08 Jan 2019 13:18

Tgt Ion: 64 Resp: 434587

Ion Ratio Lower Upper

64 100

66 33.1 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

400000

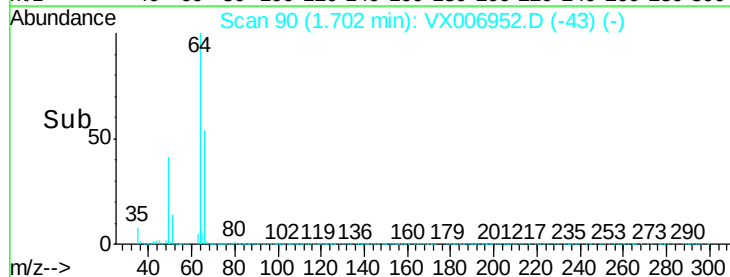
300000

200000

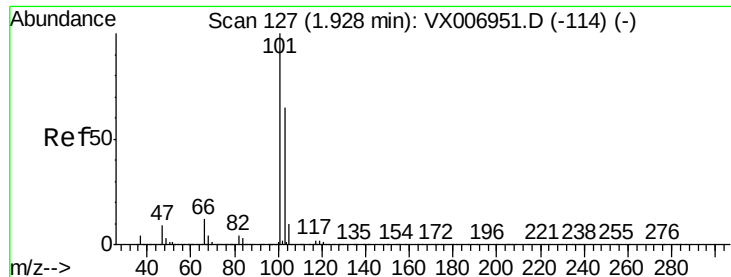
100000

0

Time--> 1.60 1.65 1.70 1.75 1.80







#7

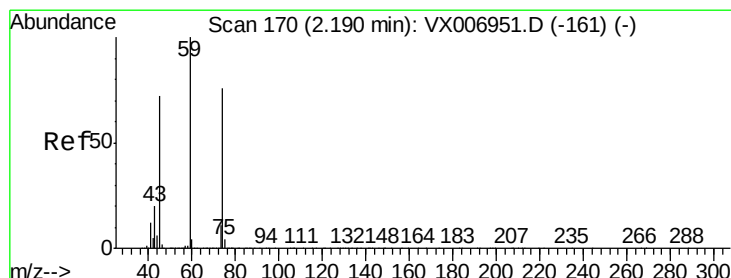
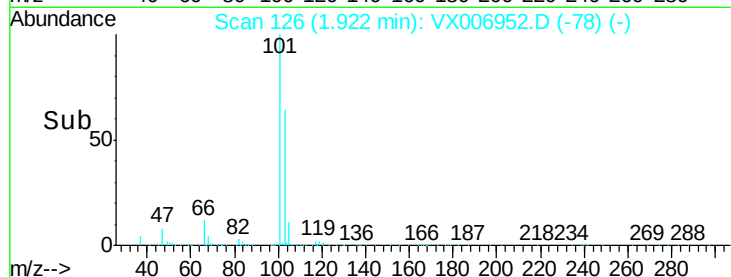
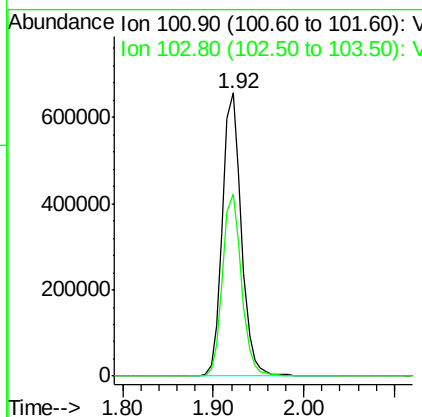
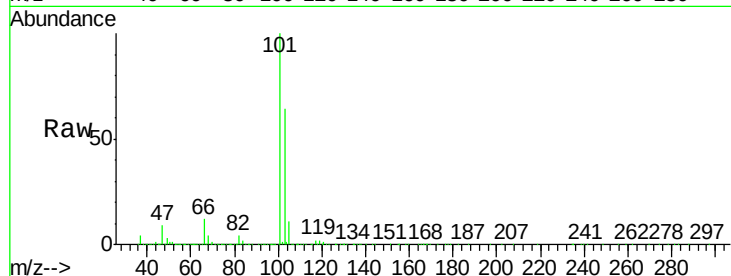
Trichlorofluoromethane  
Concen: 97.839 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.4  | 53.2  | 79.8  |

Manual Integrations  
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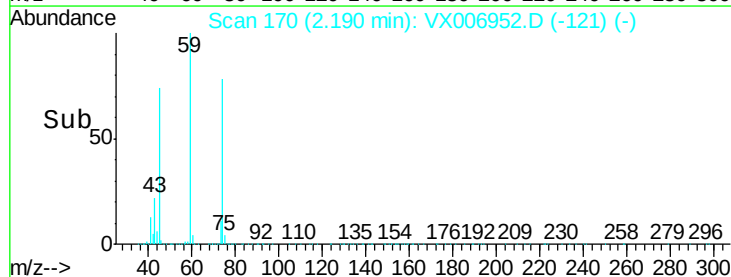
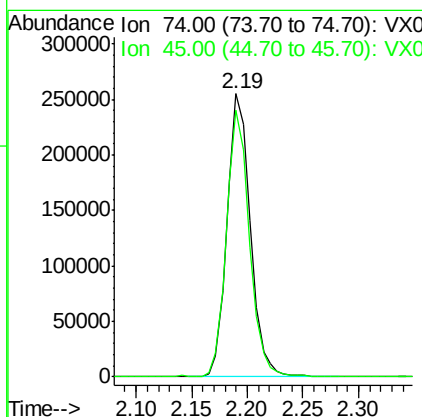
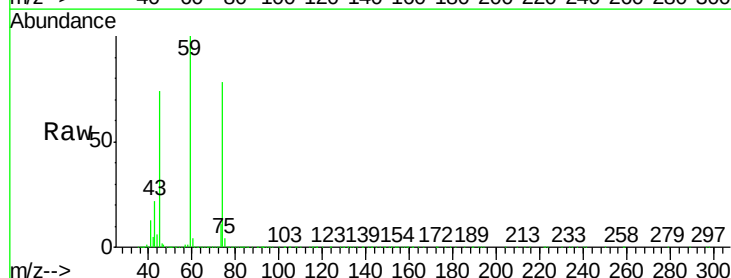
MMDadoda  
1/9/2019 10:25:07 AM



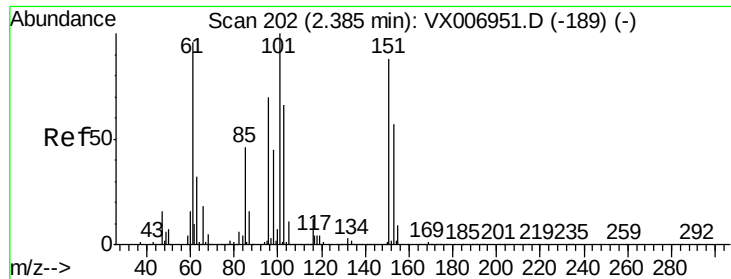
#8

Diethyl Ether  
Concen: 93.419 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.9  | 46.3  | 138.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.250 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

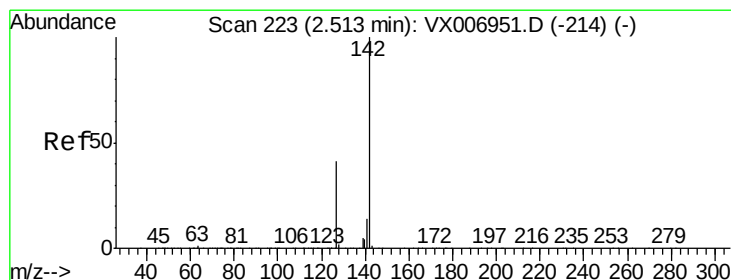
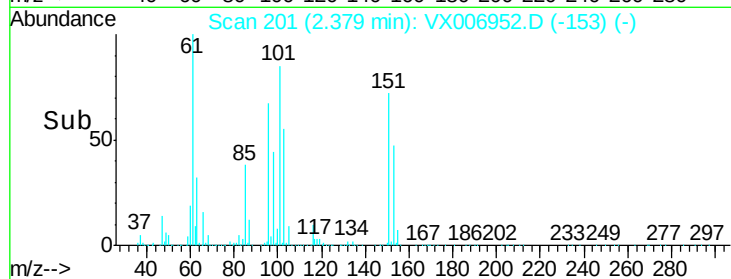
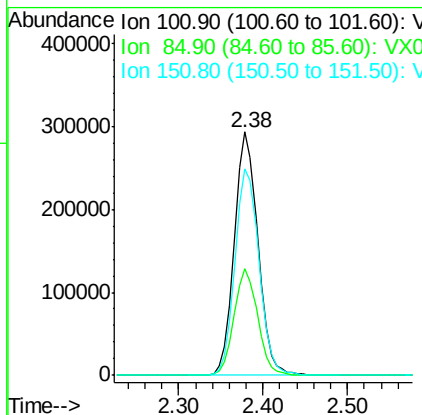
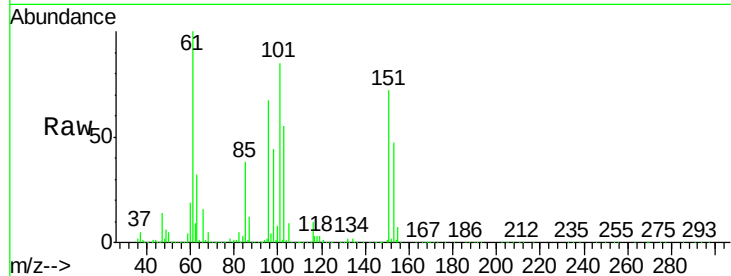
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 555139 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.8  | 35.1  | 52.7   |
| 151       | 86.8  | 68.9  | 103.3  |

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#10

Methyl Iodide

Concen: 118.342 ug/l

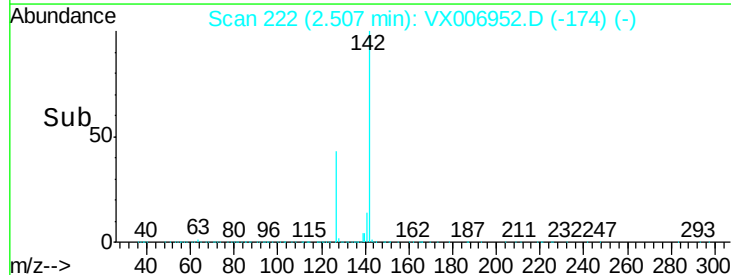
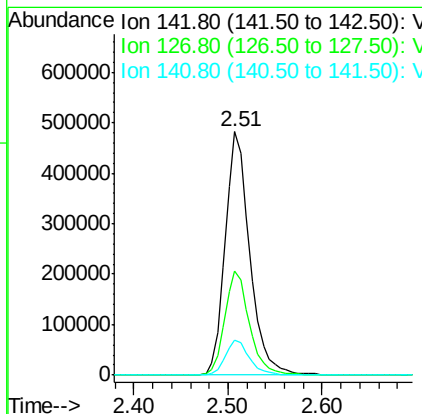
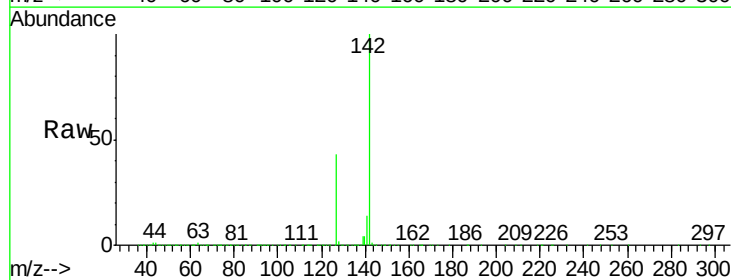
RT: 2.51 min Scan# 222

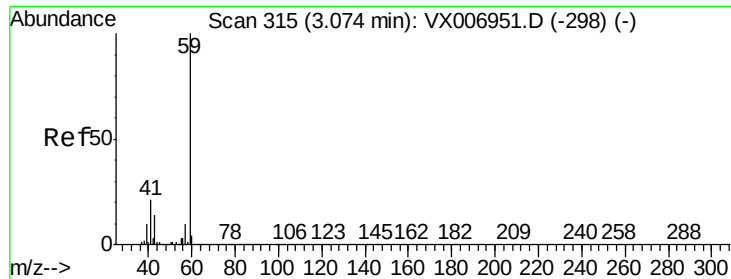
Delta R.T. -0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 874269 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.8  | 33.9  | 50.9   |
| 141       | 14.2  | 11.4  | 17.0   |





#11

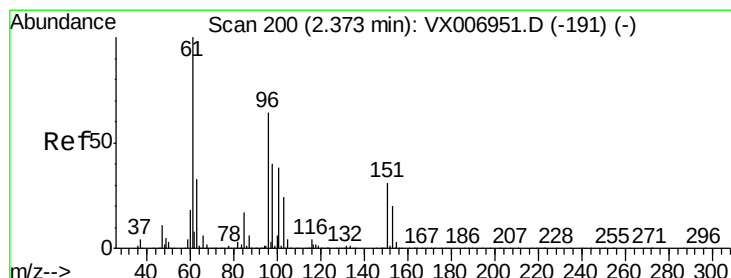
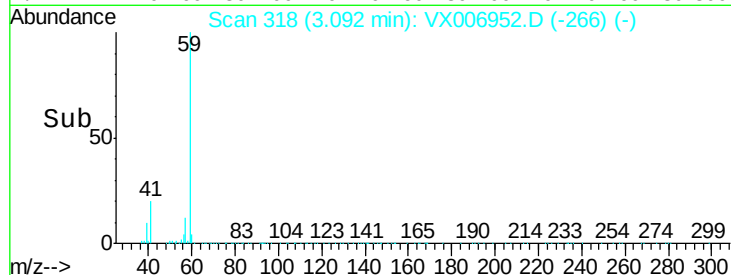
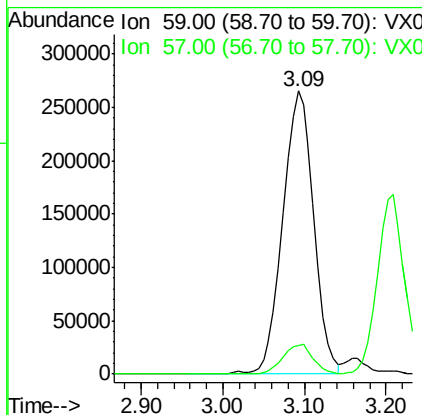
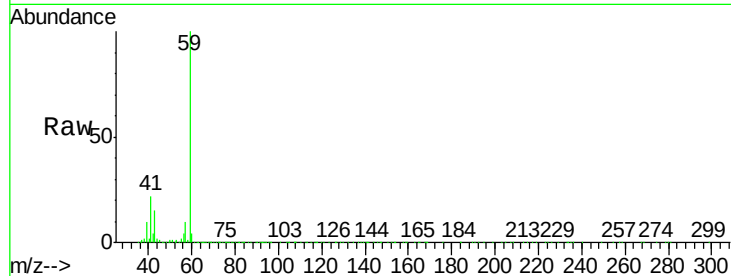
Tert butyl alcohol  
Concen: 476.555 ug/l  
RT: 3.09 min Scan# 318  
Delta R.T. 0.02 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.5   | 12.7  |

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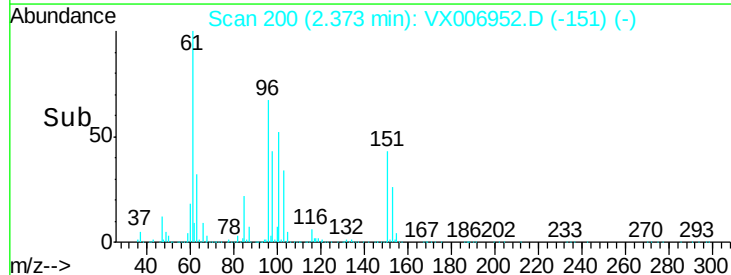
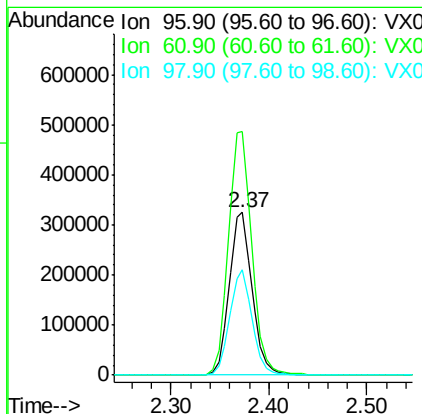
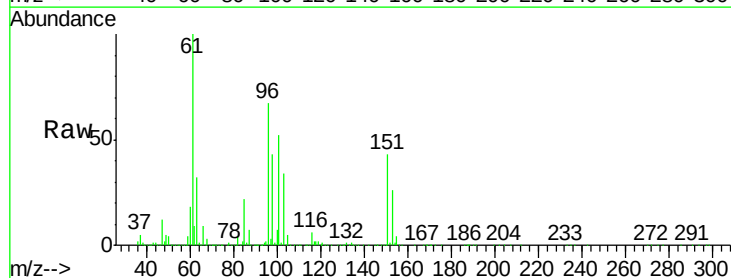
MMDadoda  
1/9/2019 10:25:07 AM

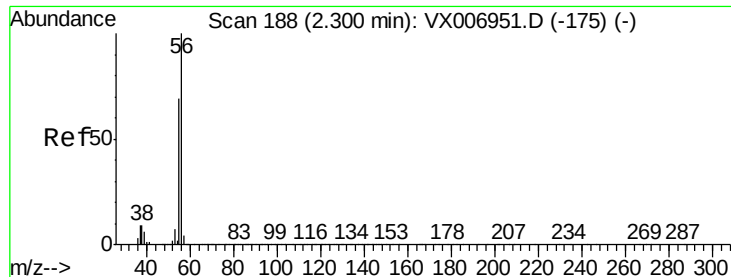


#12

1,1-Dichloroethene  
Concen: 96.940 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.6 | 121.4 | 182.2 |
| 98      | 64.9  | 51.9  | 77.9  |





#13

Acrolein

Concen: 441.338 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 304418

Ion Ratio Lower Upper

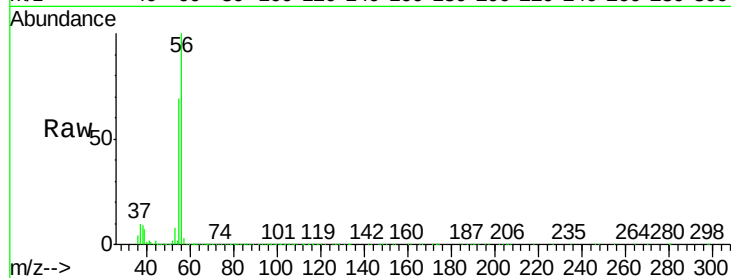
56 100

55 71.5 58.2 87.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

100000

50000

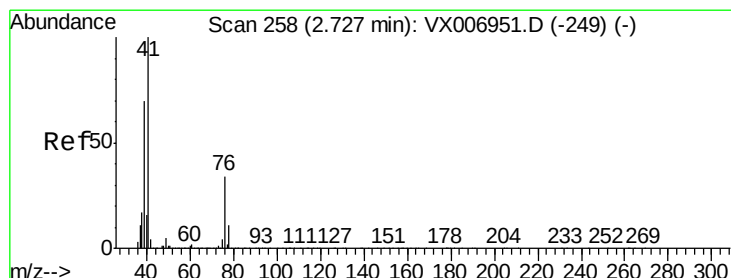
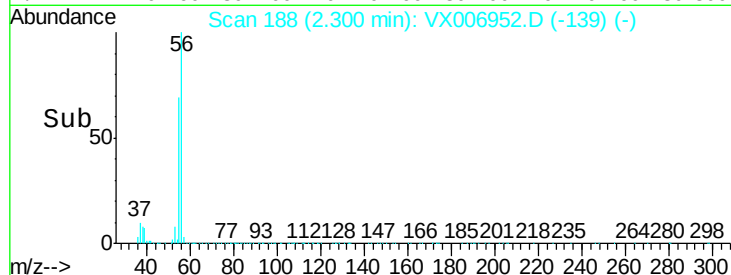
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 100.311 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

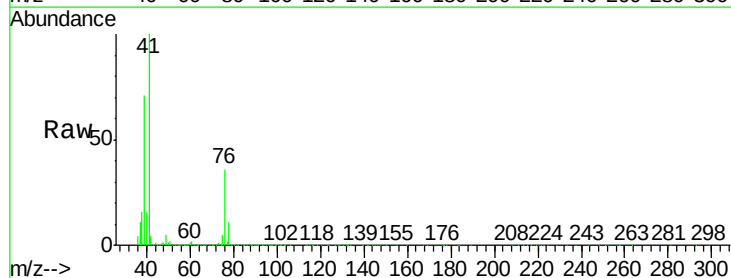
Tgt Ion: 41 Resp: 922189

Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 34.4 27.4 41.2



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

600000

400000

200000

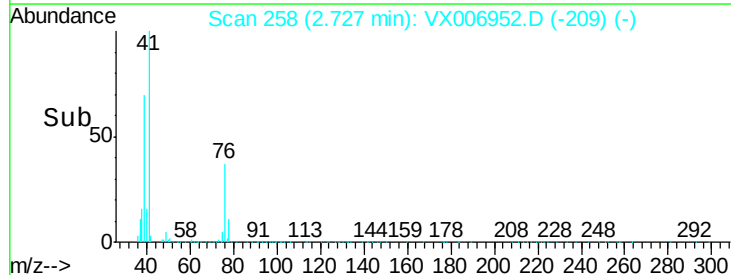
0

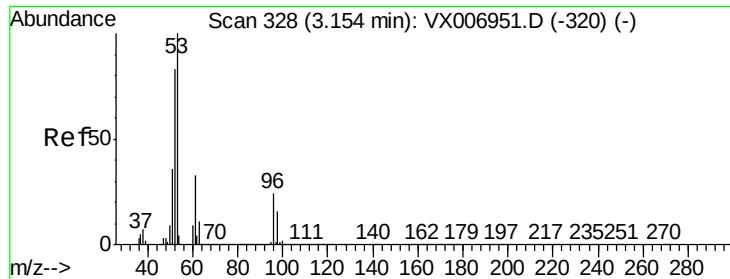
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 482.396 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

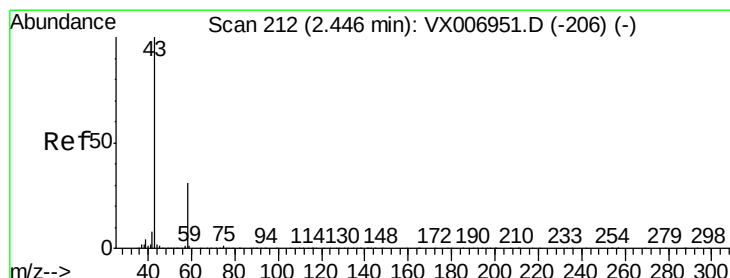
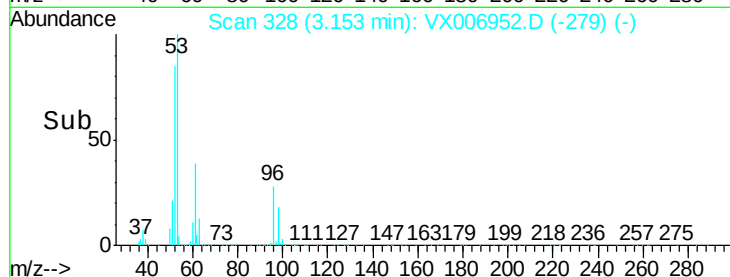
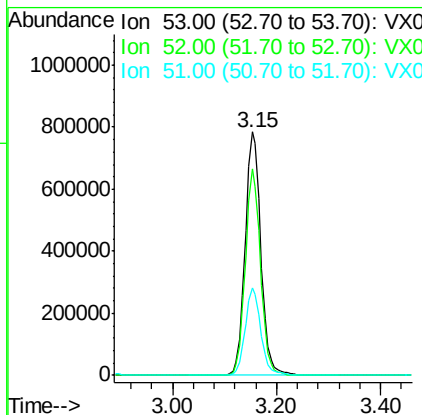
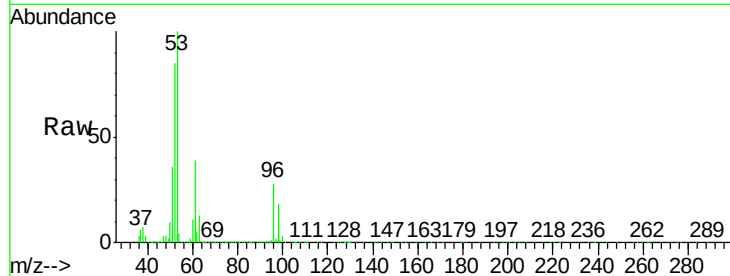
ClientSampleId :

VSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 53    | Resp: | 1630741 |
| Ion      | Ratio | Lower | Upper   |
| 53       | 100   |       |         |
| 52       | 81.6  | 66.0  | 99.0    |
| 51       | 35.8  | 28.6  | 42.8    |

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#16

Acetone

Concen: 444.559 ug/l

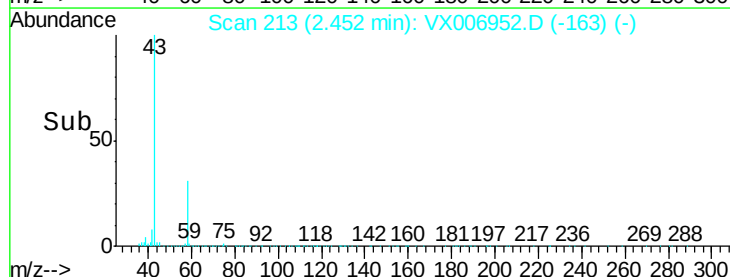
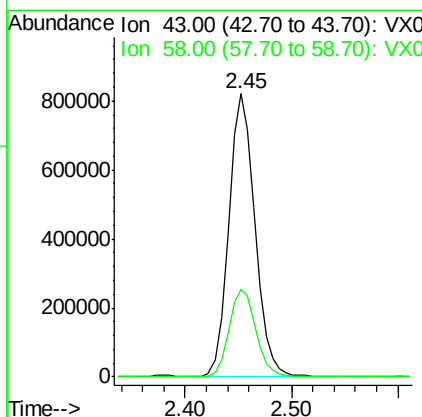
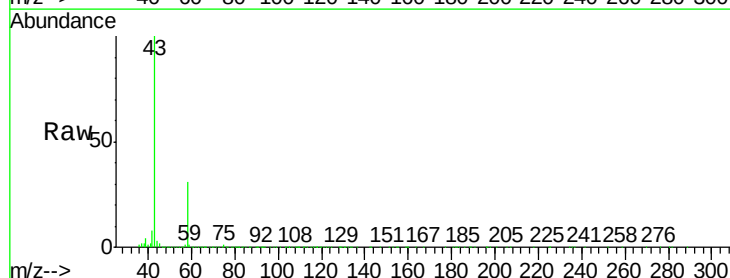
RT: 2.45 min Scan# 213

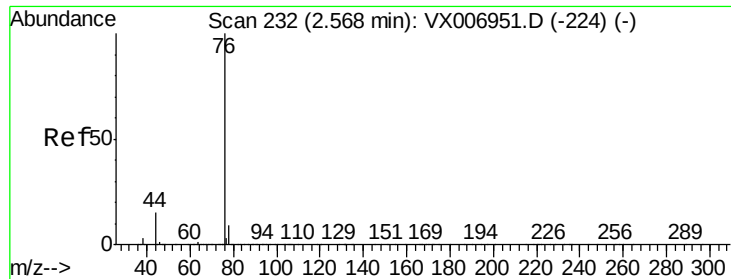
Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1409211 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 58       | 30.8  | 25.0  | 37.6    |





#17

Carbon Disulfide

Concen: 104.709 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1425680

Ion Ratio Lower Upper

76 100

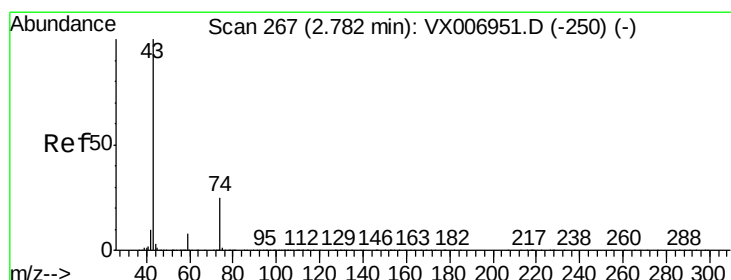
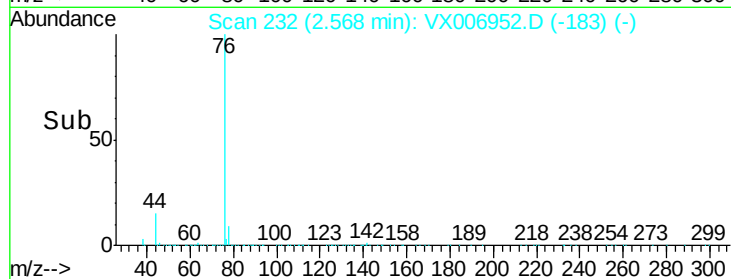
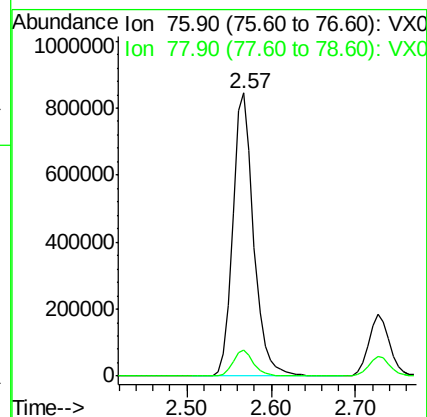
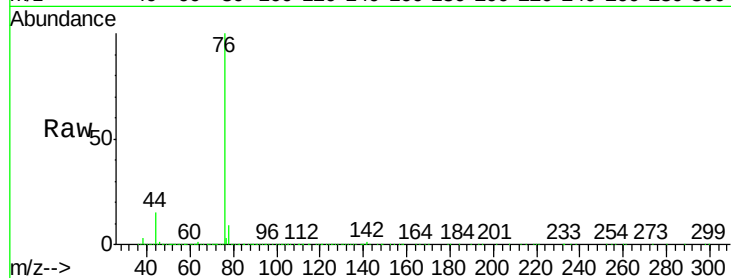
78 9.3 7.0 10.6

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#18

Methyl Acetate

Concen: 89.464 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006952.D

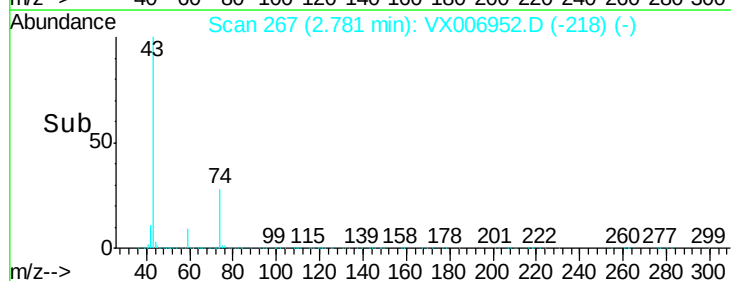
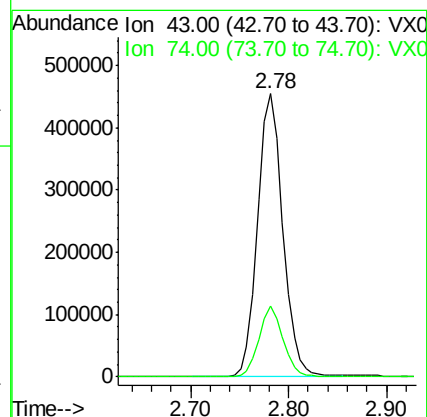
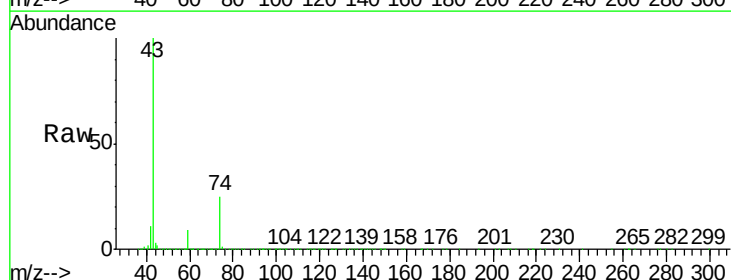
Acq: 08 Jan 2019 13:18

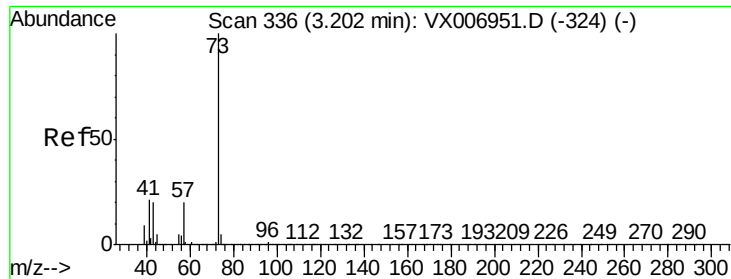
Tgt Ion: 43 Resp: 815108

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0





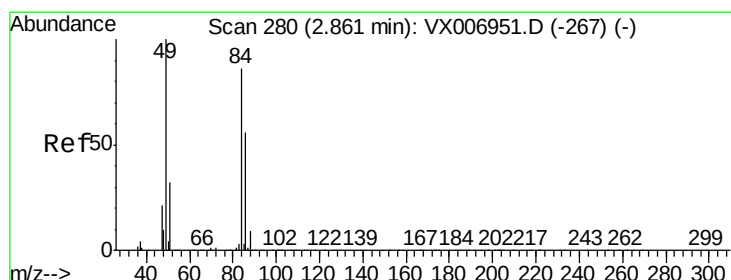
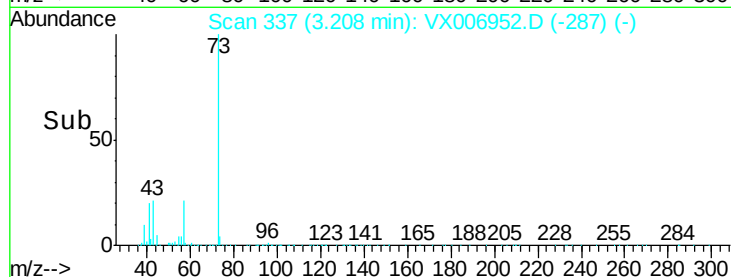
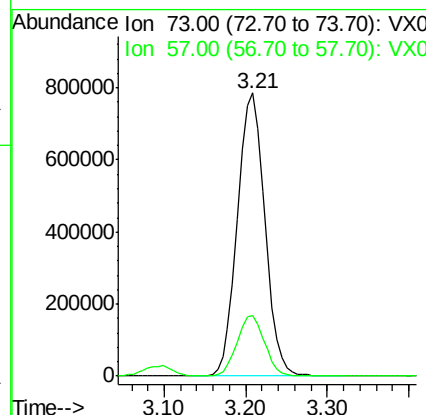
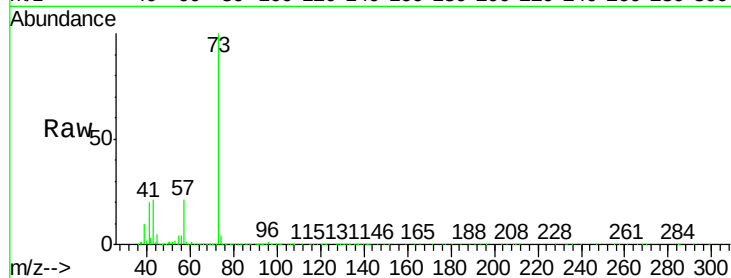
#19  
Methyl tert-butyl Ether  
Concen: 96.475 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tot Ion: 73 Resp: 1823984  
Ion Ratio Lower Upper  
73 100  
57 21.3 16.8 25.2

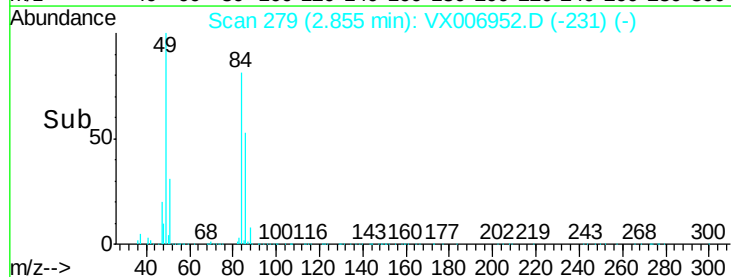
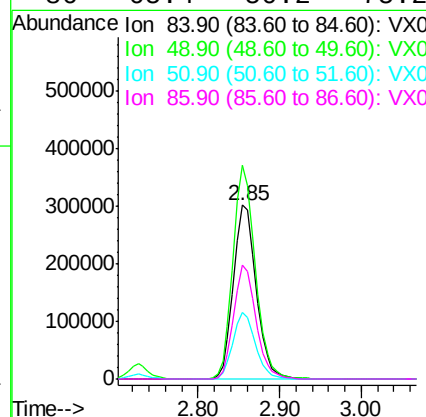
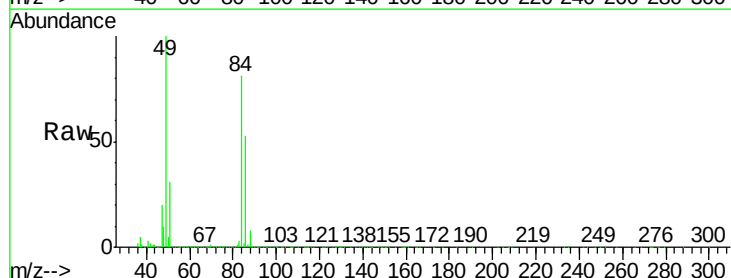
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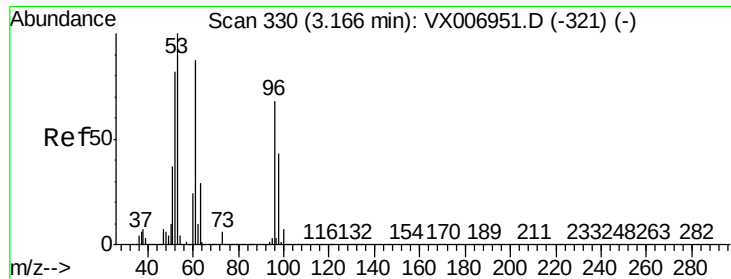
MMDadoda  
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#20  
Methylene Chloride  
Concen: 85.662 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Tgt Ion: 84 Resp: 580961  
Ion Ratio Lower Upper  
84 100  
49 122.9 91.8 137.6  
51 38.5 28.5 42.7  
86 65.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 91.299 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

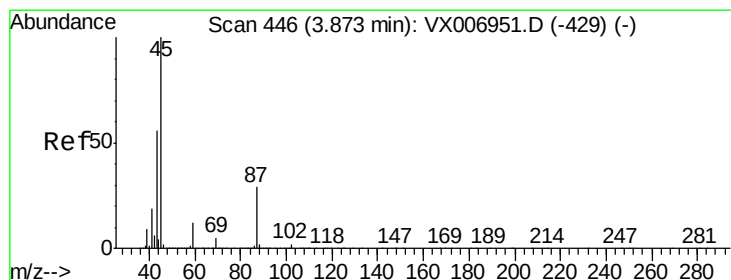
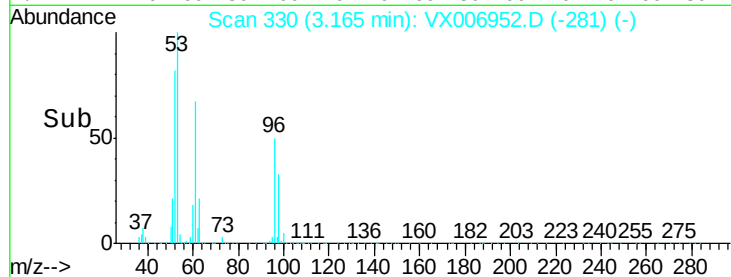
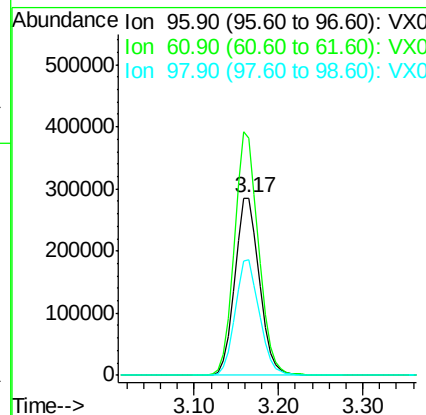
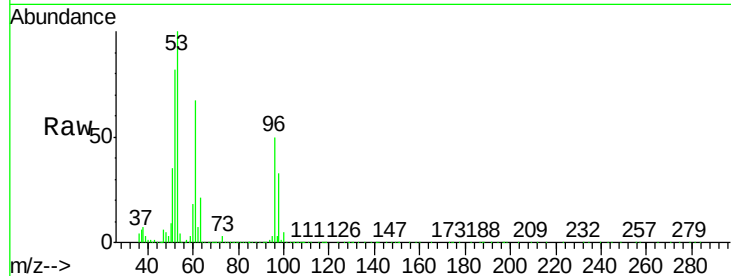
ClientSampled :

VSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 563253 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 133.3 | 103.7 | 155.5  |
| 98        | 64.9  | 51.0  | 76.6   |

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#22

Diisopropyl ether

Concen: 94.973 ug/l

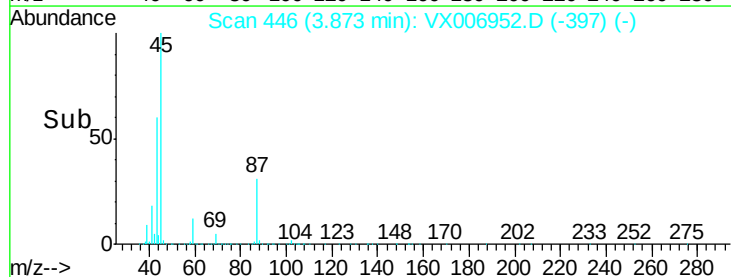
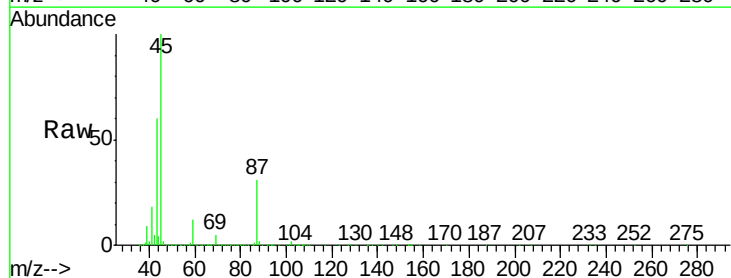
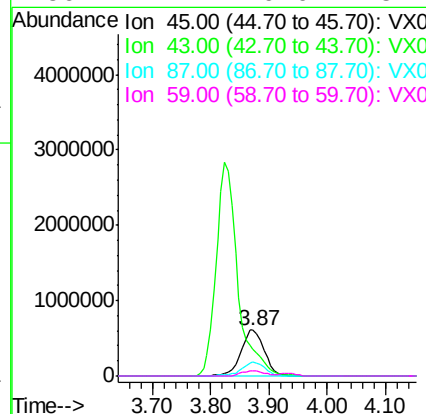
RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

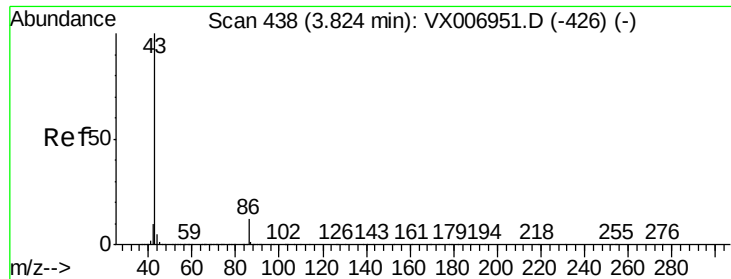
Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1681240 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 43        | 59.9  | 51.2  | 76.8    |
| 87        | 31.0  | 25.8  | 38.6    |
| 59        | 12.1  | 9.0   | 13.4    |







#23

Vinyl Acetate

Concen: 493.897 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 7285219

Ion Ratio Lower Upper

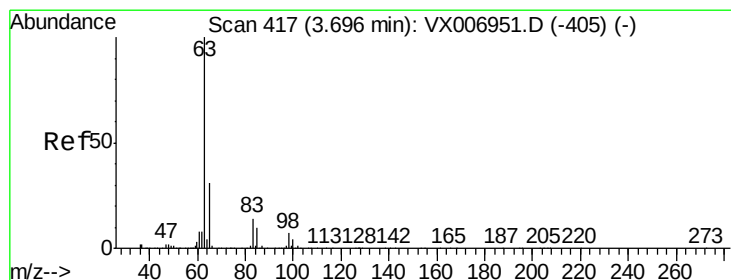
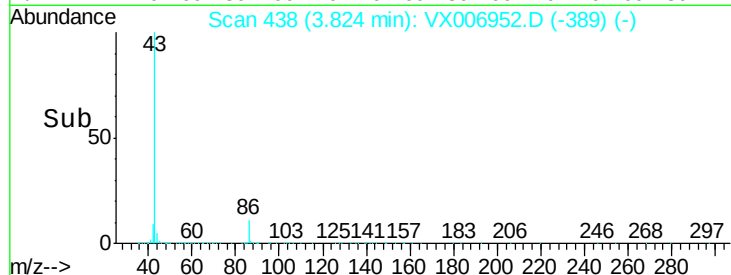
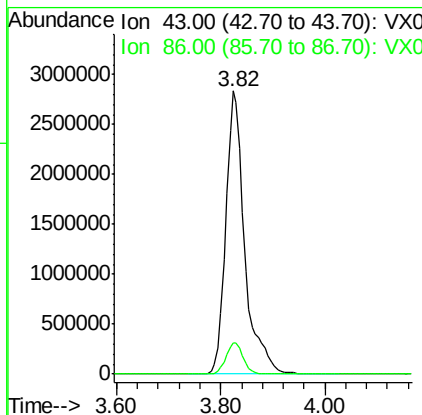
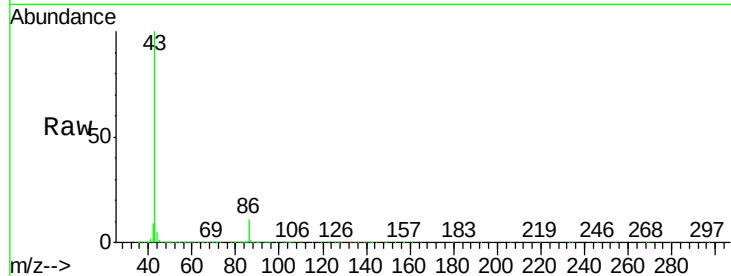
43 100

86 11.1 9.2 13.8

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 95.496 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

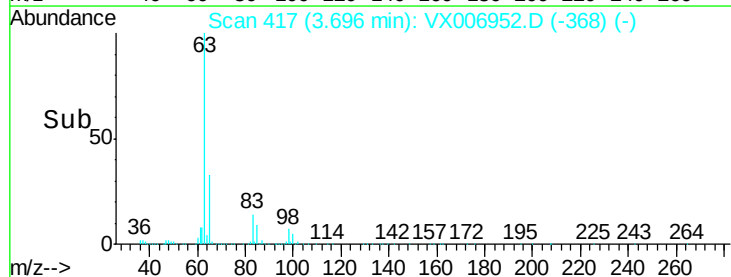
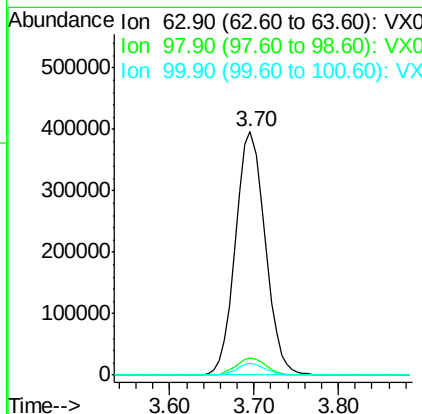
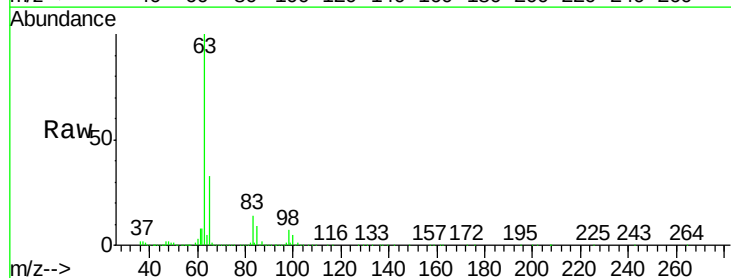
Tgt Ion: 63 Resp: 942493

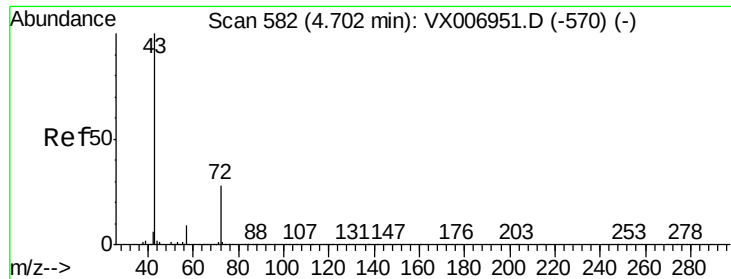
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 461.185 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2070216

Ion Ratio Lower Upper

43 100

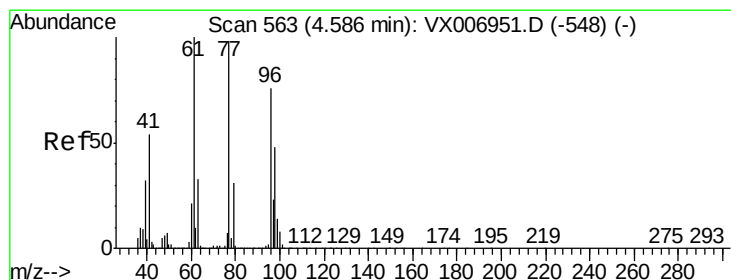
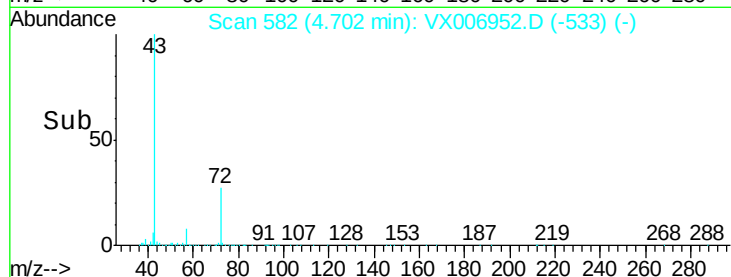
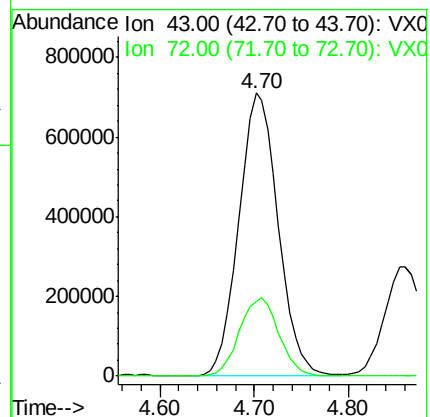
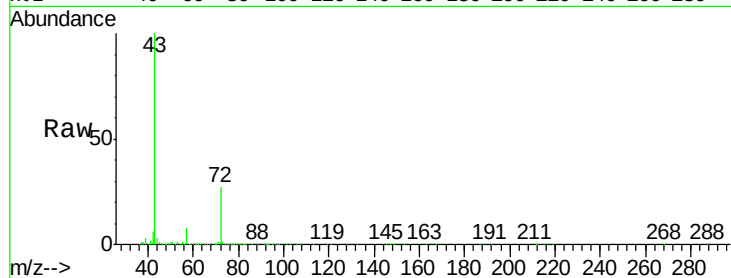
72 26.5 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 101.118 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006952.D

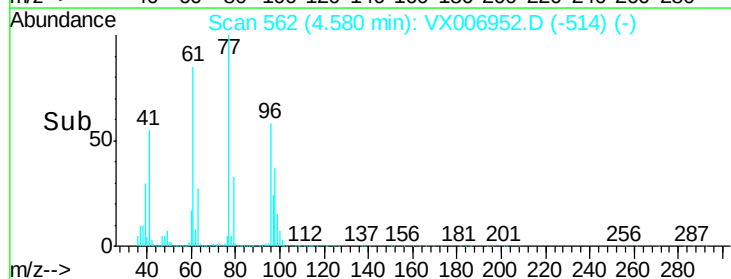
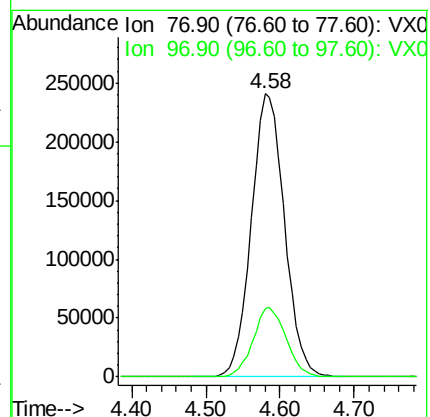
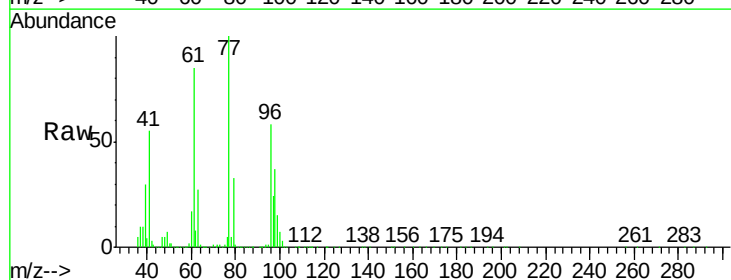
Acq: 08 Jan 2019 13:18

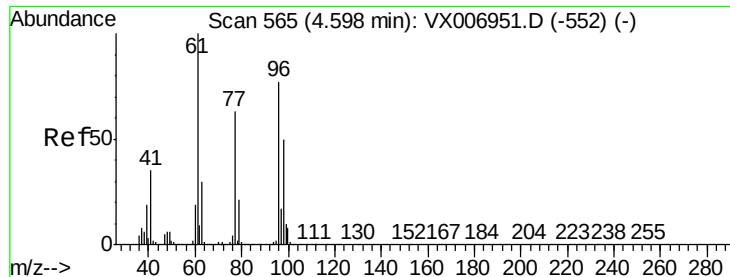
Tgt Ion: 77 Resp: 751321

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

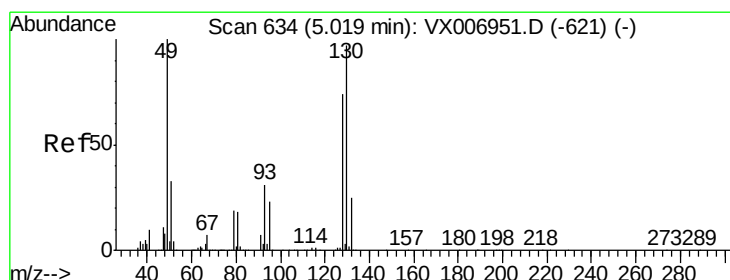
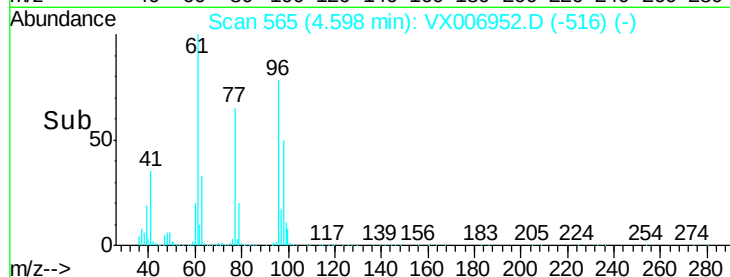
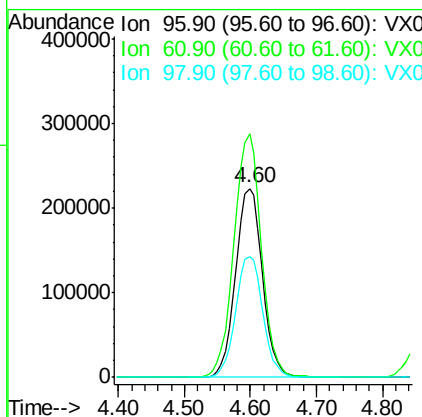
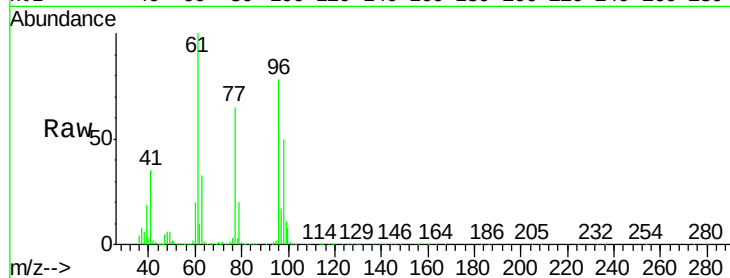
cis-1,2-Dichloroethene  
Concen: 92.446 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.5 | 0.0   | 258.6 |
| 98      | 64.7  | 0.0   | 132.0 |

Manual Integrations  
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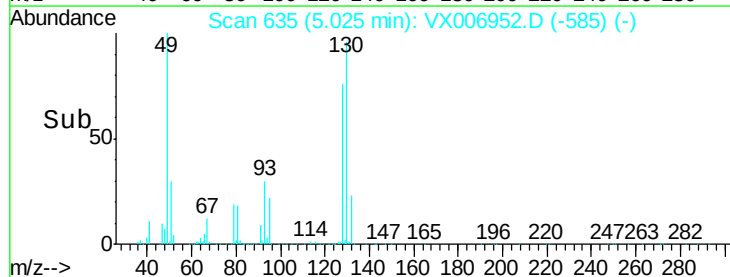
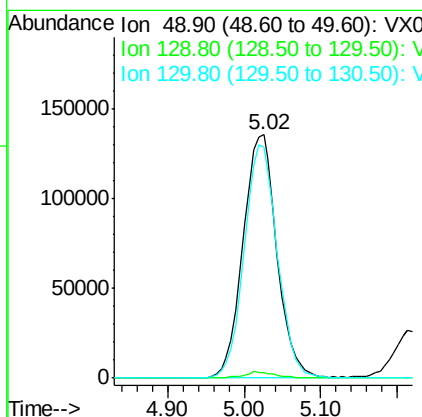
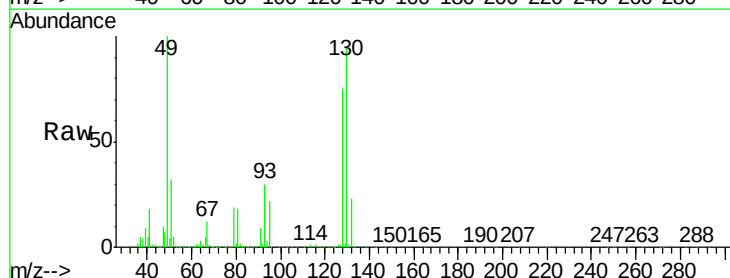
MMDadoda  
1/9/2019 10:25:07 AM

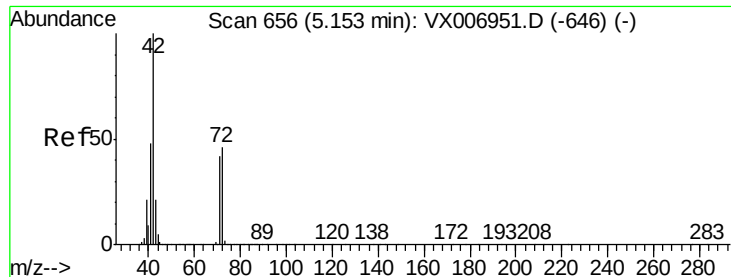


#28

Bromochloromethane  
Concen: 95.639 ug/l  
RT: 5.02 min Scan# 635  
Delta R.T. 0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 5.4   |
| 130     | 94.1  | 77.7  | 116.5 |





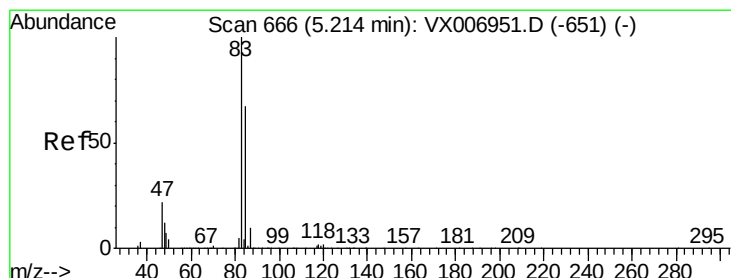
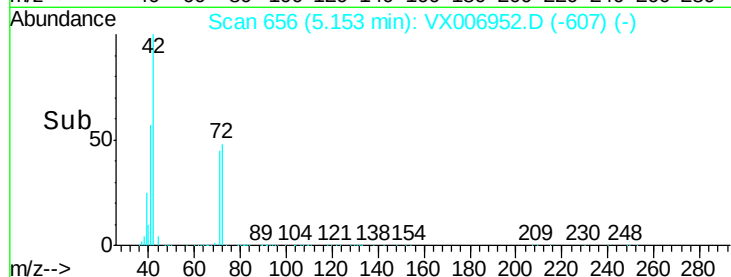
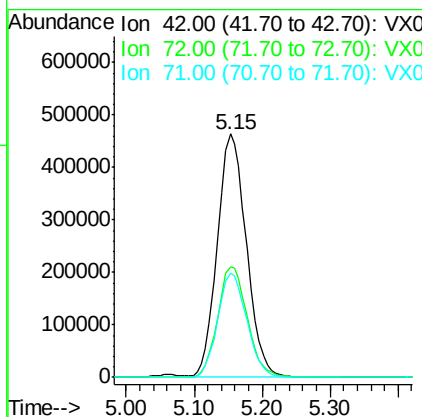
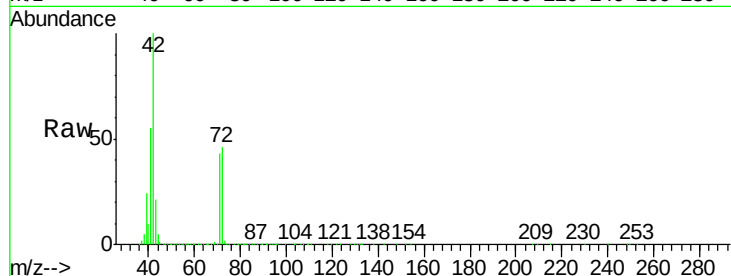
#29  
Tetrahydrofuran  
Concen: 475.190 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tot Ion: 42 Resp: 1372502  
Ion Ratio Lower Upper  
42 100  
72 46.5 38.9 58.3  
71 43.0 36.2 54.4

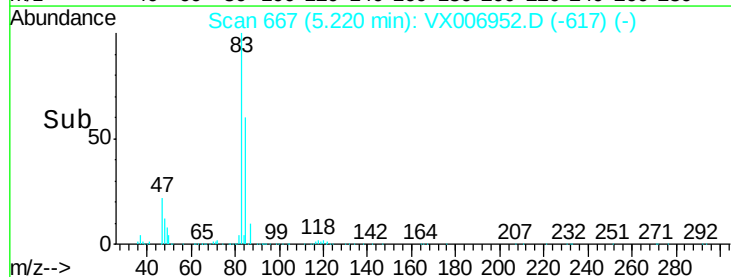
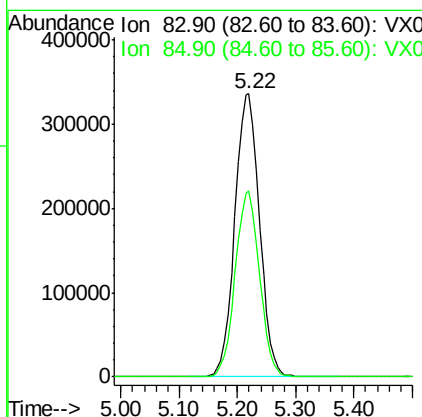
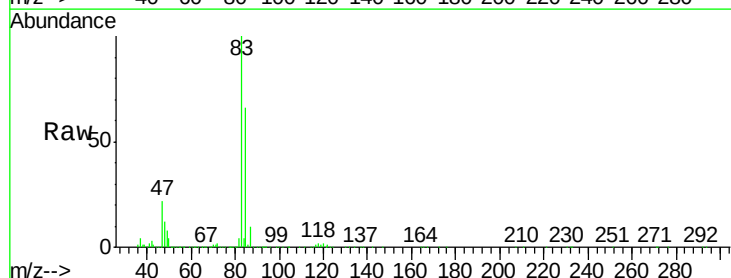
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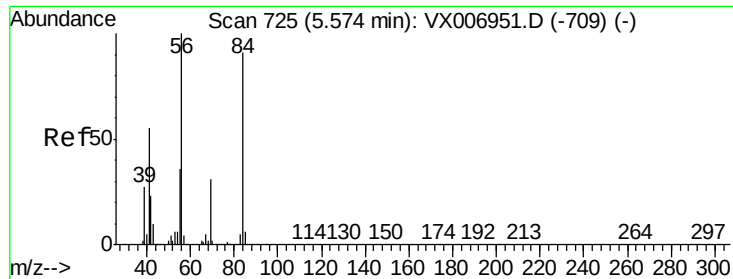
MMDadoda  
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#30  
Chloroform  
Concen: 95.521 ug/l  
RT: 5.22 min Scan# 667  
Delta R.T. 0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Tgt Ion: 83 Resp: 987673  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.2 76.8





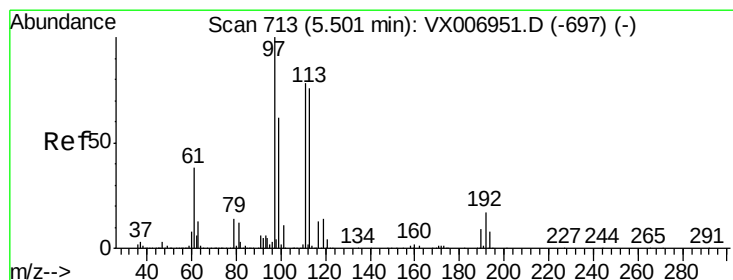
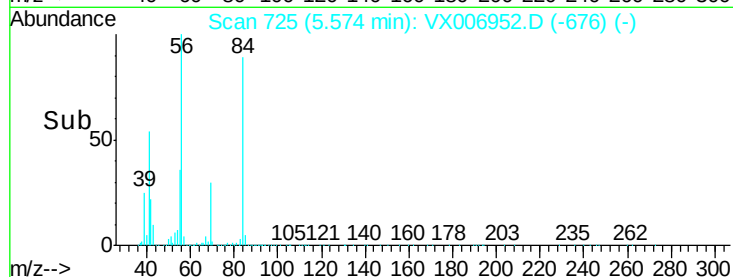
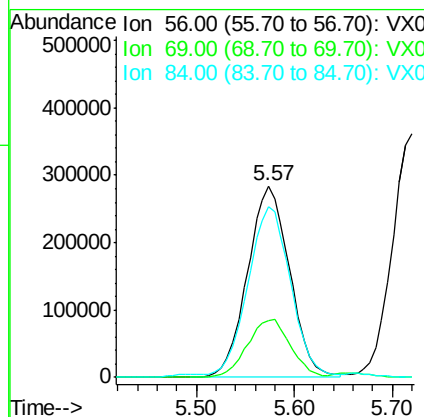
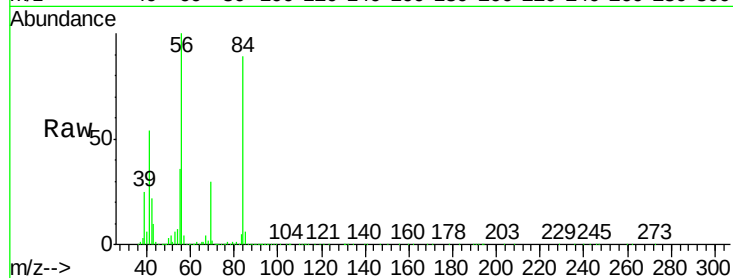
#31  
Cyclohexane  
Concen: 96.593 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.8  | 24.4  | 36.6  |
| 84      | 87.2  | 70.0  | 105.0 |

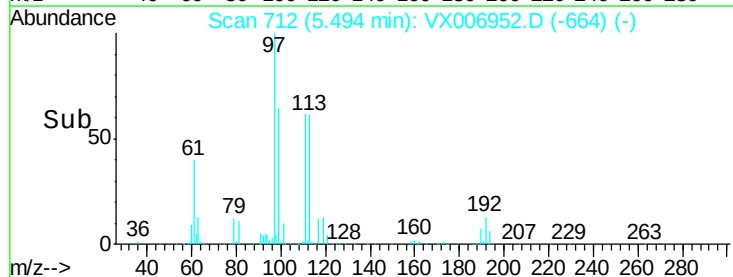
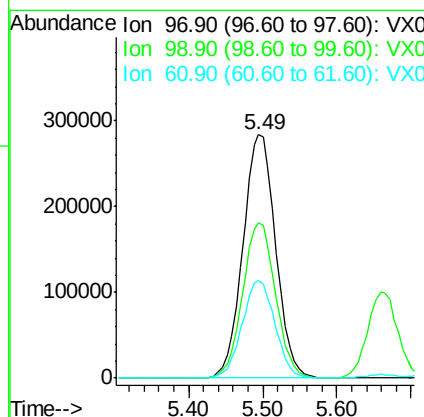
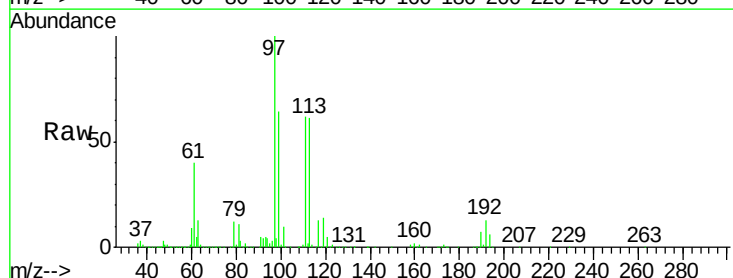
Manual Integrations  
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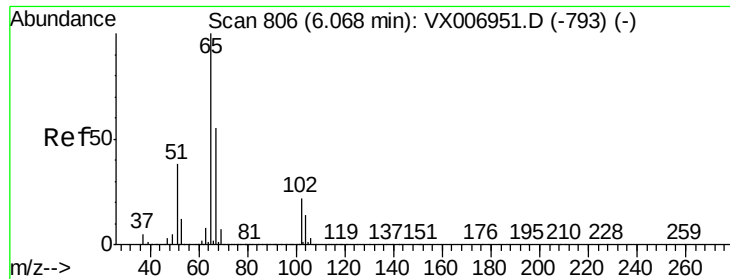
MMDadoda  
1/9/2019 10:25:07 AM



#32  
1,1,1-Trichloroethane  
Concen: 102.633 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.0  | 51.7  | 77.5  |
| 61      | 40.4  | 31.3  | 46.9  |





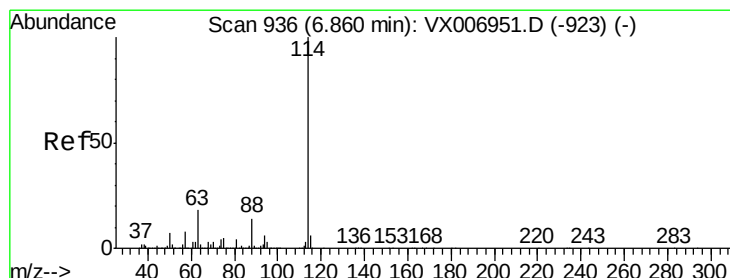
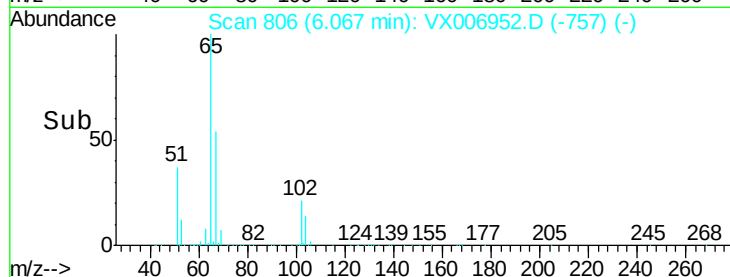
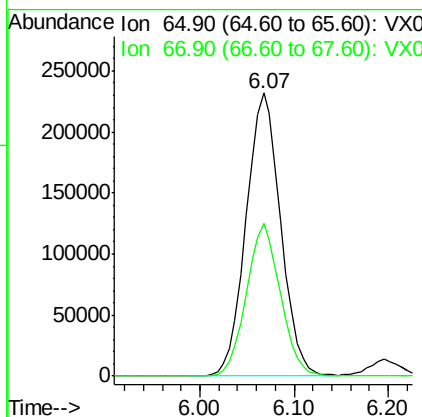
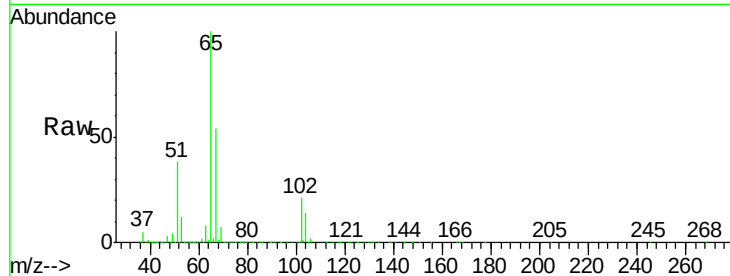
#33  
 1,2-Dichloroethane-d4  
 Concen: 95.565 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 596595 |       |       |
| 67      | 52.9  | 0.0    | 105.0 |       |

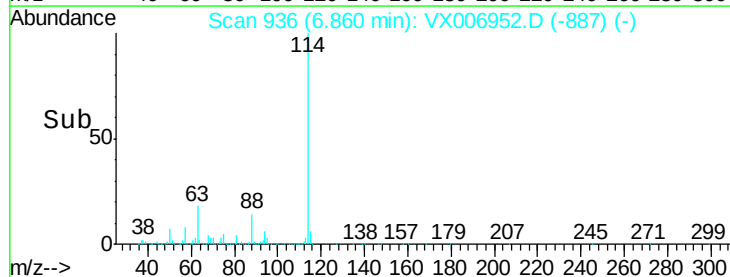
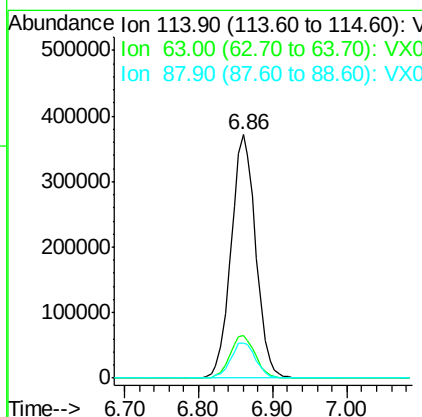
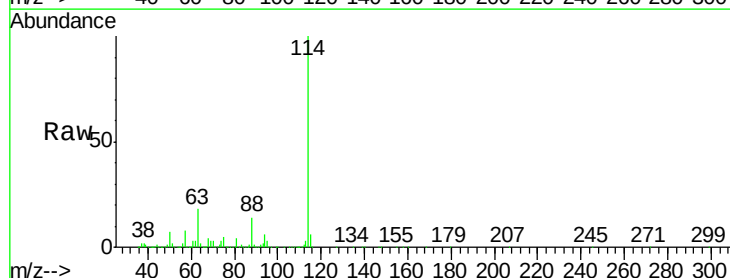
Manual Integrations  
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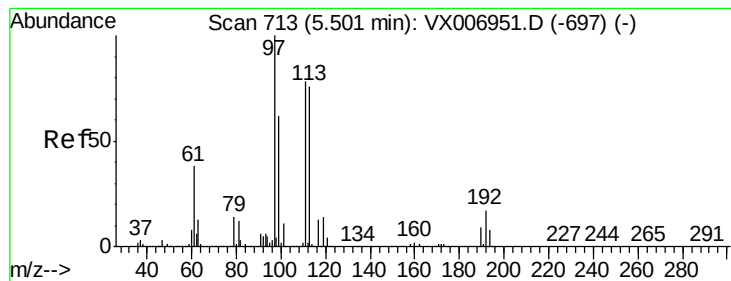
MMDadoda  
 1/9/2019 10:25:07 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 859215 |       |       |
| 63      | 17.6  | 0.0    | 34.8  |       |
| 88      | 14.3  | 0.0    | 28.8  |       |





#35

Dibromofluoromethane

Concen: 100.923 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

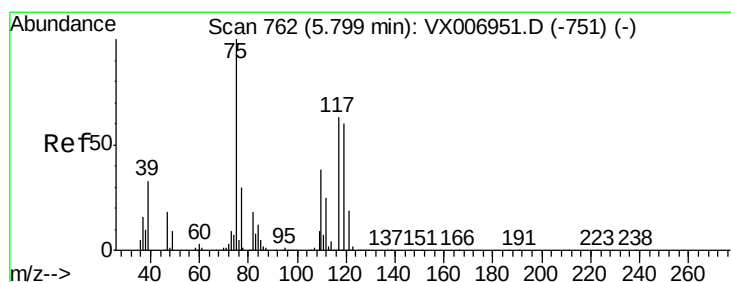
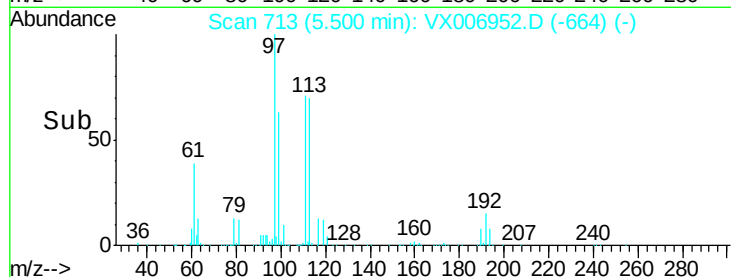
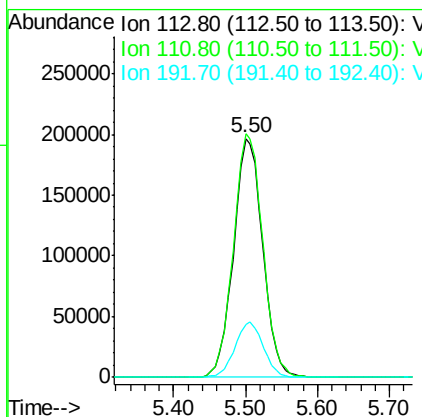
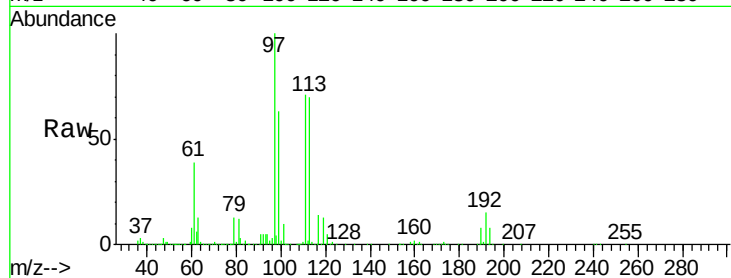
ClientSampled :

VSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 551633 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.5 | 81.6  | 122.4  |
| 192       | 22.8  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 97.821 ug/l

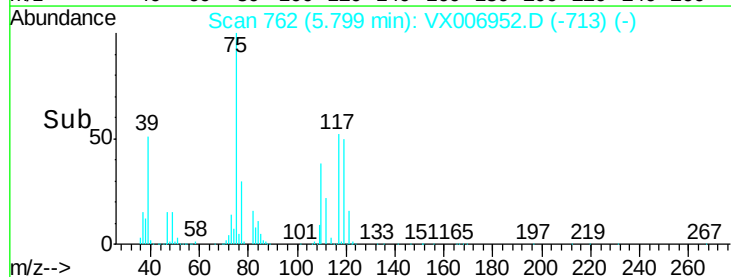
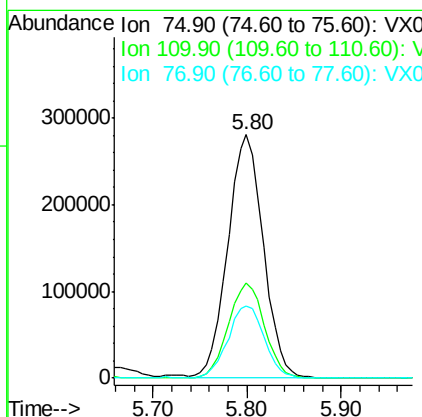
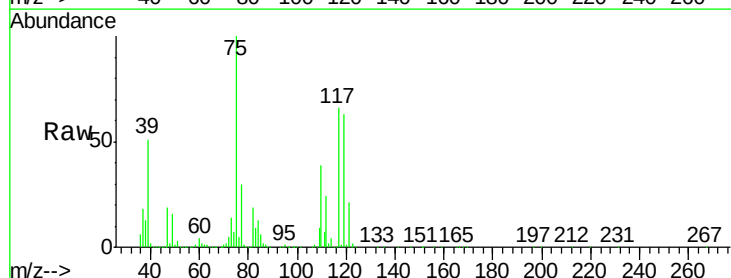
RT: 5.80 min Scan# 762

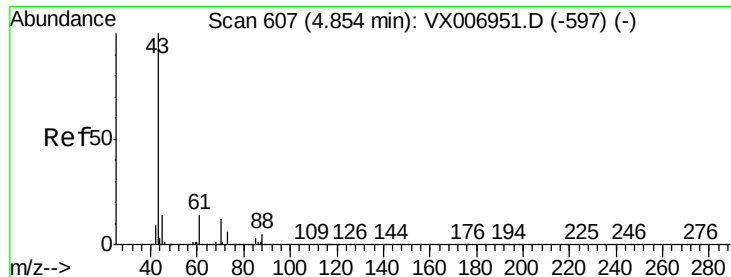
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 733348 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 39.9  | 20.2  | 60.5   |
| 77        | 30.5  | 24.8  | 37.2   |





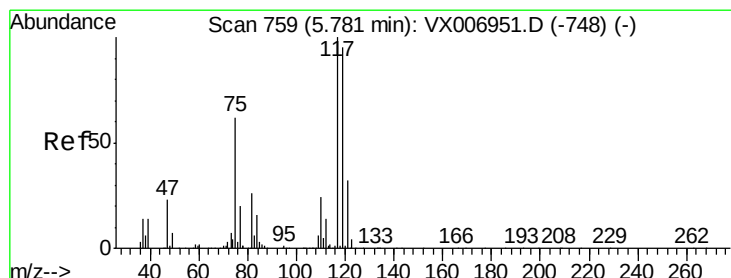
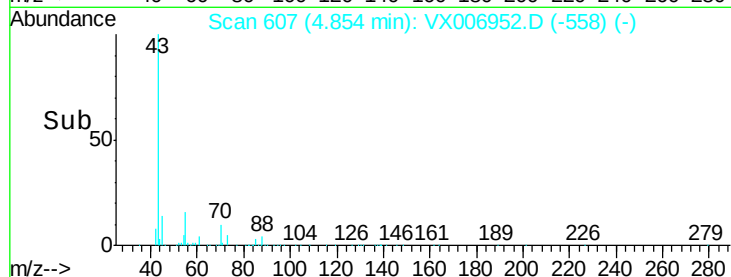
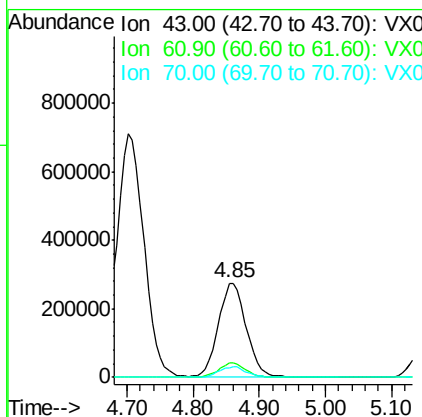
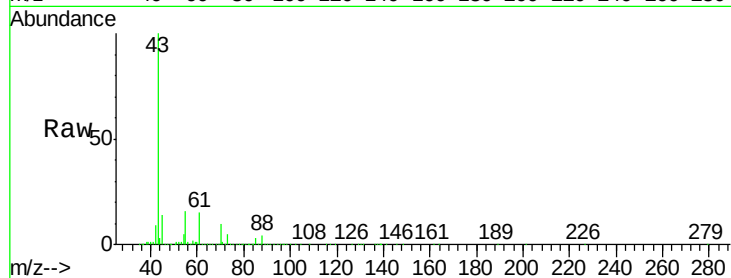
#37  
Ethyl Acetate  
Concen: 99.546 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 801845 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.5  | 11.9  | 17.9   |
| 70       | 11.0  | 9.7   | 14.5   |

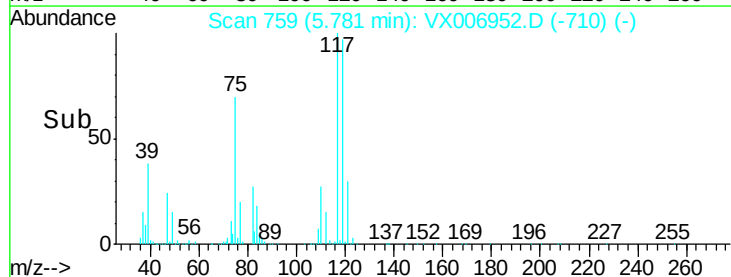
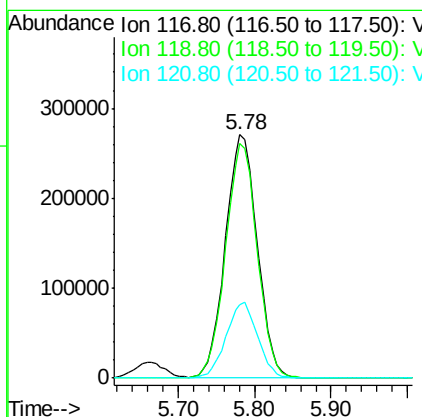
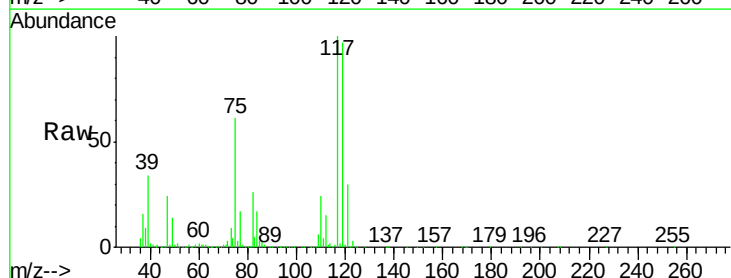
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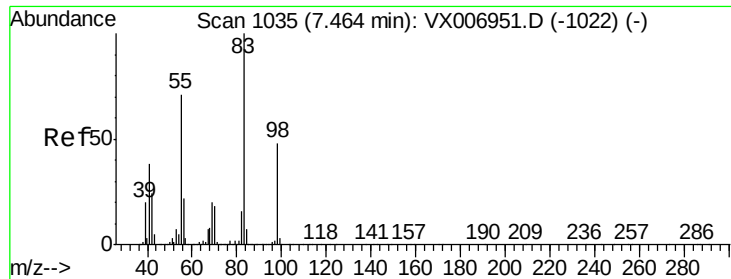


#38  
Carbon Tetrachloride  
Concen: 106.840 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 780644 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 79.4  | 119.2  |
| 121      | 29.9  | 24.0  | 36.0   |







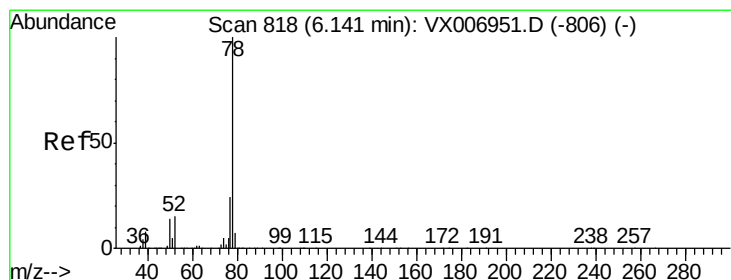
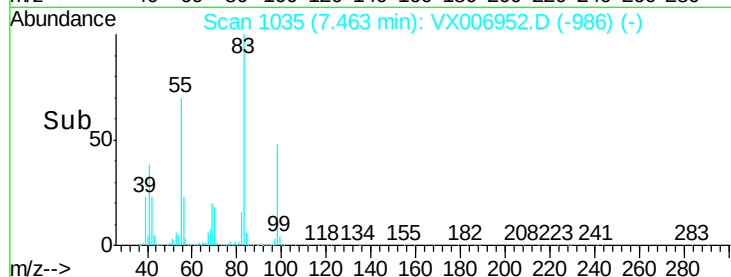
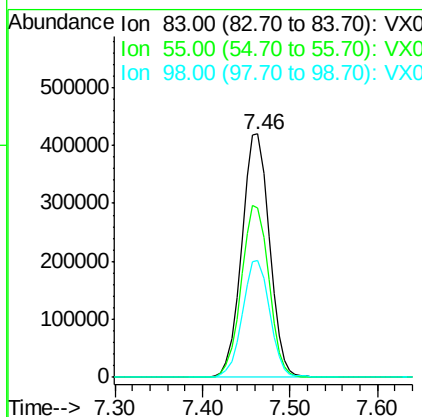
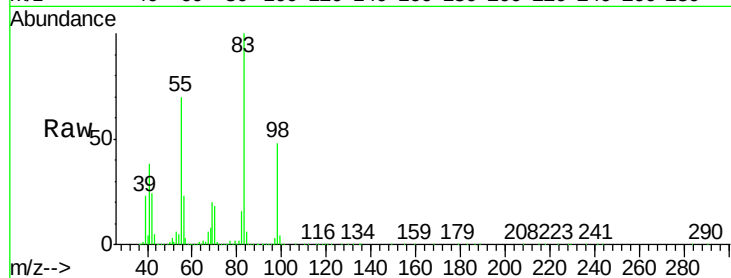
#39  
Methylvlcyclohexane  
Concen: 96.123 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.8  | 54.9  | 82.3  |
| 98      | 48.2  | 37.9  | 56.9  |

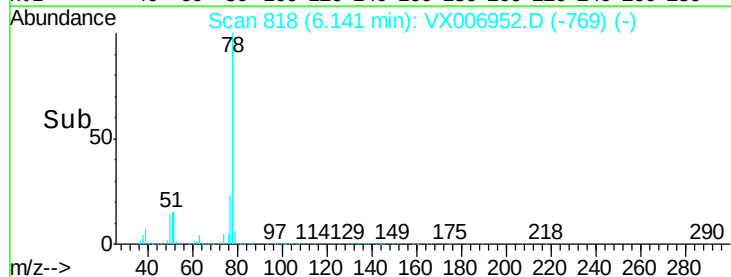
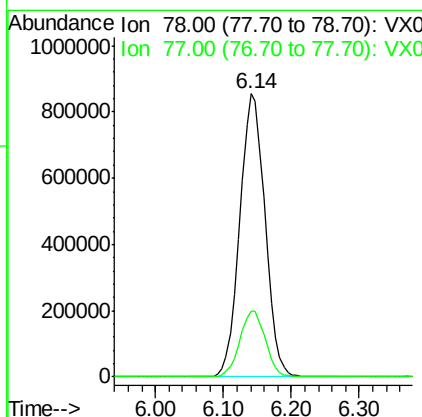
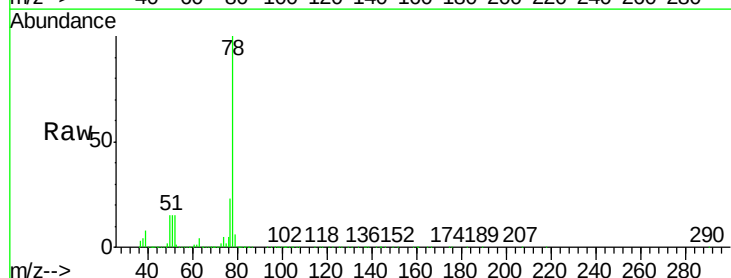
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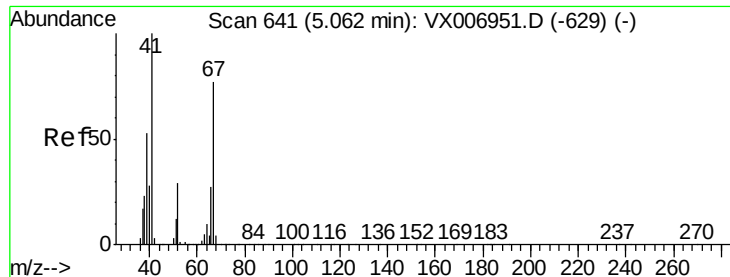
MMDadoda  
1/9/2019 10:25:07 AM



#40  
Benzene  
Concen: 95.247 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

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





#41

Methacrylonitrile

Concen: 92.656 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

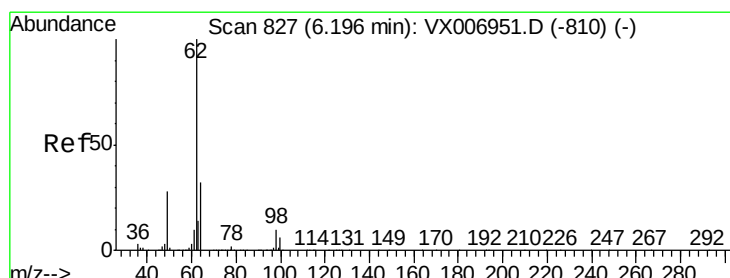
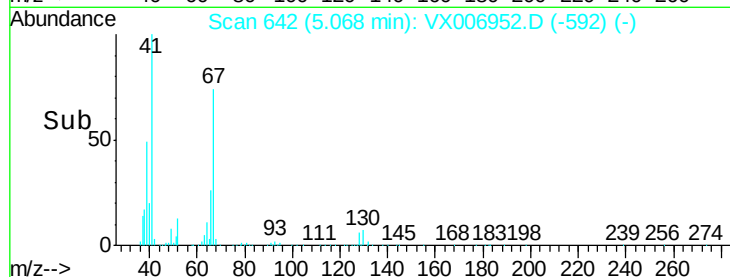
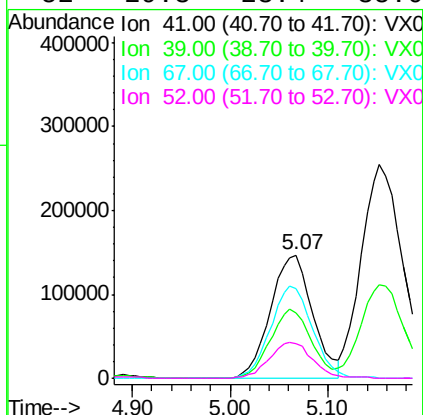
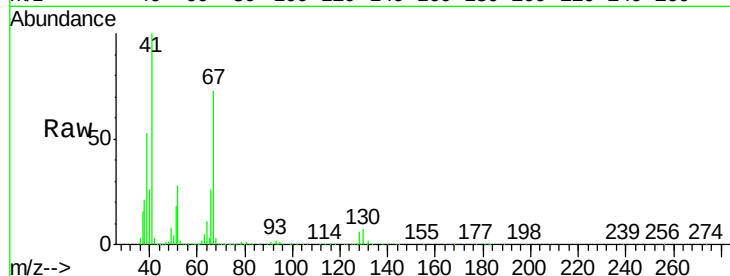
ClientSampleId :

VSTDICC100

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.9 | 42.8  | 64.2  |       |
| 67      | 74.7 | 62.1  | 93.1  |       |
| 52      | 29.3 | 23.4  | 35.0  |       |

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#42

1,2-Dichloroethane

Concen: 92.463 ug/l

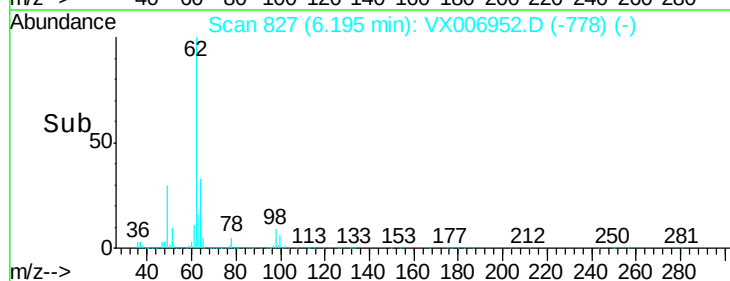
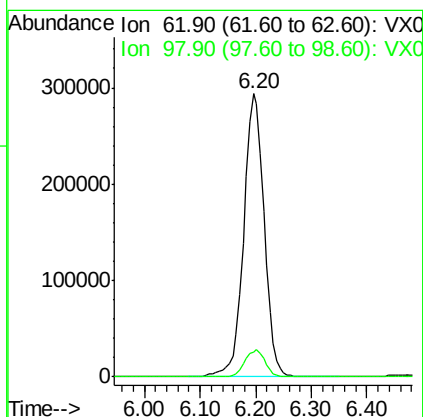
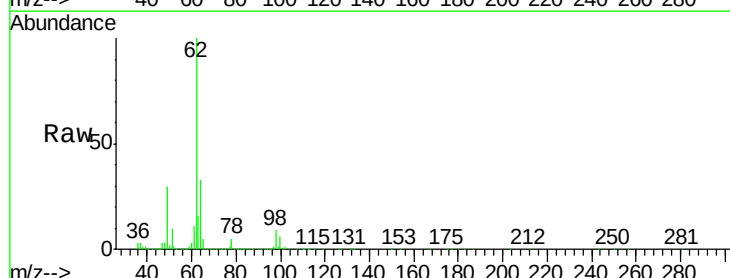
RT: 6.20 min Scan# 827

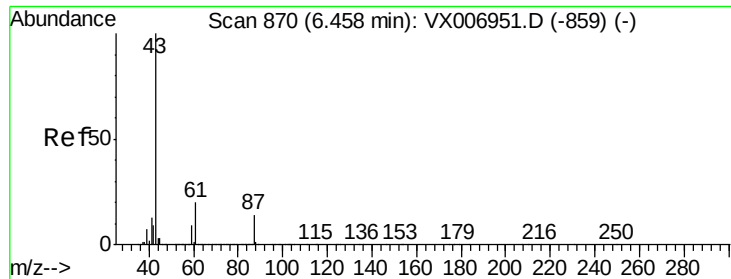
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.6 | 0.0   | 20.2  |       |





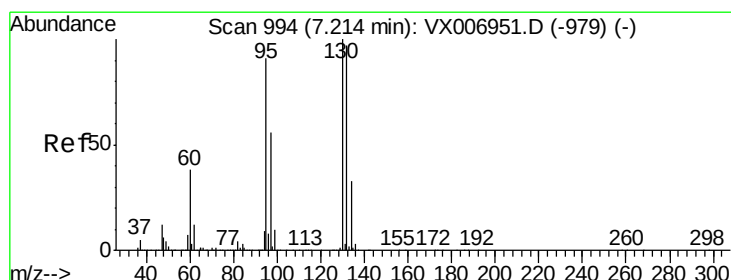
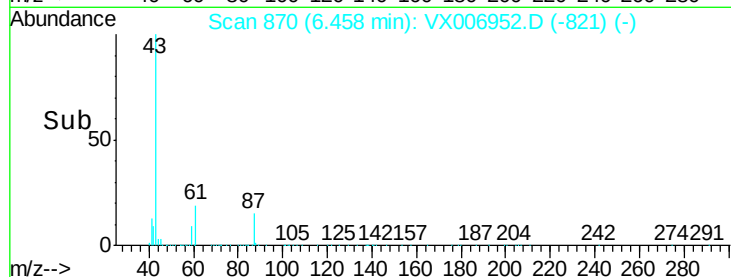
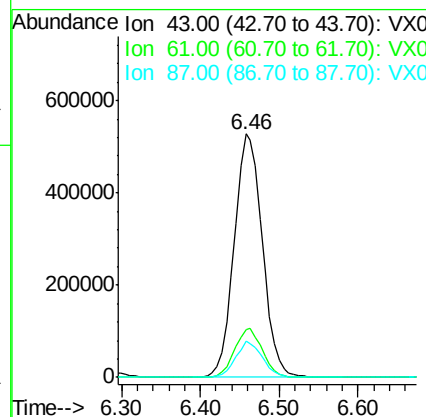
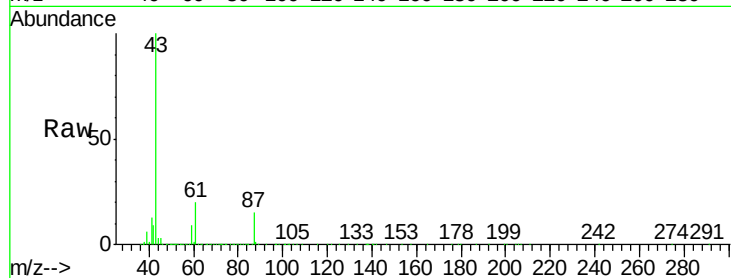
#43  
Isopropyl Acetate  
Concen: 104.252 ug/l  
RT: 6.46 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.9  | 16.8  | 25.2  |
| 87      | 14.2  | 12.4  | 18.6  |

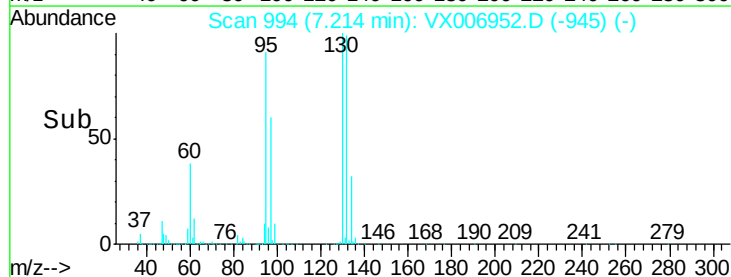
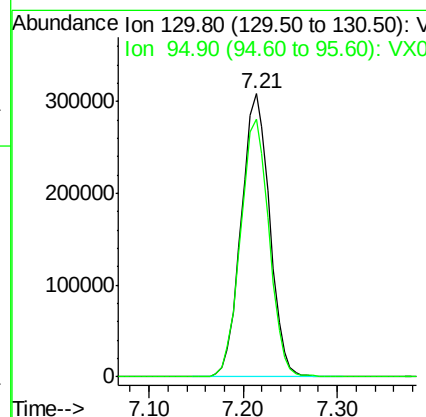
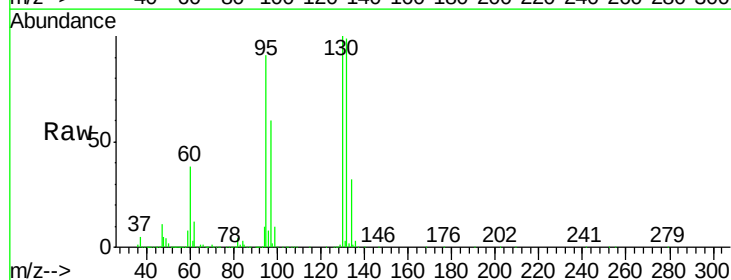
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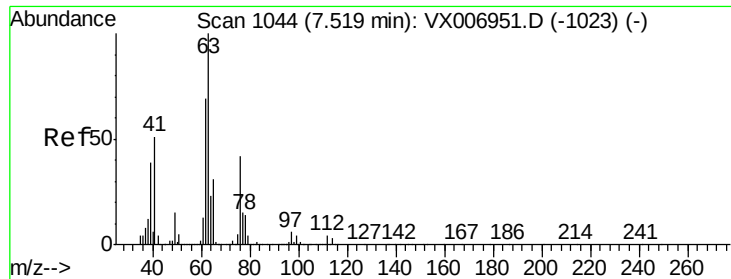
MMDadoda  
1/9/2019 10:25:07 AM



#44  
Trichloroethene  
Concen: 92.574 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.9  | 0.0   | 187.0 |





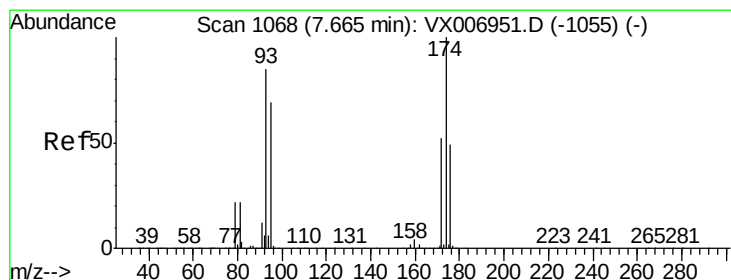
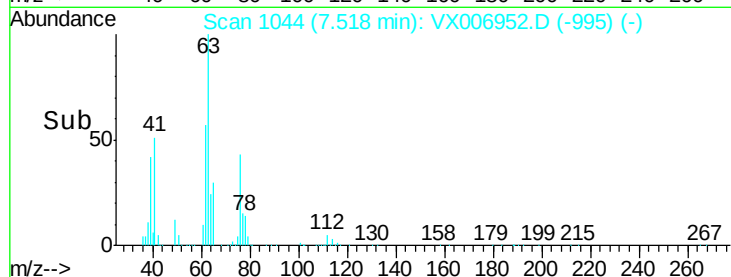
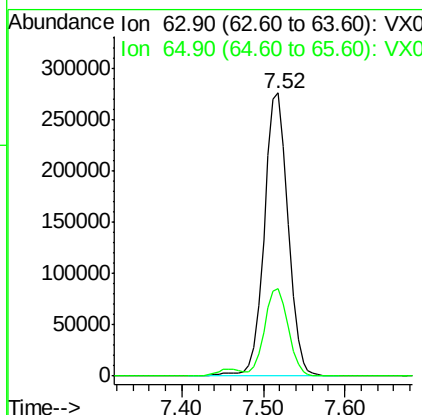
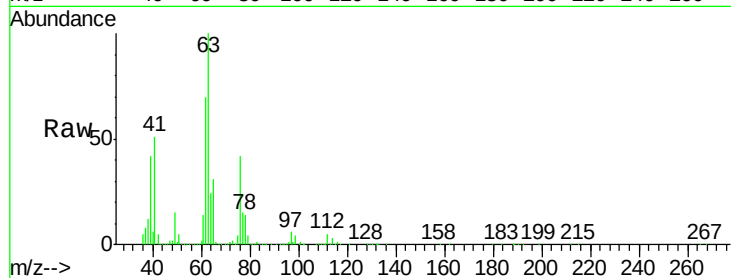
#45  
 1,2-Dichloropropane  
 Concen: 96.902 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.8  | 25.4  | 38.0  |

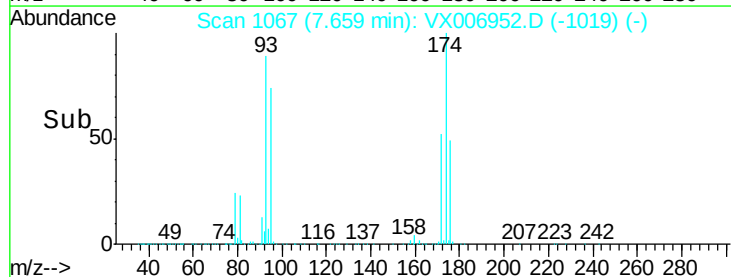
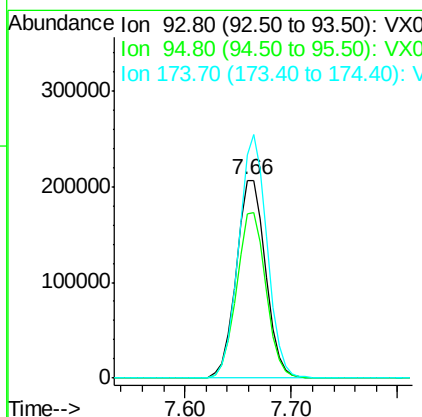
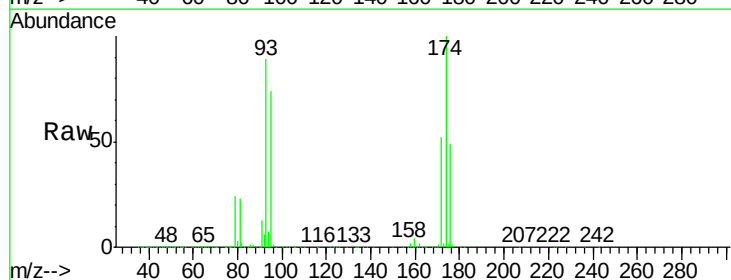
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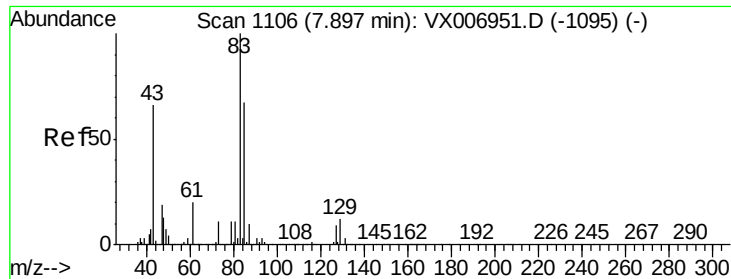
MMDadoda  
 1/9/2019 10:25:07 AM



#46  
 Dibromomethane  
 Concen: 99.587 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.5  | 66.2  | 99.4  |
| 174     | 118.4 | 91.0  | 136.4 |





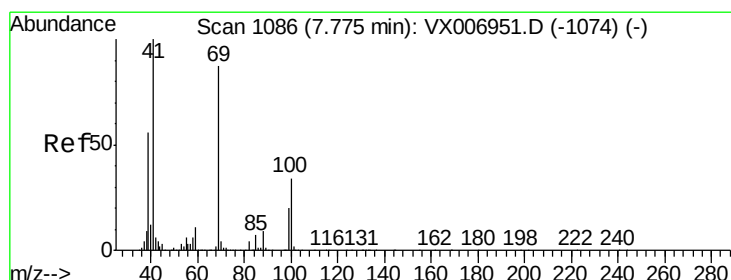
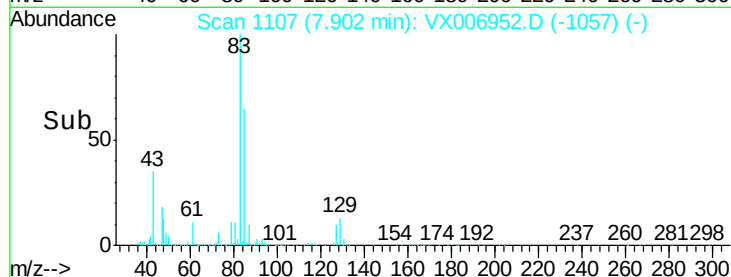
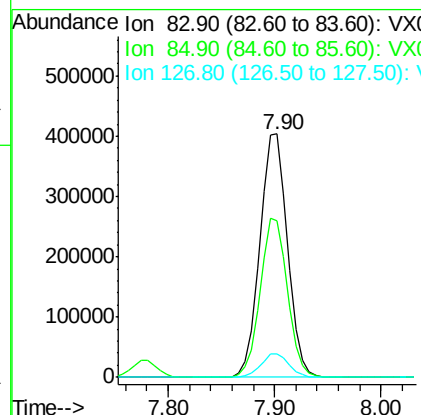
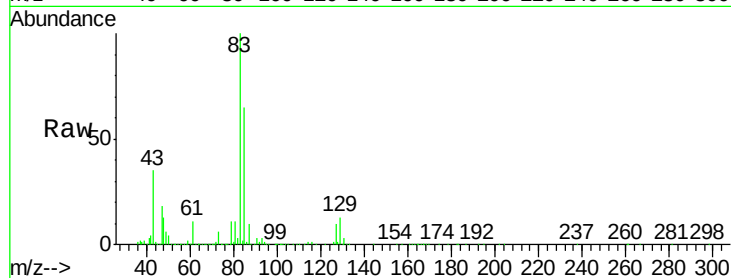
#47  
 Bromodichloromethane  
 Concen: 111.921 ug/l  
 RT: 7.90 min Scan# 1107  
 Delta R.T. 0.01 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 736319 |       |       |
| 85      | 64.5  | 53.2   | 79.8  |       |
| 127     | 9.6   | 7.8    | 11.6  |       |

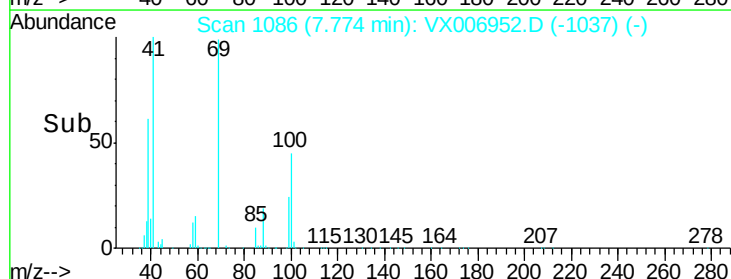
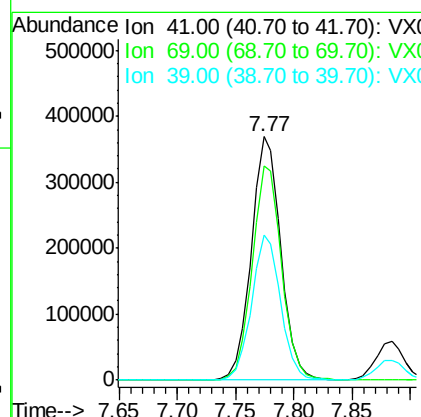
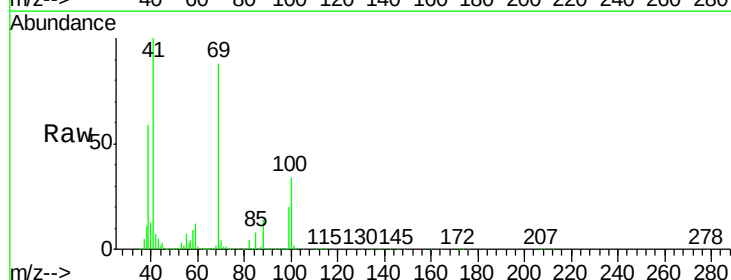
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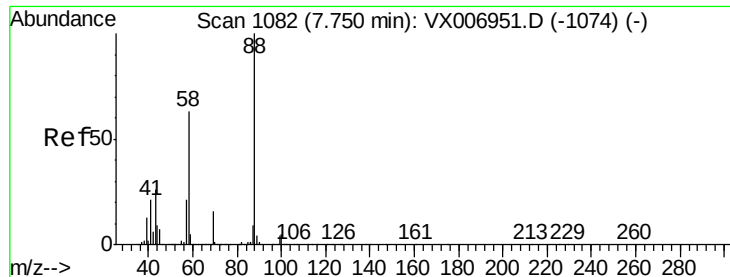
MMDadoda  
 1/9/2019 10:25:07 AM



#48  
 Methyl methacrylate  
 Concen: 99.311 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 649267 |       |       |
| 69      | 88.0  | 72.4   | 108.6 |       |
| 39      | 58.5  | 45.8   | 68.8  |       |





#49

1,4-Dioxane

Concen: 1777.058 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

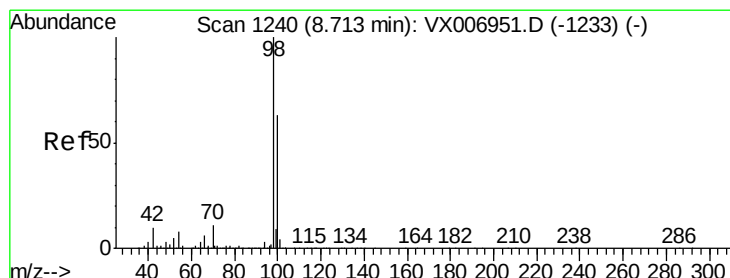
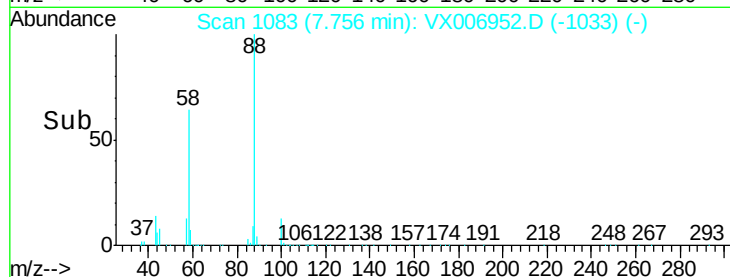
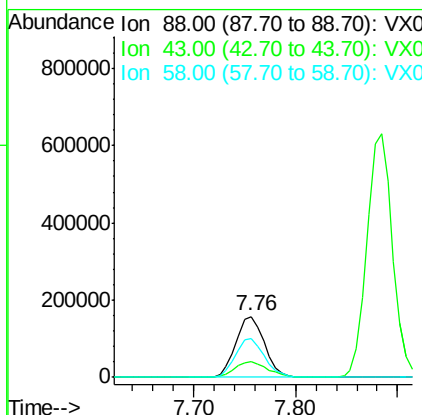
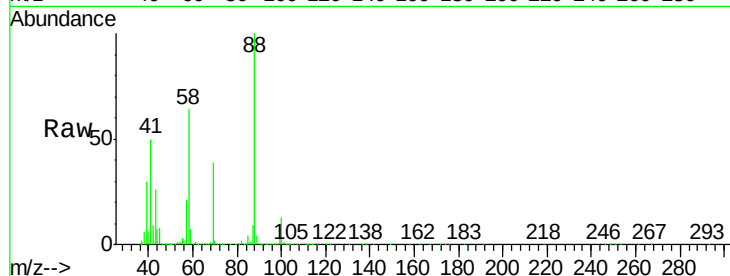
ClientSampleId :

VSTDICC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 88    | Resp: | 306172 |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 29.4  | 22.2  | 33.4   |
| 58       | 64.4  | 51.0  | 76.4   |

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#50

Toluene-d8

Concen: 100.464 ug/l

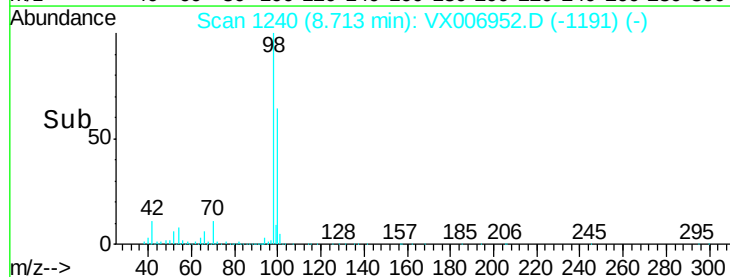
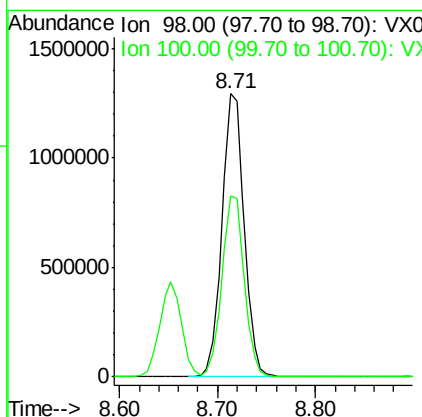
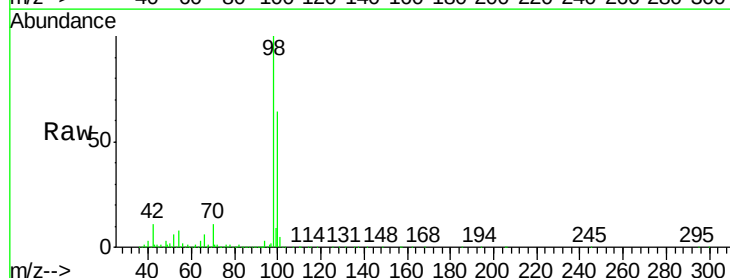
RT: 8.71 min Scan# 1240

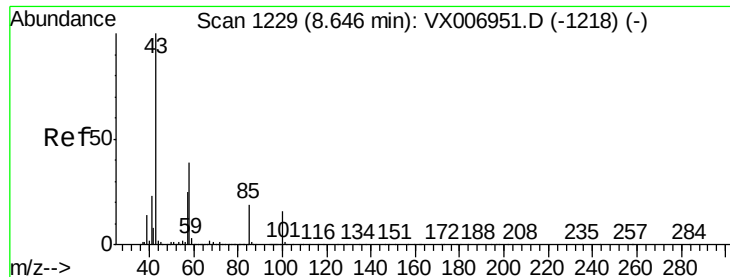
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 2030742 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 64.5  | 52.0  | 78.0    |





#51

4-Methyl-2-Pentanone

Concen: 497.181 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 4058978

Ion Ratio Lower Upper

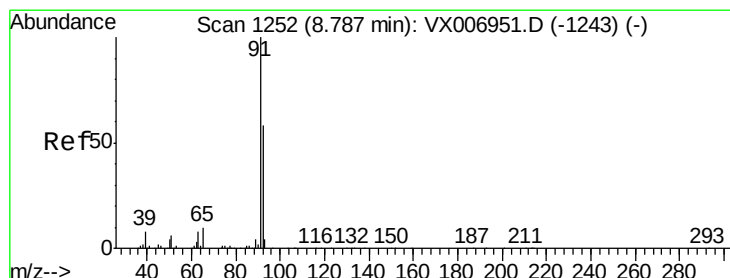
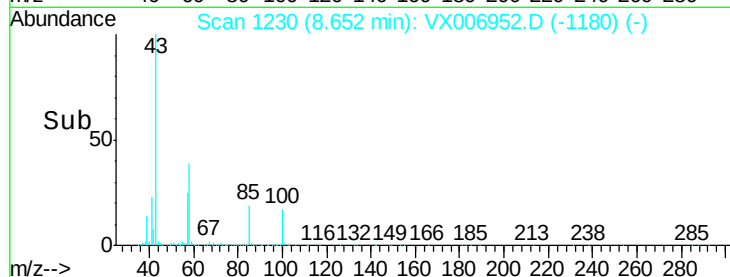
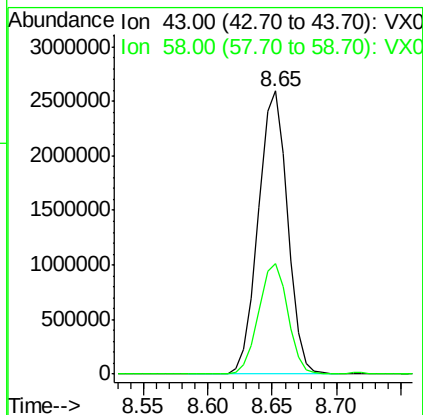
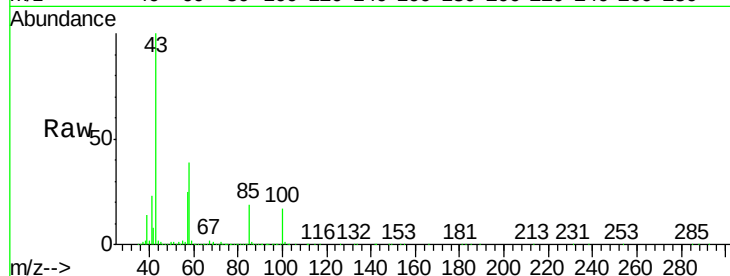
43 100

58 39.2 31.8 47.6

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#52

Toluene

Concen: 96.295 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006952.D

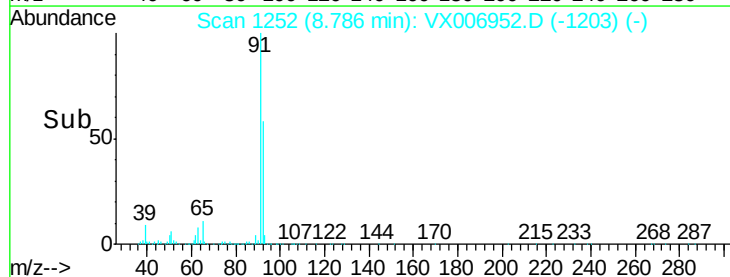
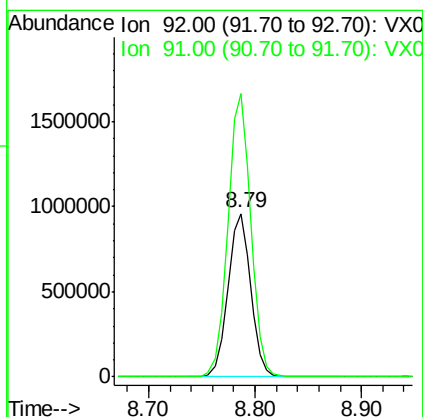
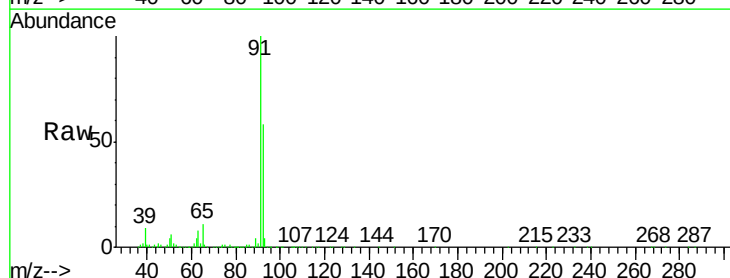
Acq: 08 Jan 2019 13:18

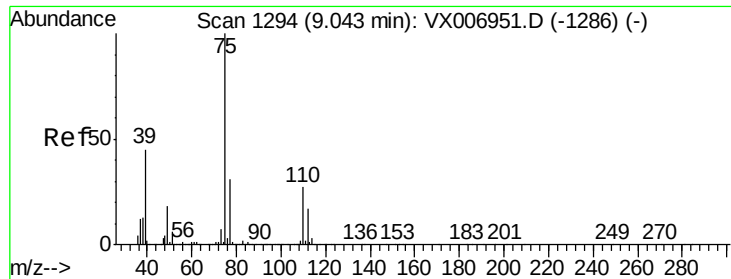
Tgt Ion: 92 Resp: 1434869

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 115.977 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 835784

Ion Ratio Lower Upper

75 100

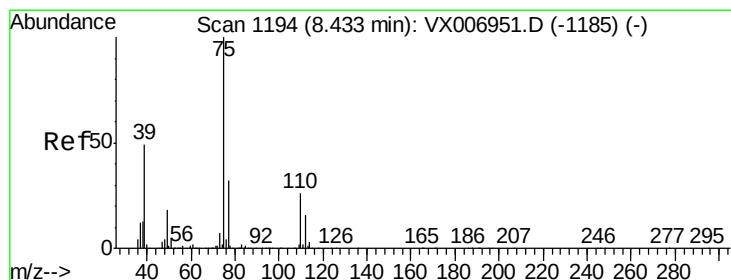
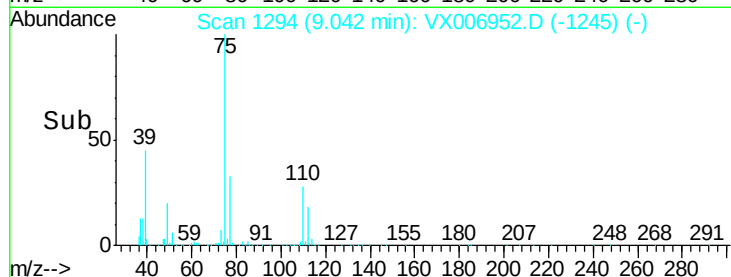
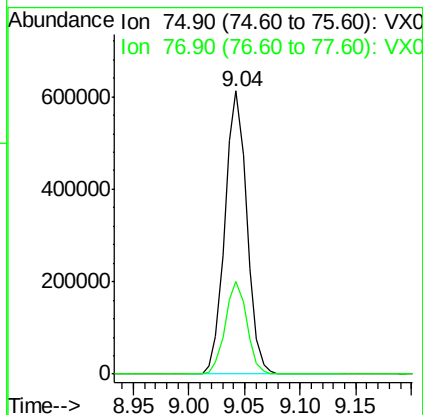
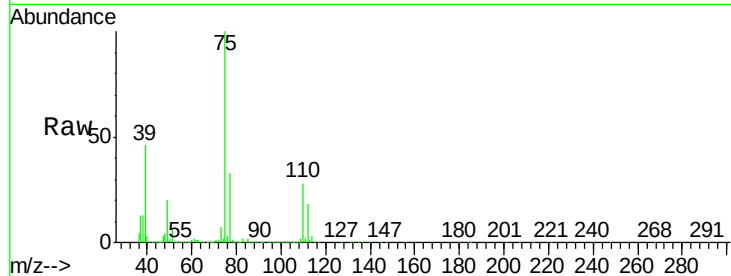
77 32.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 114.111 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

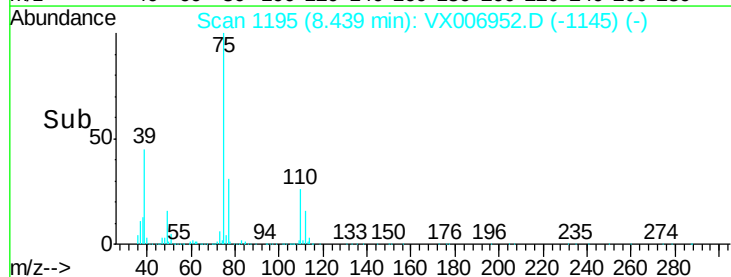
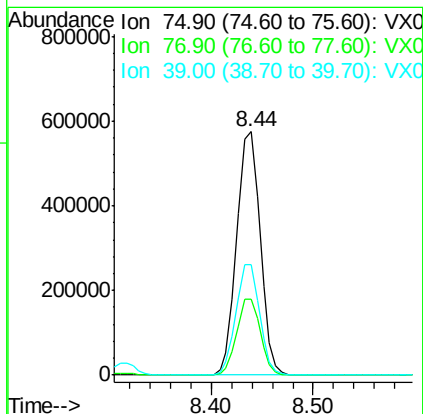
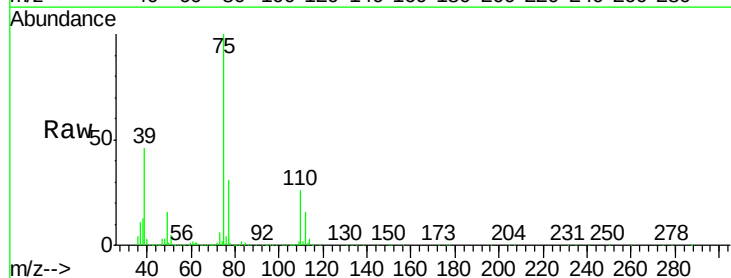
Tgt Ion: 75 Resp: 915147

Ion Ratio Lower Upper

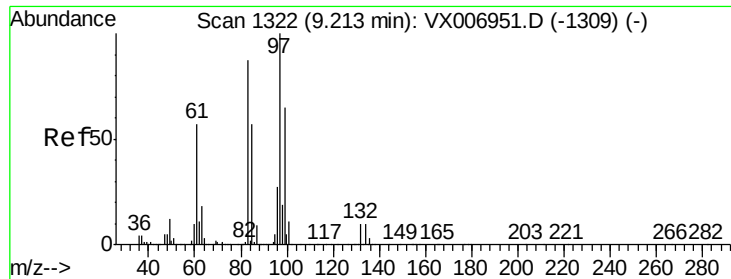
75 100

77 31.1 26.2 39.2

39 45.4 36.7 55.1







#55

1,1,2-Trichloroethane

Concen: 98.339 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

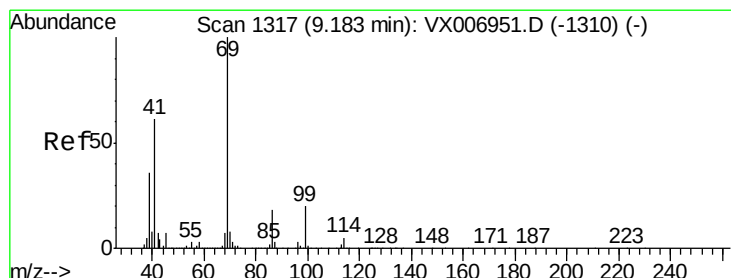
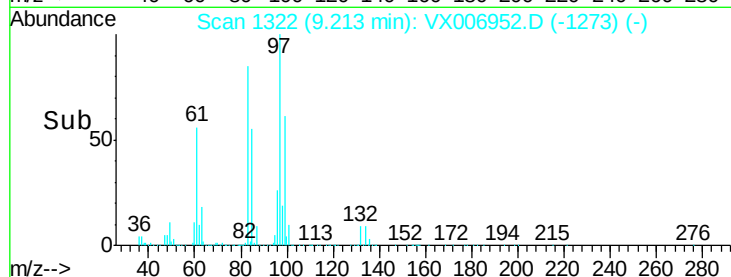
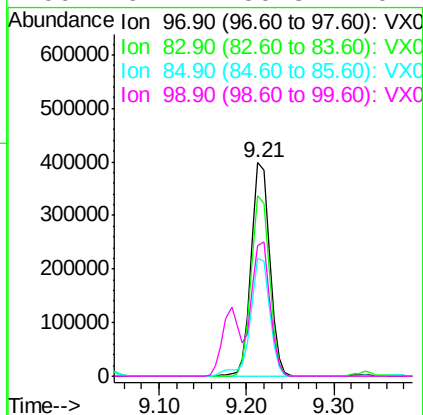
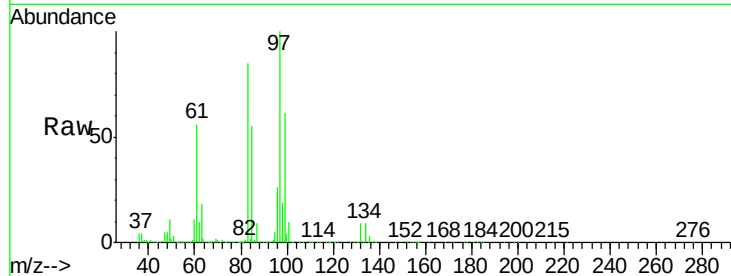
ClientSampleId :

VSTDIC100

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 581616 |       |       |
| 83      | 84.7 | 66.6  | 99.8   |       |       |
| 85      | 54.9 | 42.7  | 64.1   |       |       |
| 99      | 61.1 | 50.8  | 76.2   |       |       |

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#56

Ethyl methacrylate

Concen: 104.063 ug/l

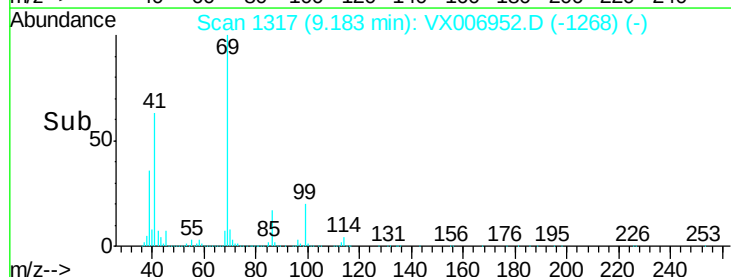
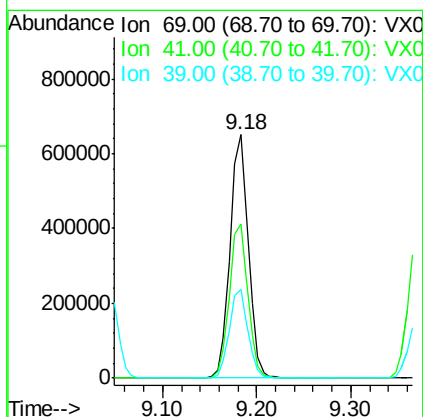
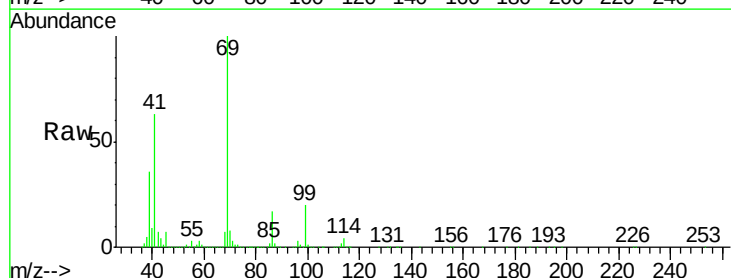
RT: 9.18 min Scan# 1317

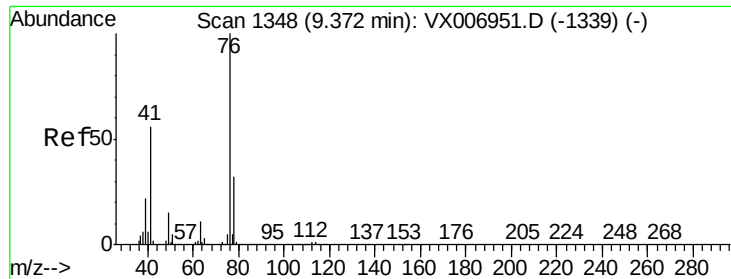
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 880866 |       |       |
| 41      | 64.0 | 48.7  | 73.1   |       |       |
| 39      | 36.9 | 27.0  | 40.6   |       |       |





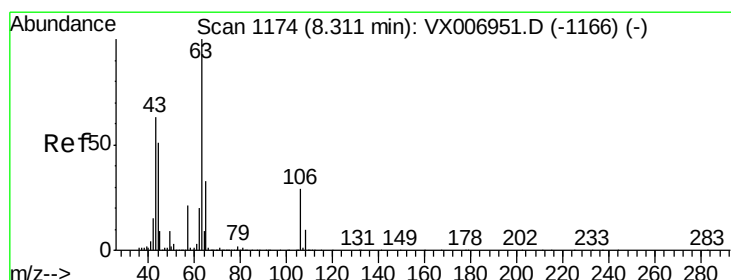
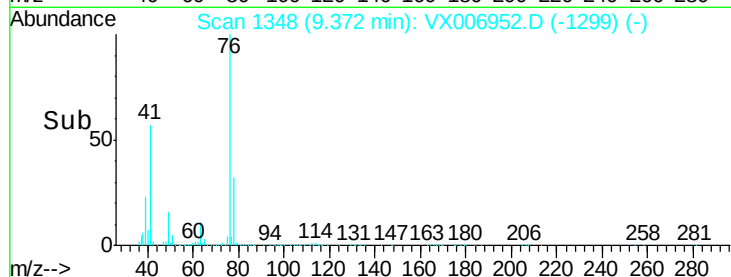
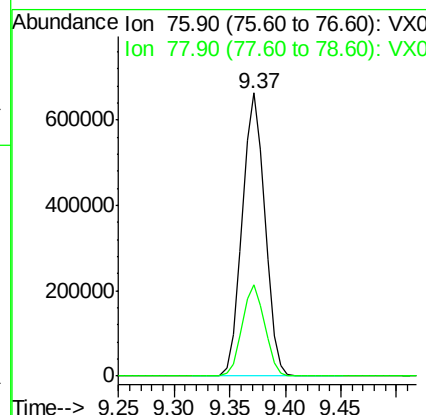
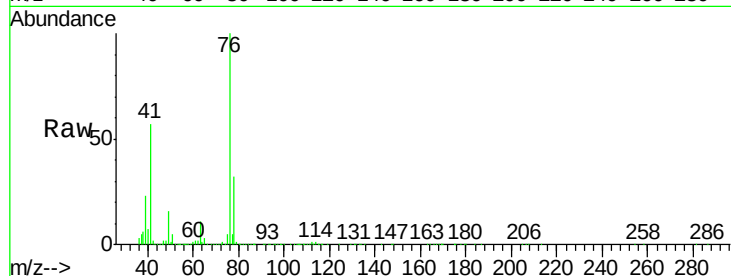
#57  
 1,3-Dichloropropane  
 Concen: 96.004 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.0  | 39.0  |

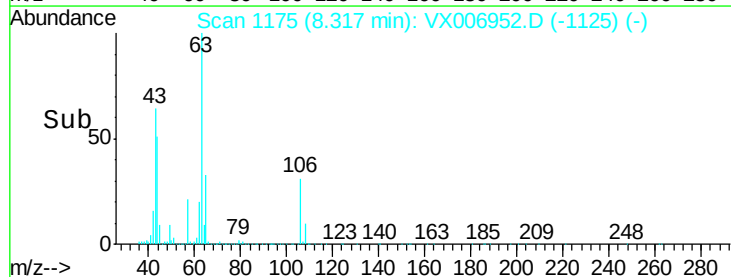
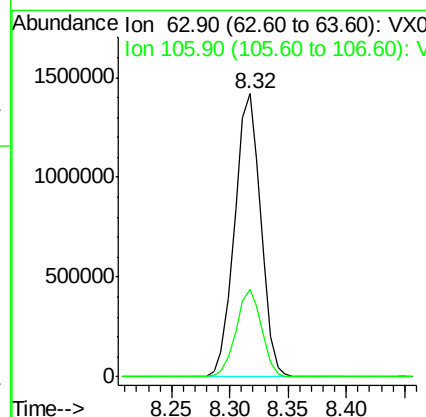
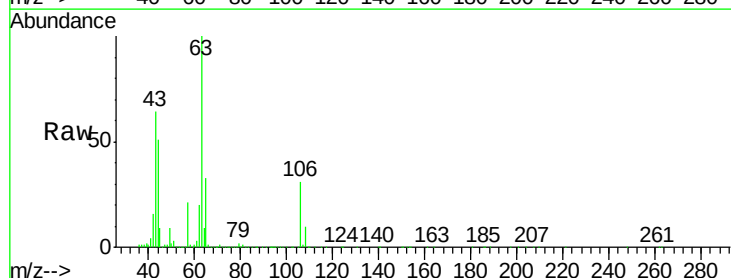
Manual Integrations  
 APPROVED

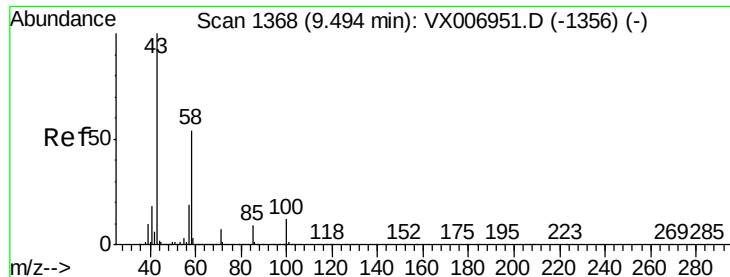
MMDadoda  
 1/9/2019 10:25:07 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 502.671 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. 0.01 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.3  | 24.6  | 36.8  |





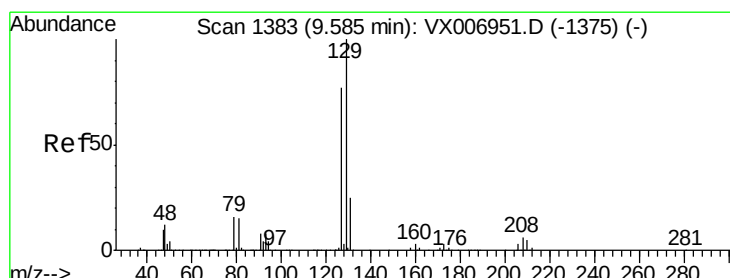
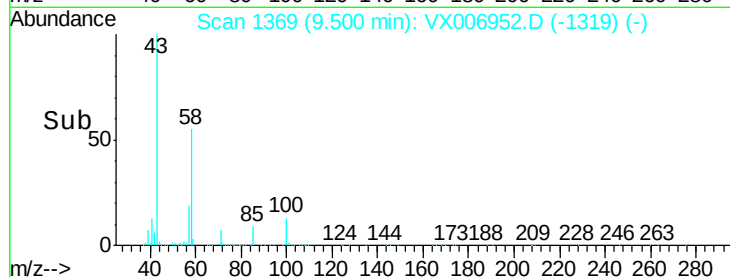
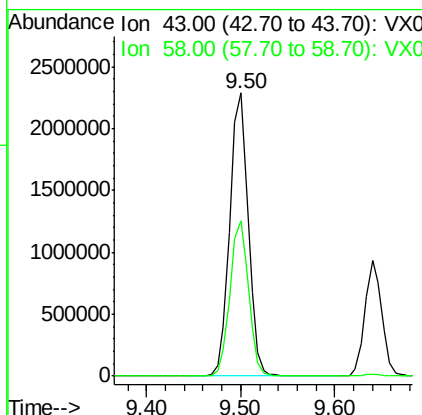
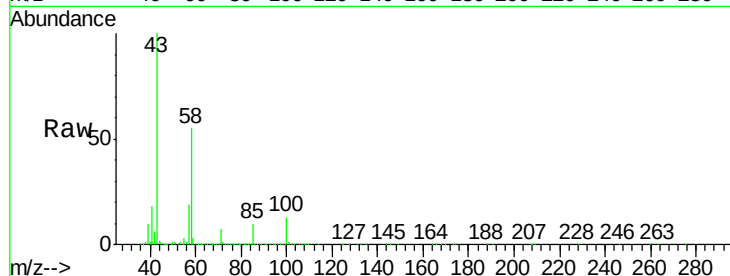
#59  
2-Hexanone  
Concen: 509.215 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.01 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICC100

Tot Ion: 43 Resp: 3125906  
Ion Ratio Lower Upper  
43 100  
58 55.2 27.7 83.1

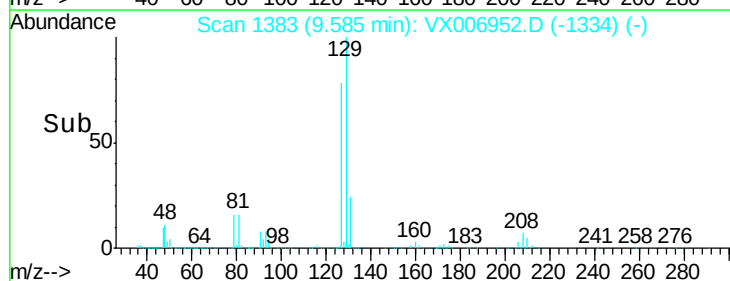
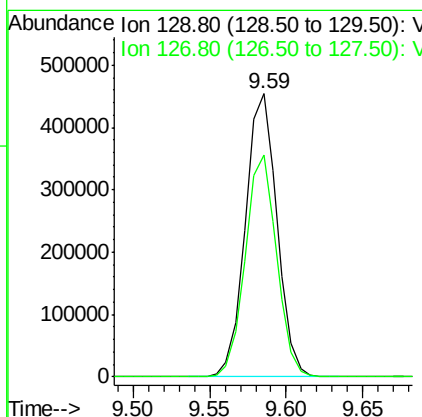
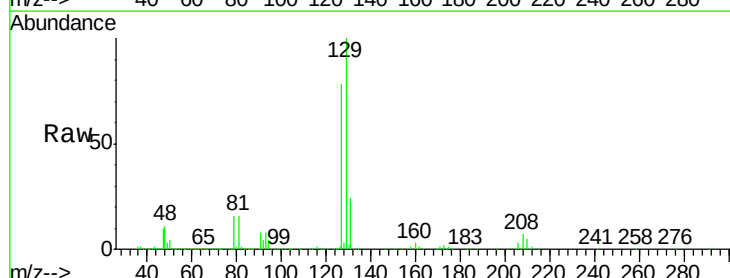
Manual Integrations  
APPROVED

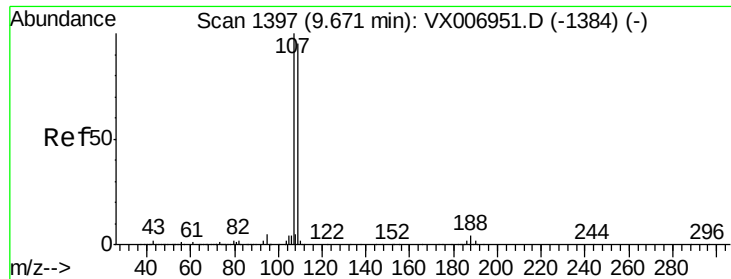
MMDadoda  
1/9/2019 10:25:07 AM



#60  
Dibromochloromethane  
Concen: 122.952 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Tgt Ion: 129 Resp: 651385  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.3 117.8





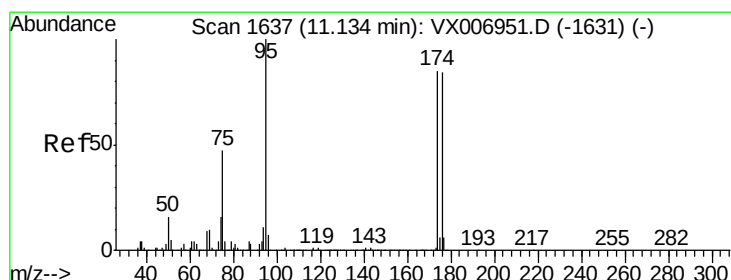
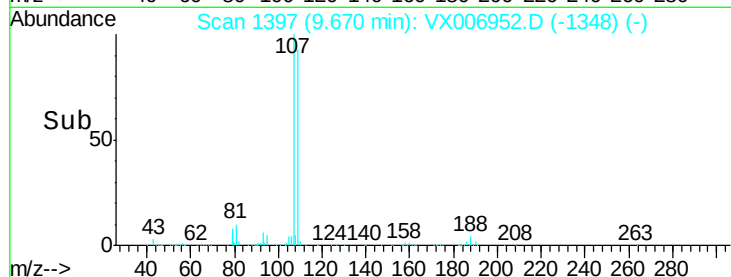
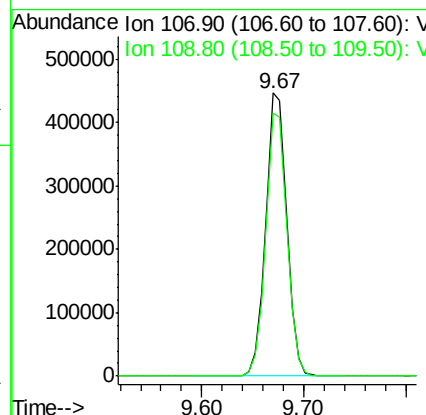
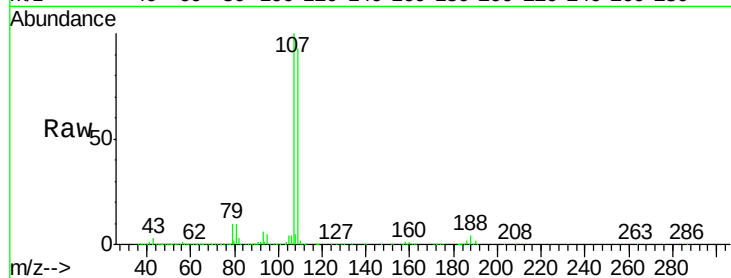
#61  
 1,2-Dibromoethane  
 Concen: 99.899 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.9  | 75.8  | 113.6 |

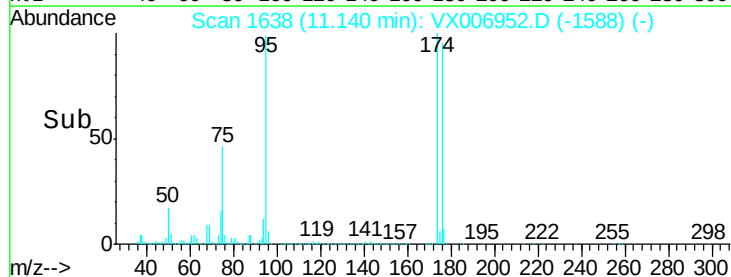
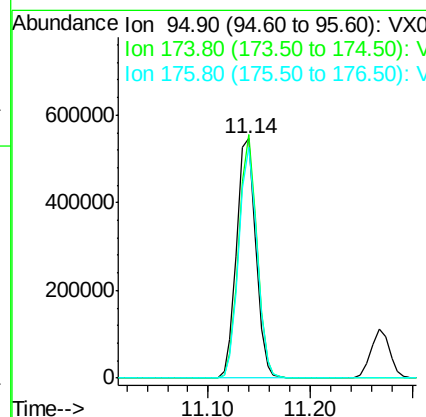
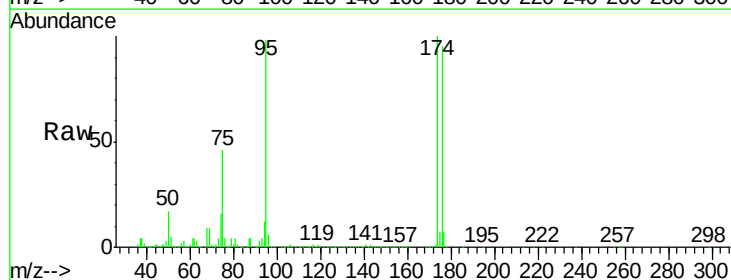
Manual Integrations  
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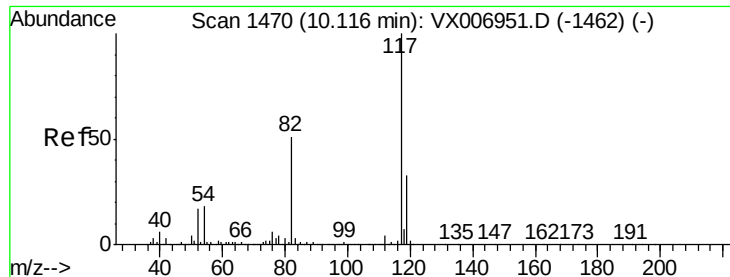
MMDadoda  
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#62  
 4-Bromofluorobenzene  
 Concen: 102.049 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.01 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 96.1  | 0.0   | 182.2 |
| 176     | 92.4  | 0.0   | 178.8 |





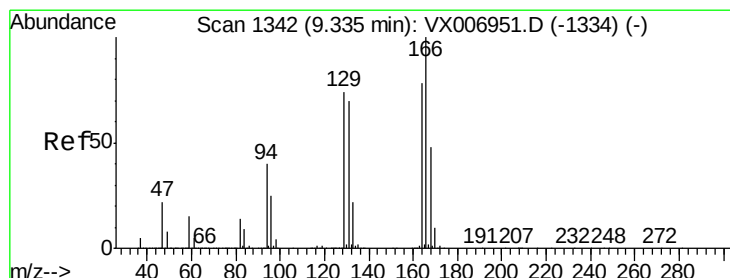
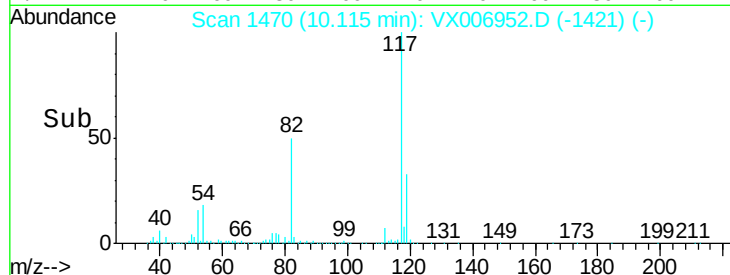
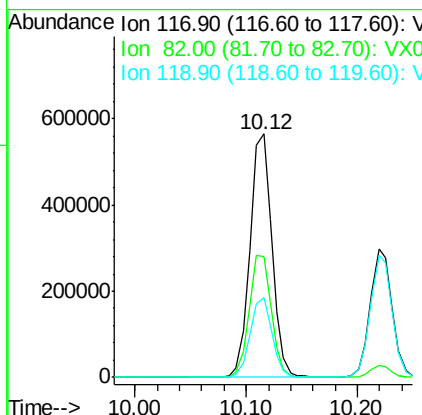
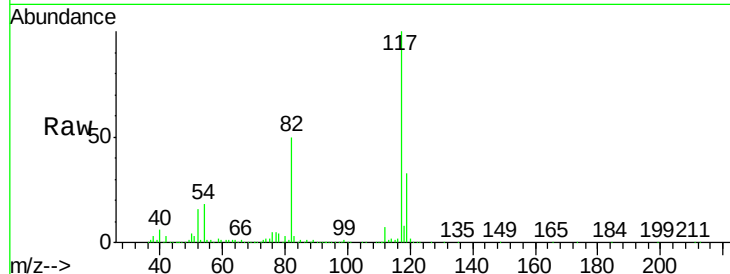
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 49.8  | 41.0  | 61.6  |
| 119     | 32.8  | 25.4  | 38.0  |

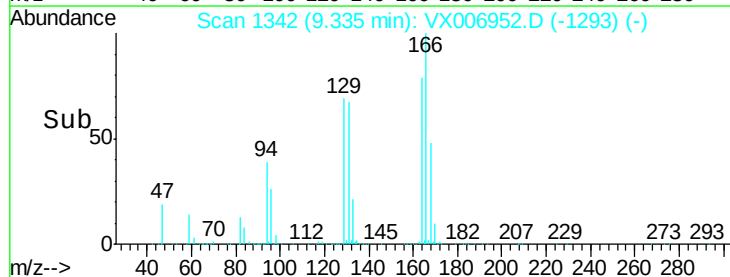
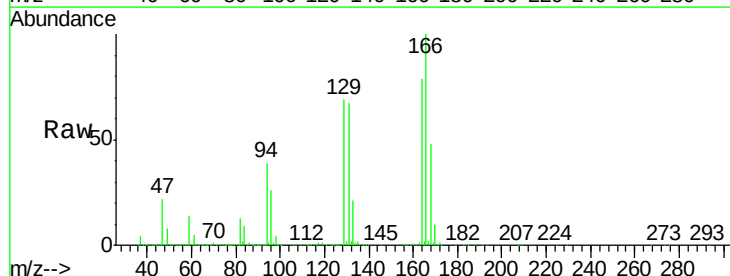
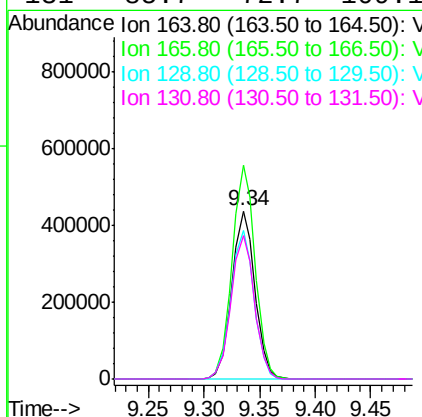
Manual Integrations  
APPROVED

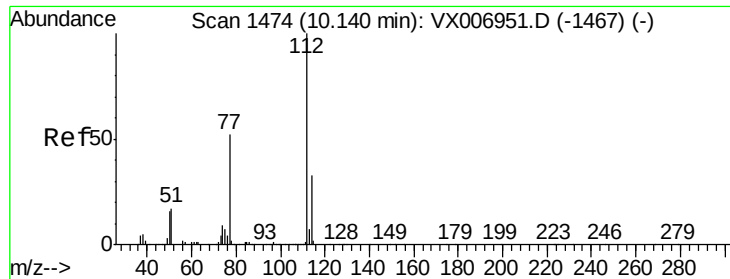
MMDadoda  
1/9/2019 10:25:07 AM



#64  
Tetrachloroethene  
Concen: 90.616 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.2 | 102.5 | 153.7 |
| 129     | 88.2  | 75.1  | 112.7 |
| 131     | 85.7  | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 94.653 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC100

Tot Ion:112 Resp: 1625113

Ion Ratio Lower Upper

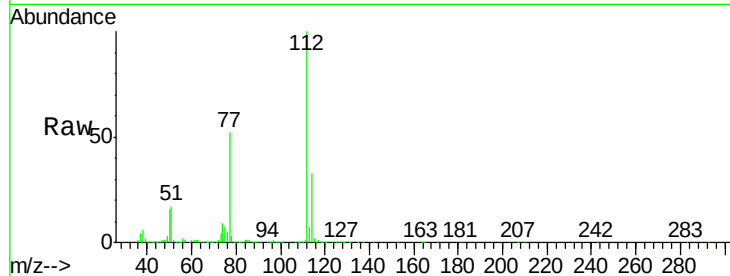
112 100

114 32.8 25.7 38.5

Manual Integrations  
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

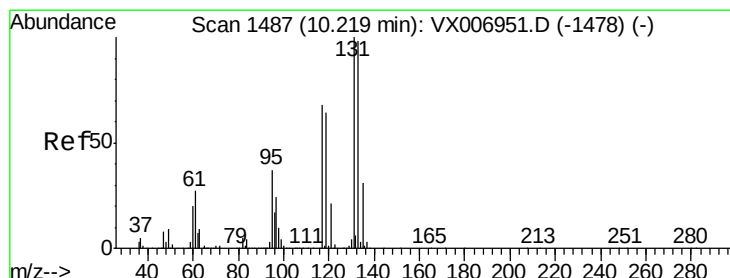
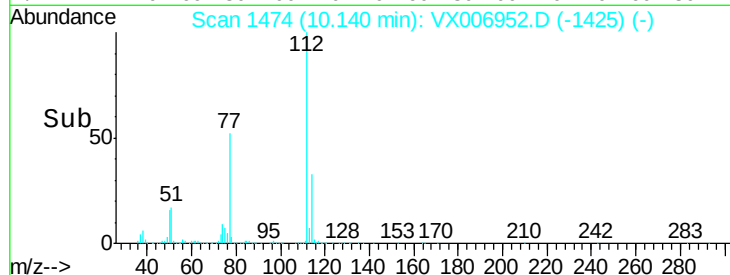
10.14

1000000

500000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 110.245 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

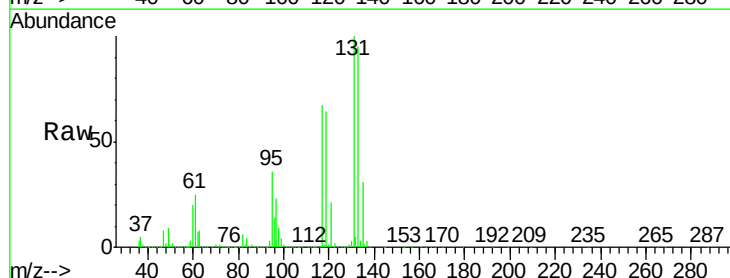
Tgt Ion:131 Resp: 603105

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

119 64.0 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

600000

500000

400000

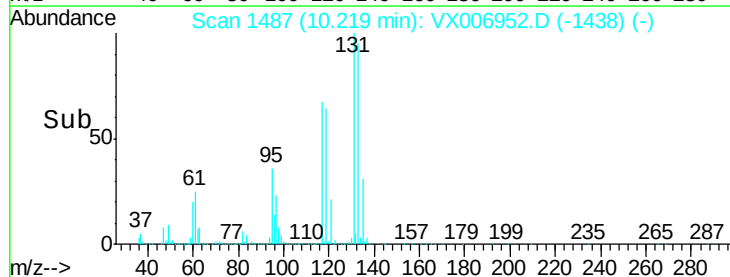
300000

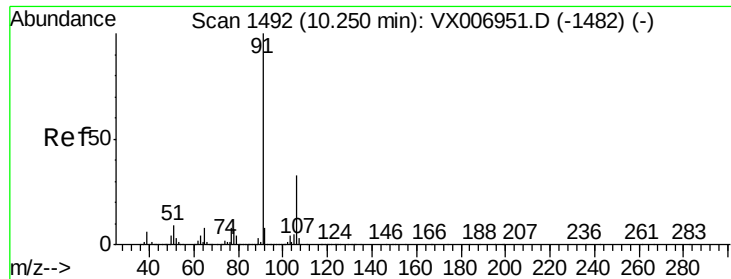
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 96.158 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2713761

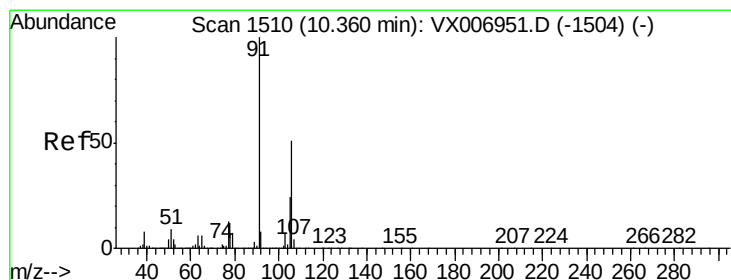
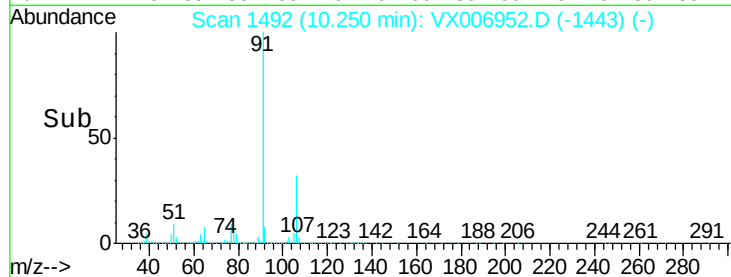
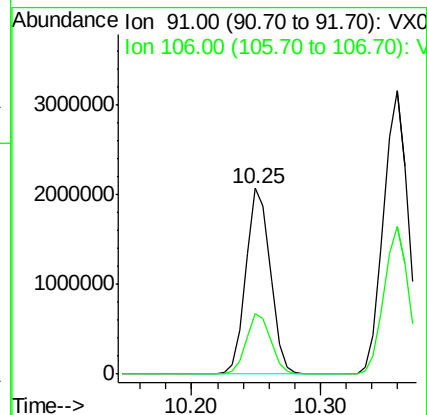
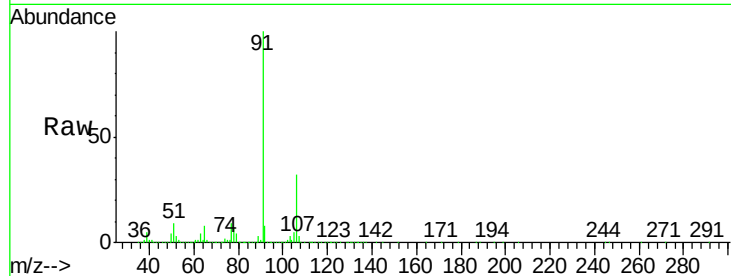
Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6

Manual Integrations  
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#68

m/p-Xylenes

Concen: 197.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006952.D

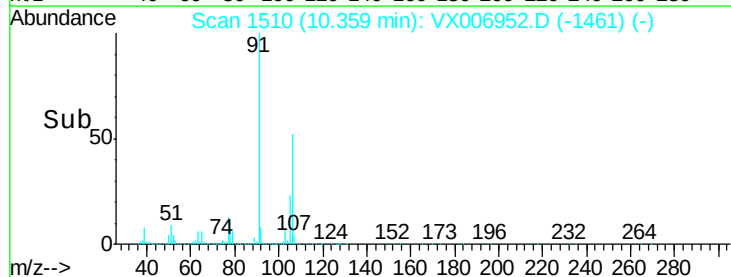
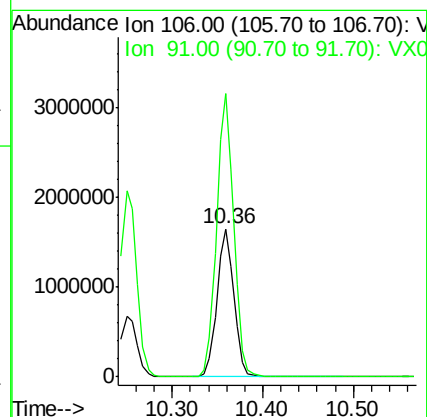
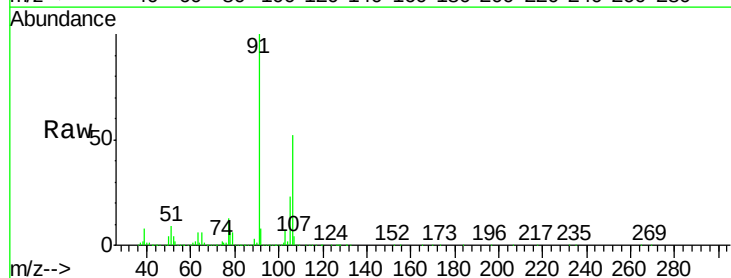
Acq: 08 Jan 2019 13:18

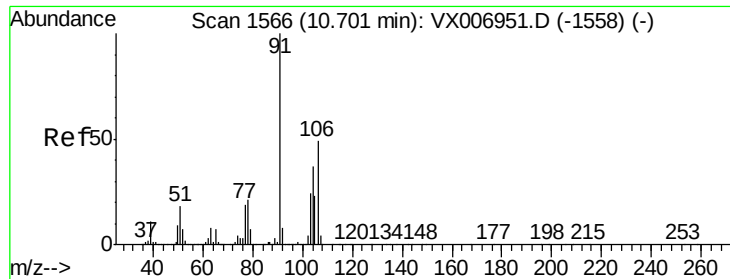
Tgt Ion: 106 Resp: 2175538

Ion Ratio Lower Upper

106 100

91 193.4 155.8 233.6





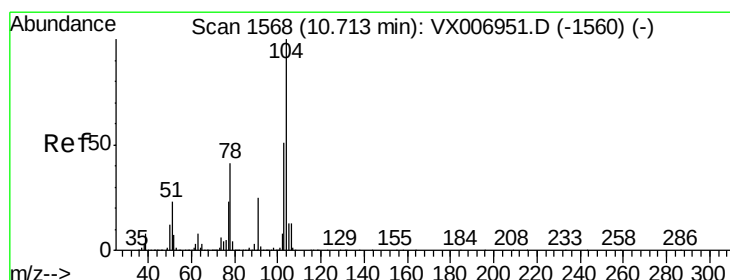
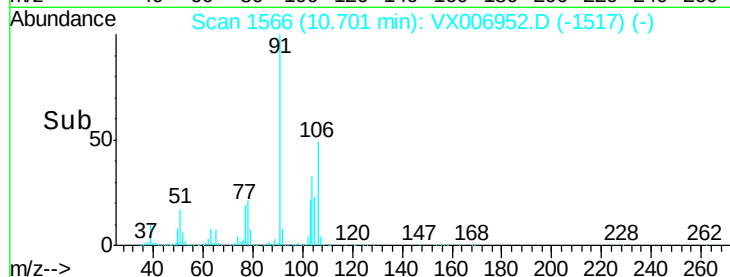
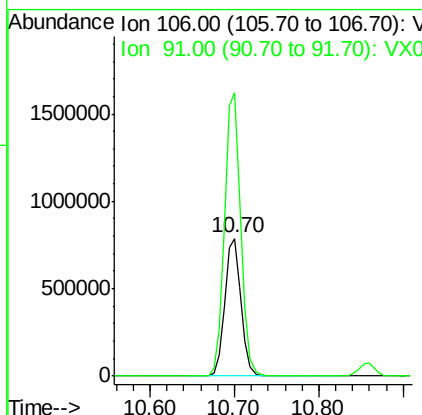
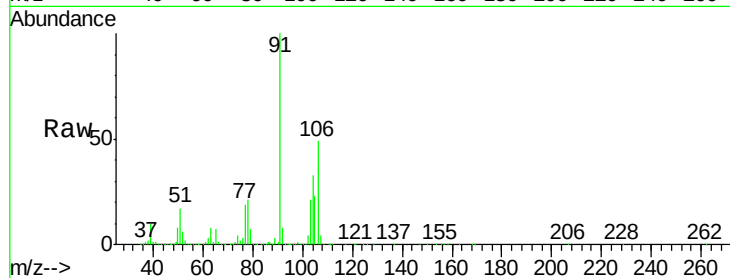
#69  
o-Xylene  
Concen: 96.495 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tot Ion:106 Resp: 1042306  
Ion Ratio Lower Upper  
106 100  
91 206.4 101.3 303.7

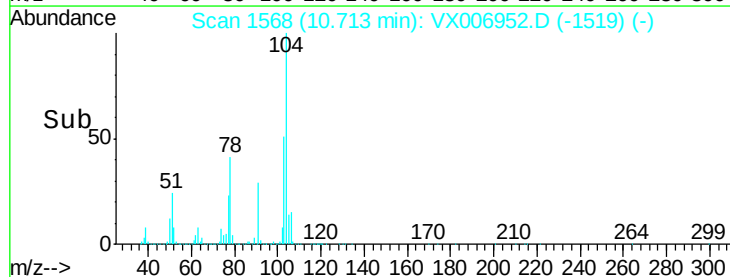
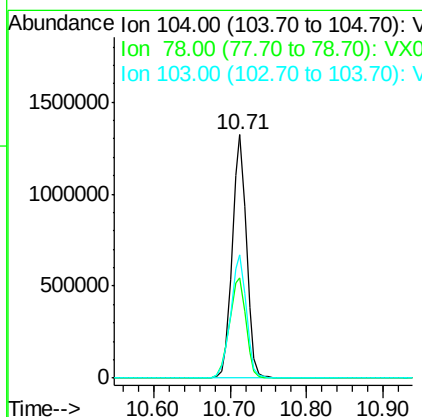
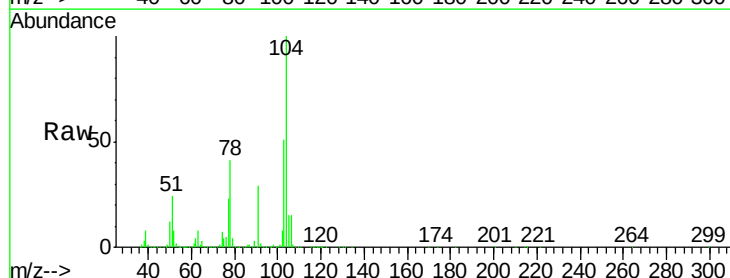
Manual Integrations  
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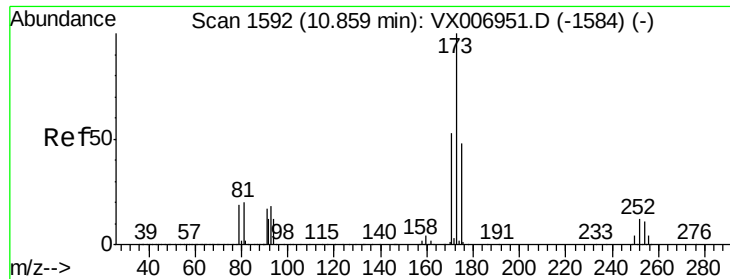


#70  
Styrene  
Concen: 101.750 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Tgt Ion:104 Resp: 1707539  
Ion Ratio Lower Upper  
104 100  
78 47.8 37.7 56.5  
103 55.6 43.8 65.8







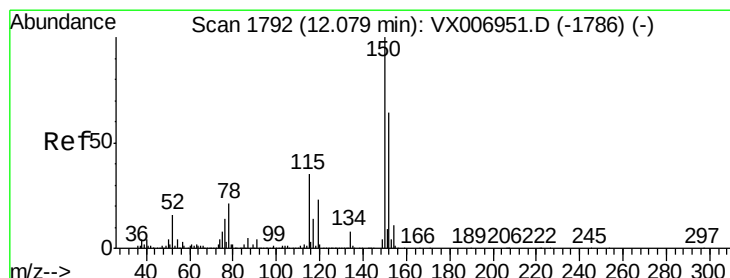
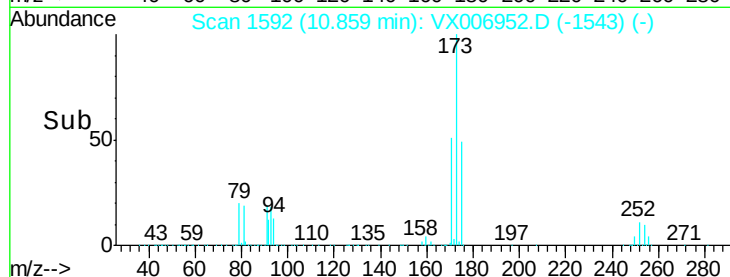
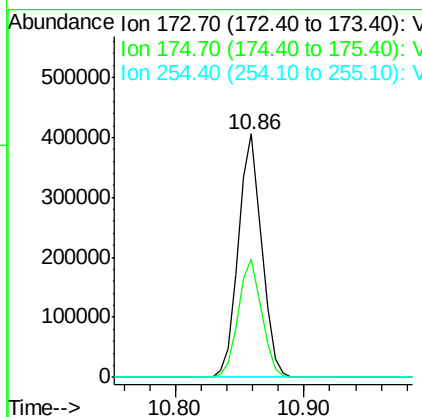
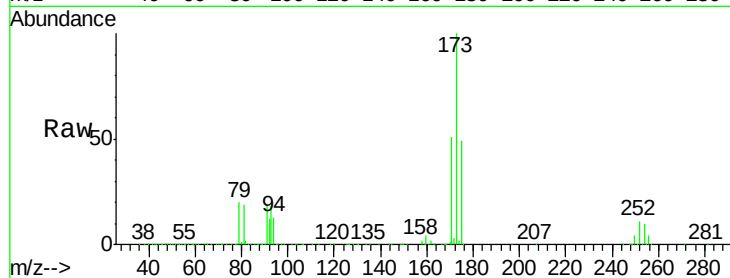
#71  
Bromoform  
Concen: 133.806 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.9  | 24.7  | 74.1  |
| 254     | 0.2   | 0.2   | 0.2   |

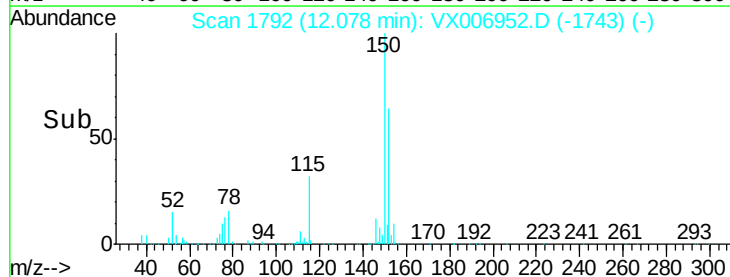
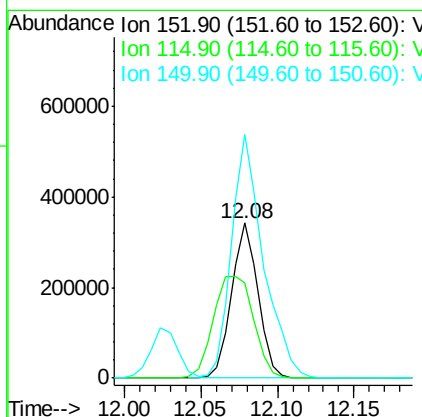
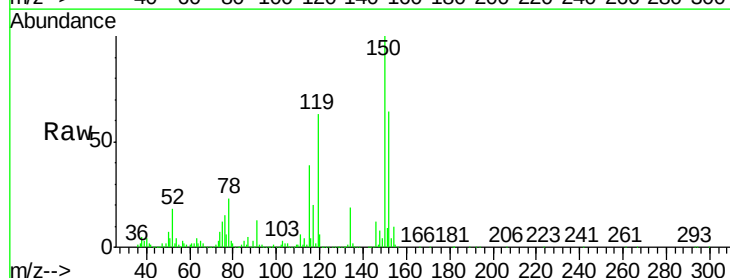
Manual Integrations  
APPROVED

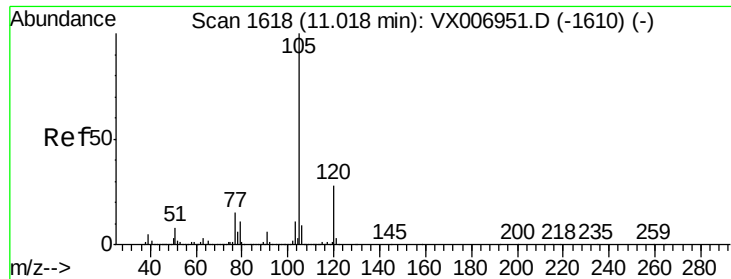
MMDadoda  
1/9/2019 10:25:07 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 100.4 | 39.1  | 117.2 |
| 150     | 190.7 | 0.0   | 344.8 |





#73

Isopropylbenzene

Concen: 92.659 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2740184

Ion Ratio Lower Upper

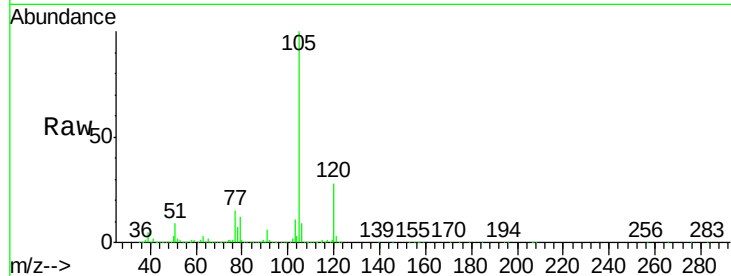
105 100

120 27.8 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

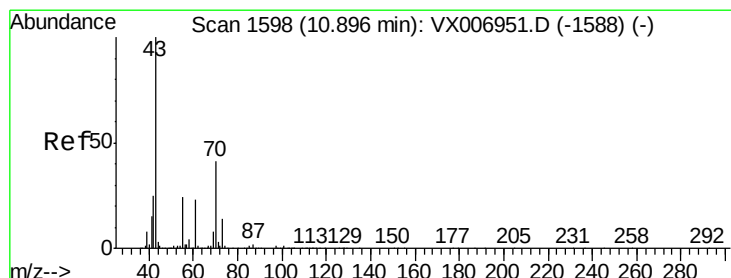
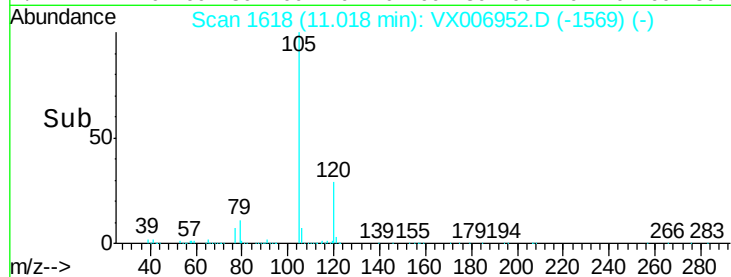
1000000

500000

0

11.02

Time-->



#74

N-ethyl acetate

Concen: 104.574 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Tgt Ion: 43 Resp: 1187886

Ion Ratio Lower Upper

43 100

70 42.1 35.8 53.8

55 23.0 19.4 29.0

61 24.2 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

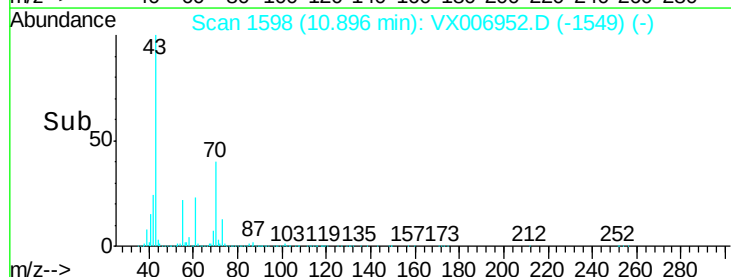
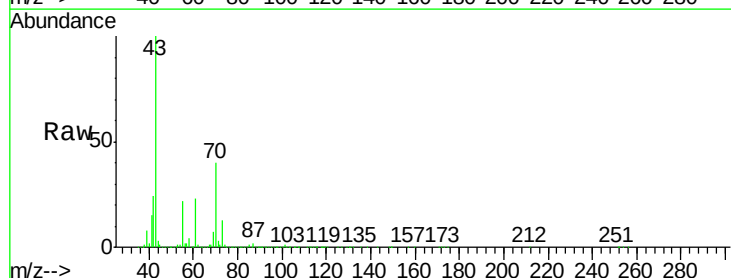
1000000

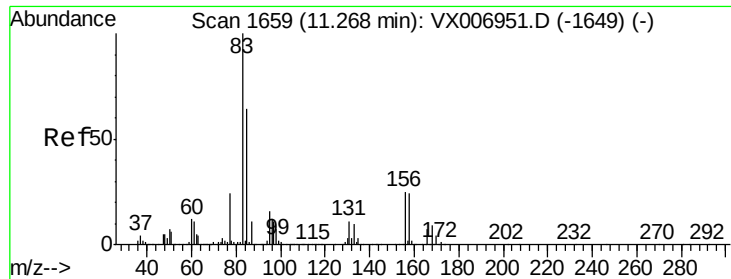
500000

0

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 95.411 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 879718

Ion Ratio Lower Upper

83 100

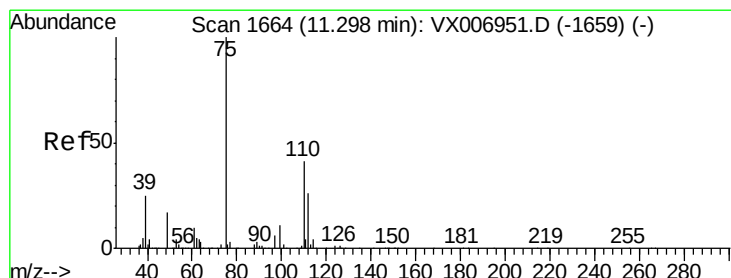
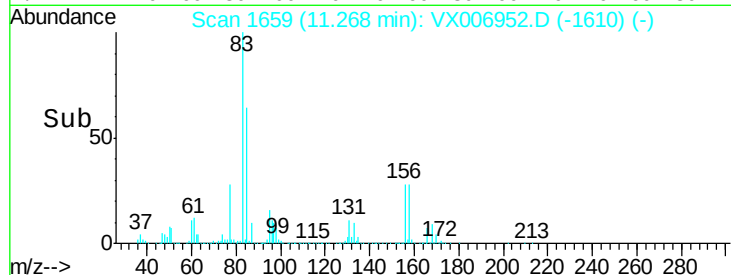
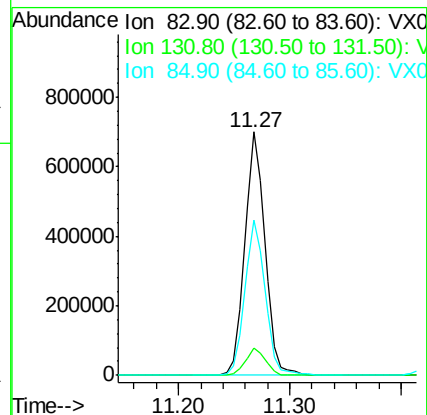
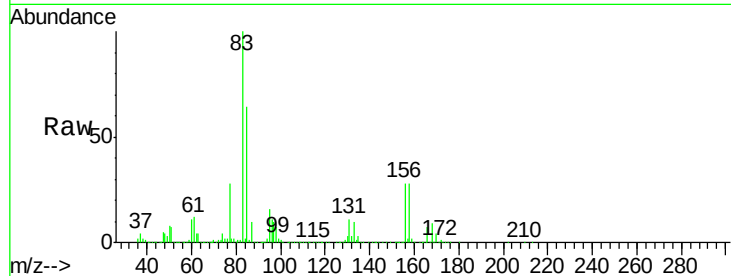
131 11.2 5.7 17.1

85 64.3 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 96.988 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006952.D

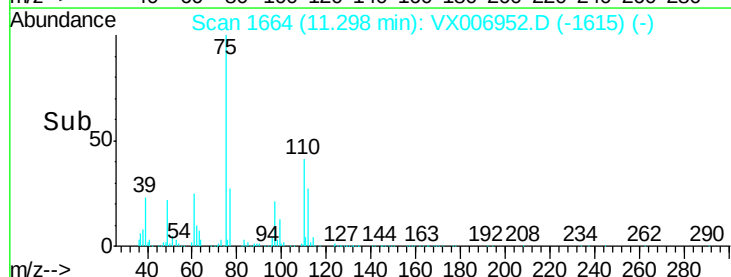
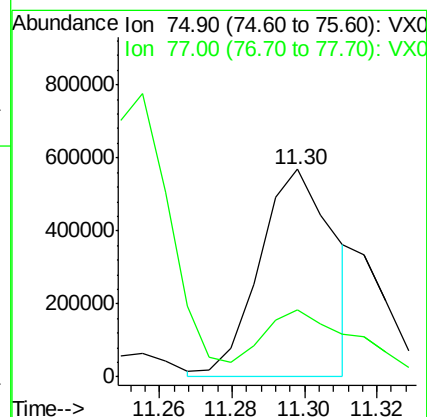
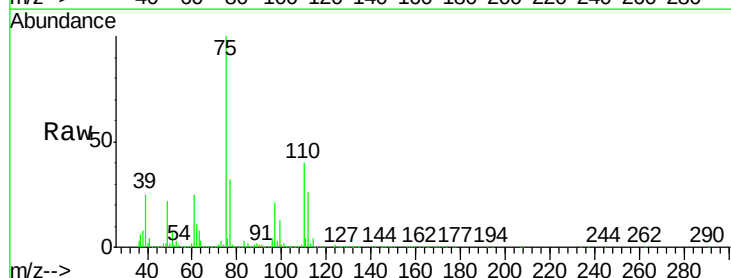
Acq: 08 Jan 2019 13:18

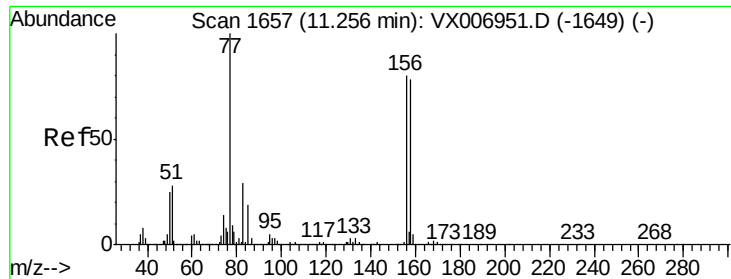
Tgt Ion: 75 Resp: 810590

Ion Ratio Lower Upper

75 100

77 40.5 18.5 55.5





#77

Bromobenzene

Concen: 92.686 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

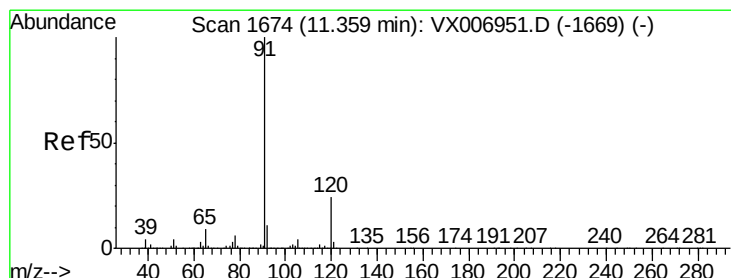
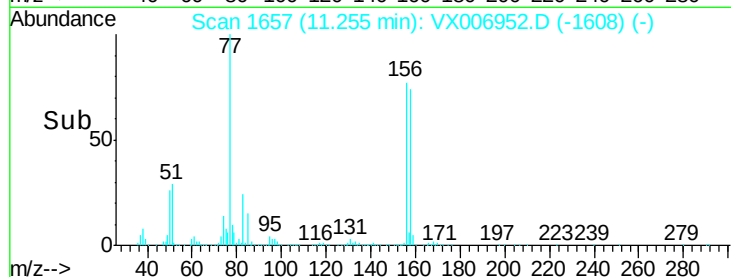
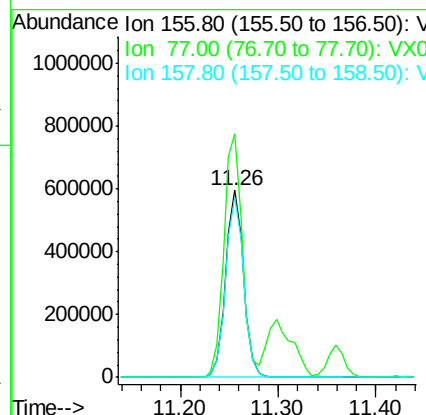
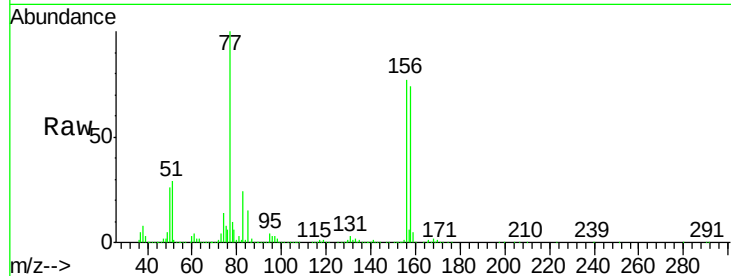
ClientSampleId :

VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 134.5 | 68.0  | 204.0 |
| 158     | 97.2  | 48.3  | 144.8 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 94.608 ug/l

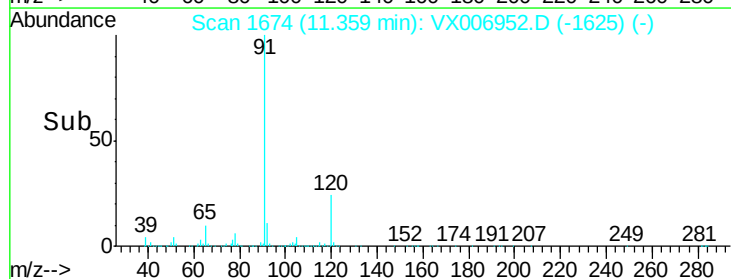
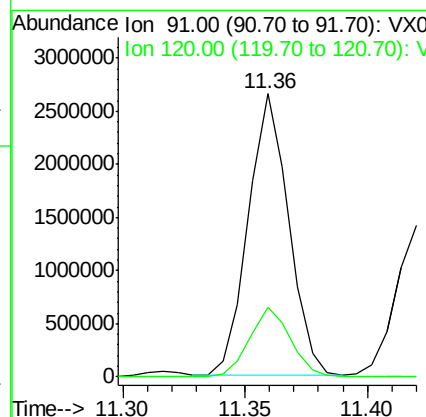
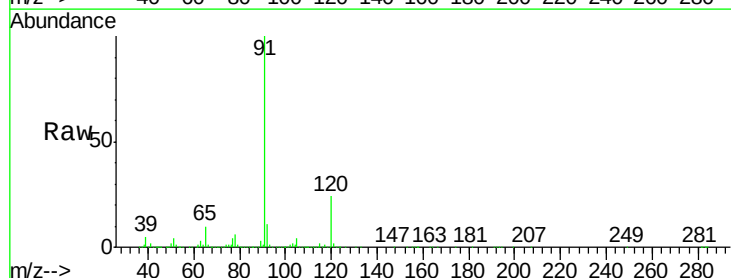
RT: 11.36 min Scan# 1674

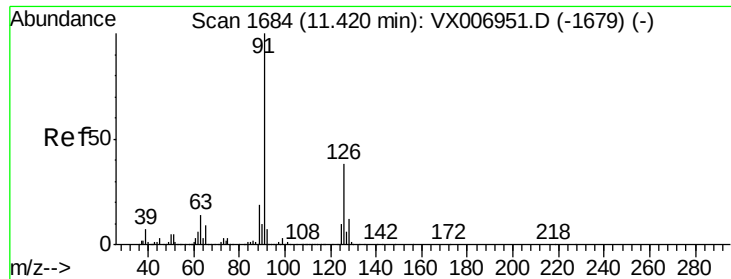
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.0  | 12.7  | 38.0  |





#79

2-Chlorotoluene

Concen: 90.659 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1778632

Ion Ratio Lower Upper

91 100

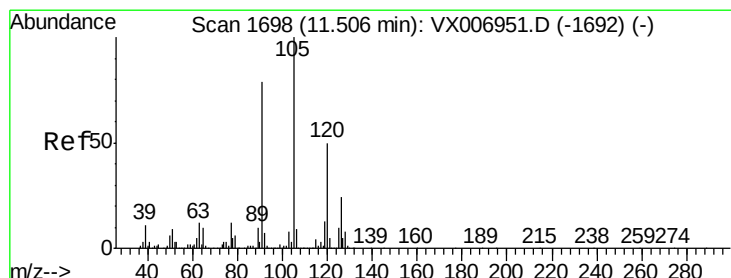
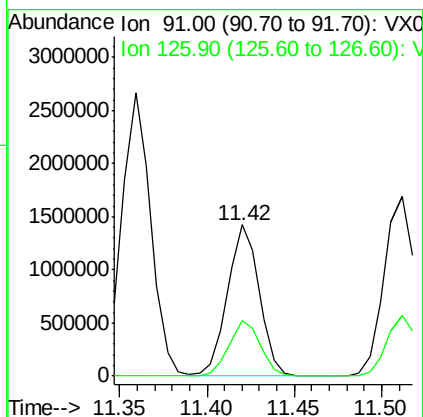
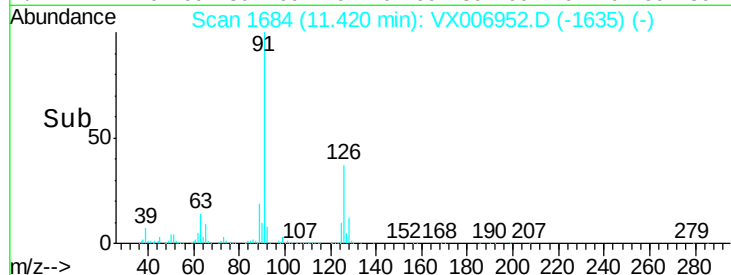
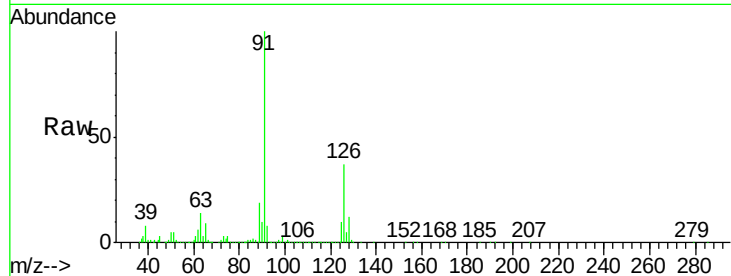
126 37.1 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 93.078 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006952.D

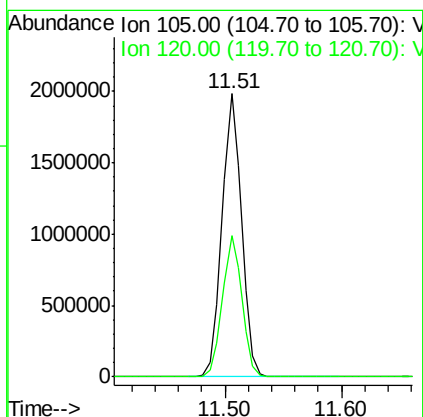
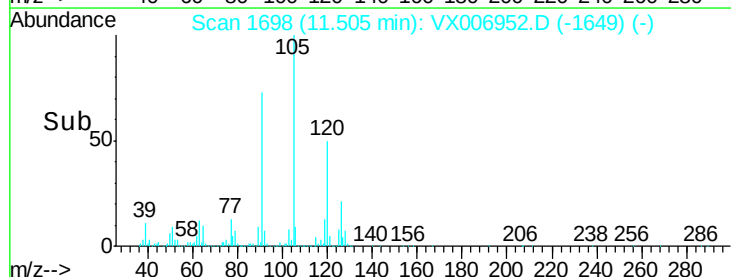
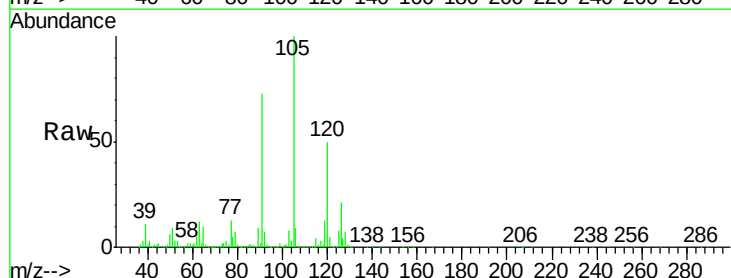
Acq: 08 Jan 2019 13:18

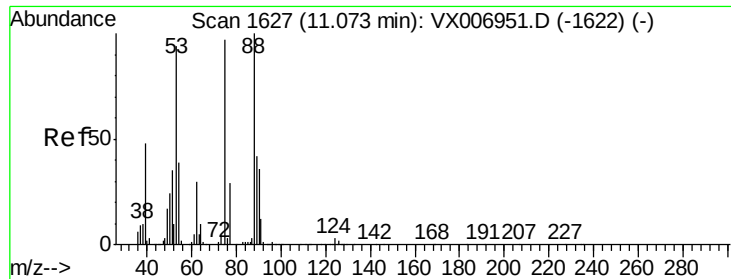
Tgt Ion:105 Resp: 2288172

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 137.703 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

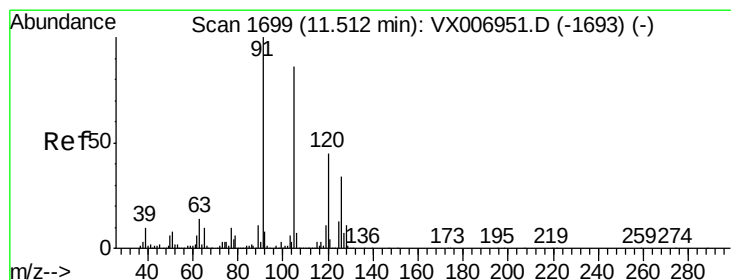
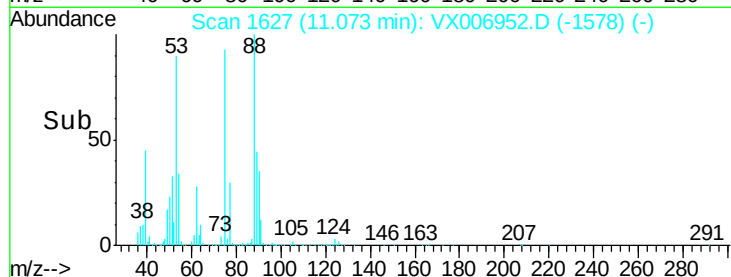
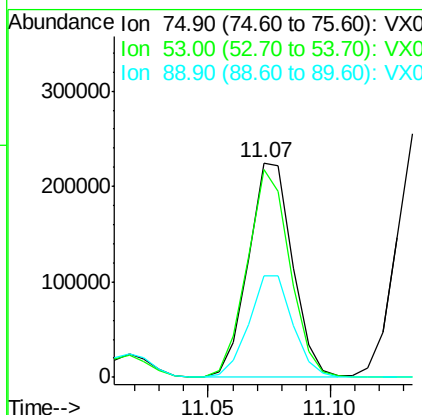
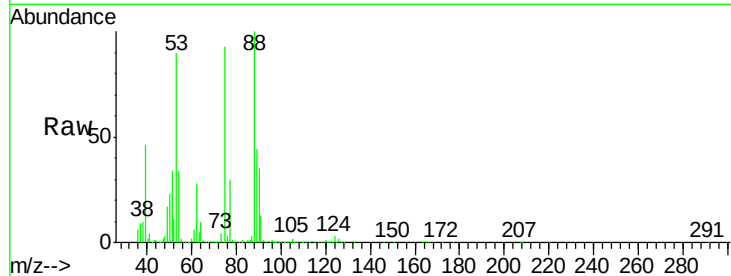
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 280452 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 93.7  | 79.7  | 119.5  |
| 89        | 47.7  | 38.0  | 57.0   |

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#82

4-Chlorotoluene

Concen: 95.332 ug/l

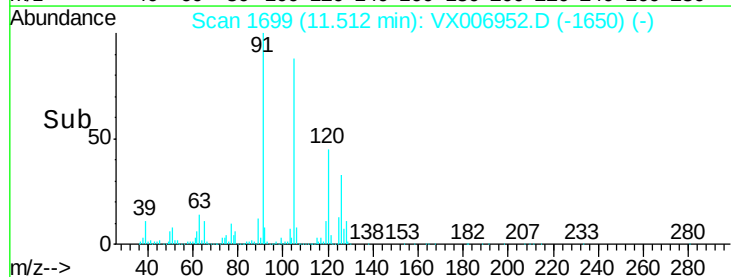
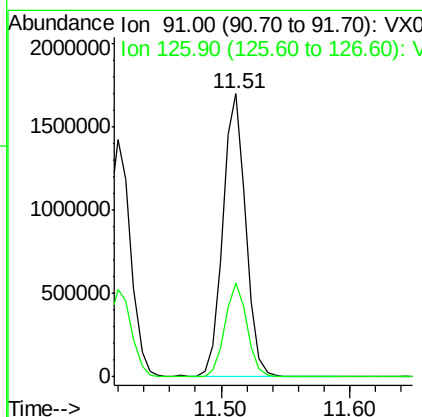
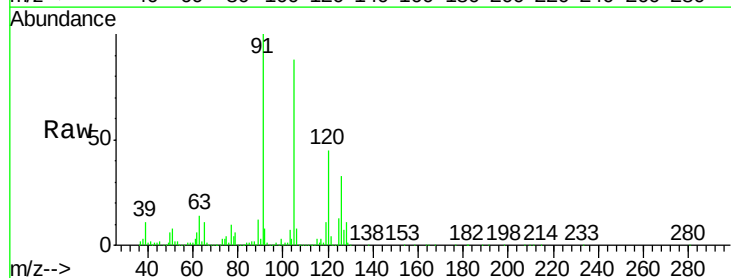
RT: 11.51 min Scan# 1699

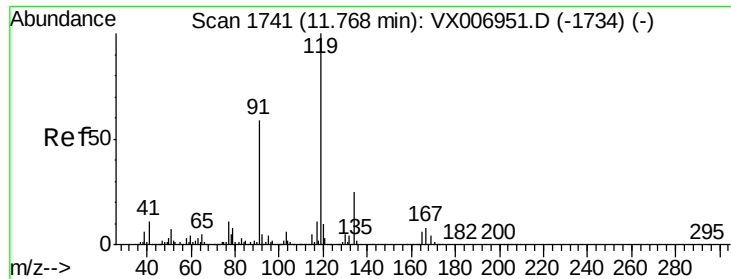
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 2123952 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 126       | 32.5  | 16.3  | 48.9    |





#83

tert-Butylbenzene

Concen: 96.628 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC100

Tot Ion:119 Resp: 2338657

Ion Ratio Lower Upper

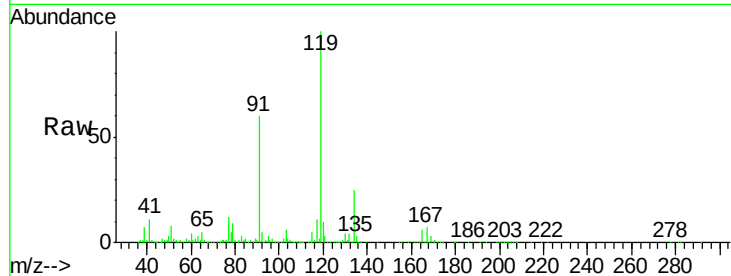
119 100

91 53.8 27.7 83.1

134 23.5 11.9 35.5

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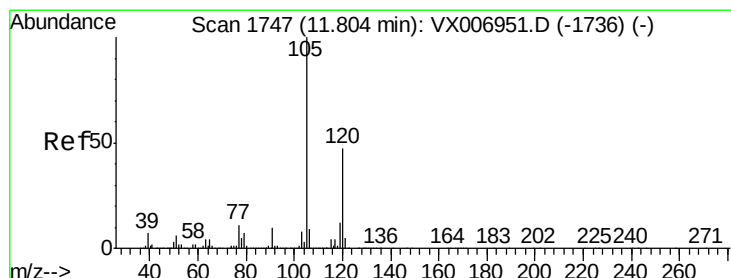
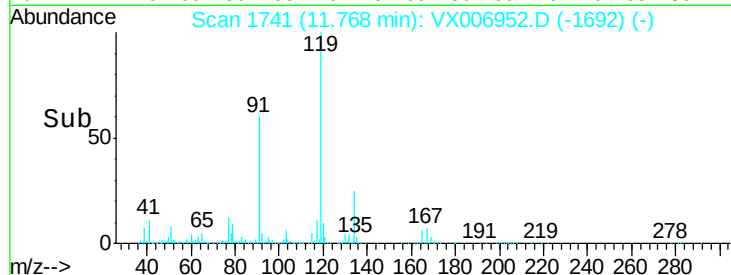
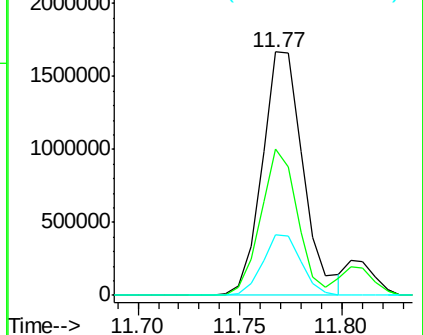
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 94.847 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006952.D

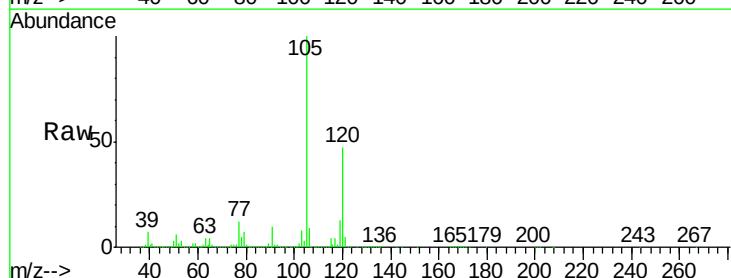
Acq: 08 Jan 2019 13:18

Tgt Ion:105 Resp: 2329940

Ion Ratio Lower Upper

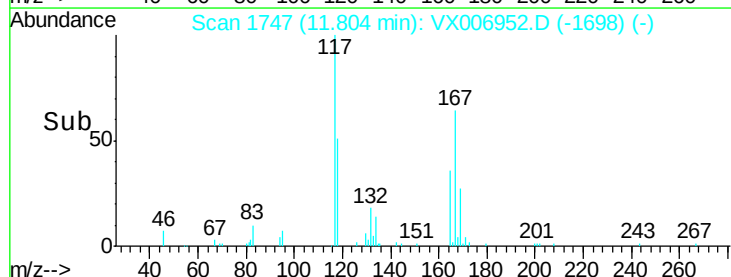
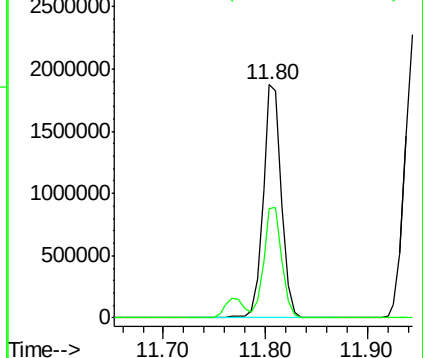
105 100

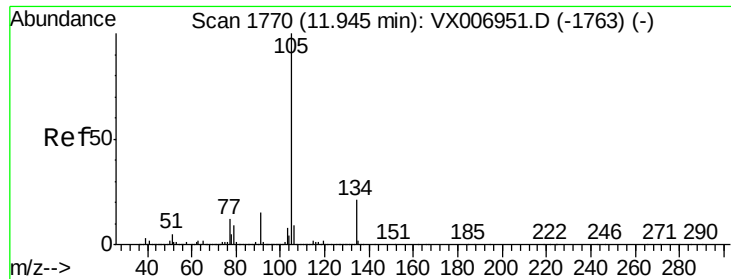
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 93.209 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2726387

Ion Ratio Lower Upper

105 100

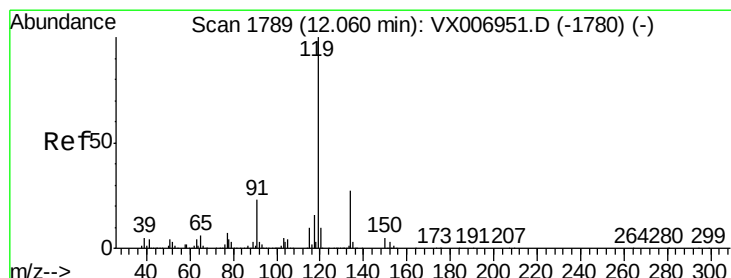
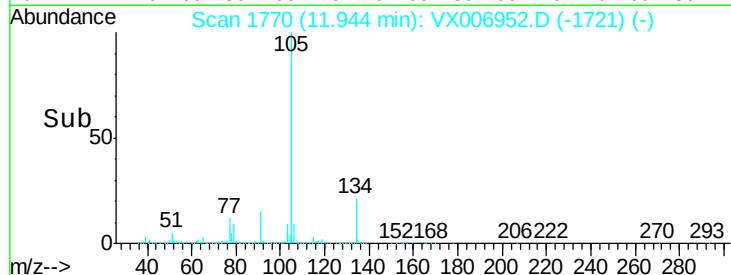
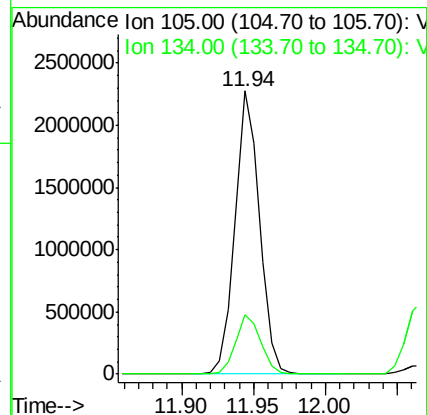
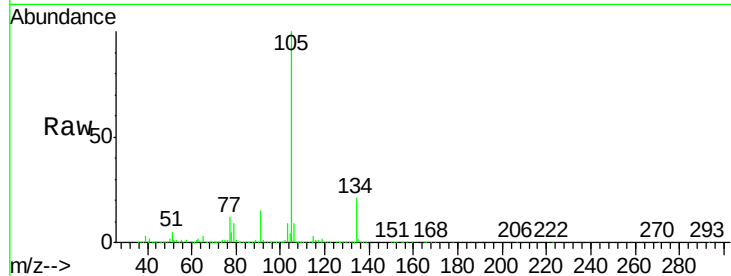
134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 95.320 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

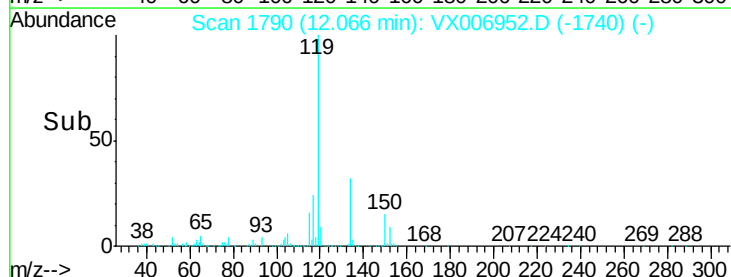
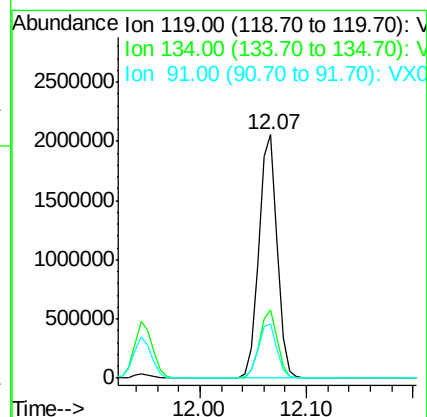
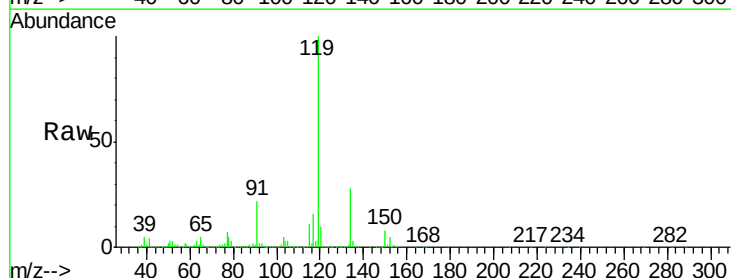
Tgt Ion:119 Resp: 2472031

Ion Ratio Lower Upper

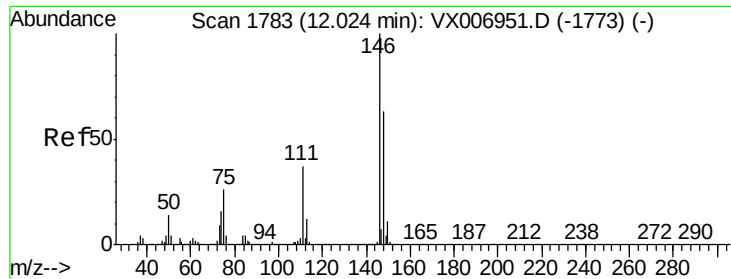
119 100

134 27.7 14.0 41.9

91 22.5 11.3 33.9







#87

1,3-Dichlorobenzene

Concen: 91.662 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

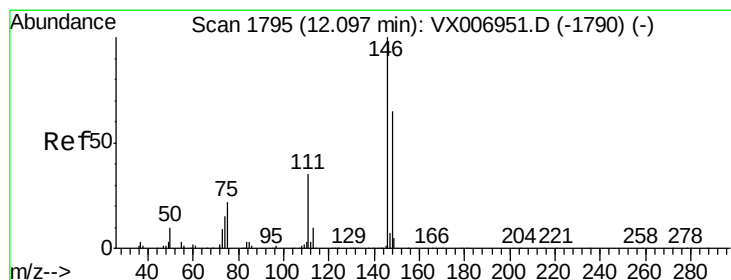
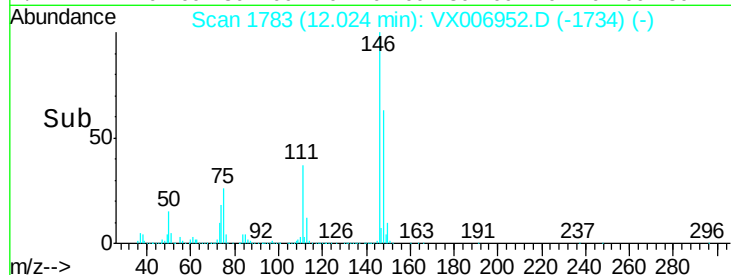
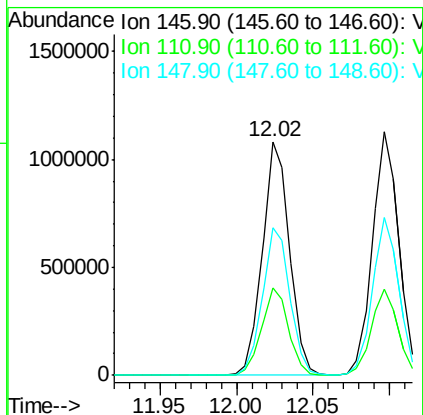
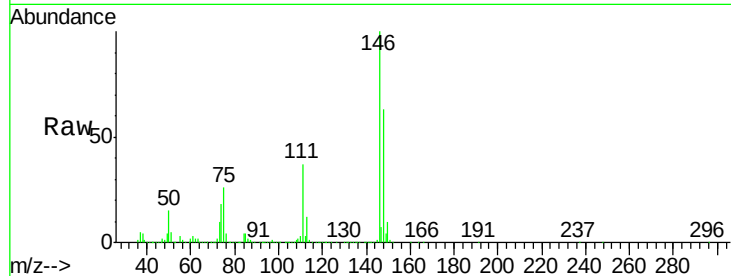
ClientSampled :

VSTDIC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 146   | Resp: | 1342662 |
| Ion      | Ratio | Lower | Upper   |
| 146      | 100   |       |         |
| 111      | 37.3  | 18.6  | 55.8    |
| 148      | 64.1  | 31.8  | 95.3    |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 88.802 ug/l

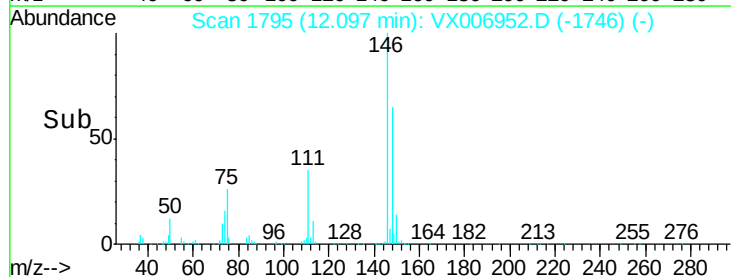
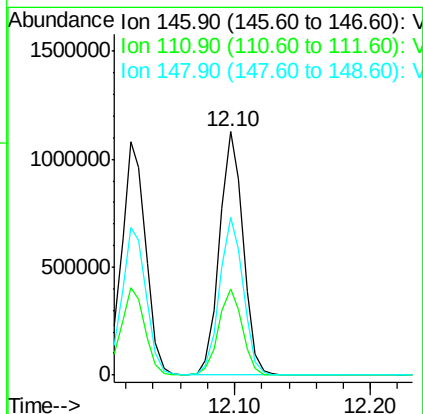
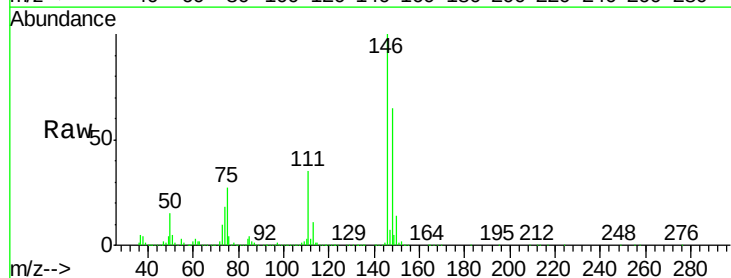
RT: 12.10 min Scan# 1795

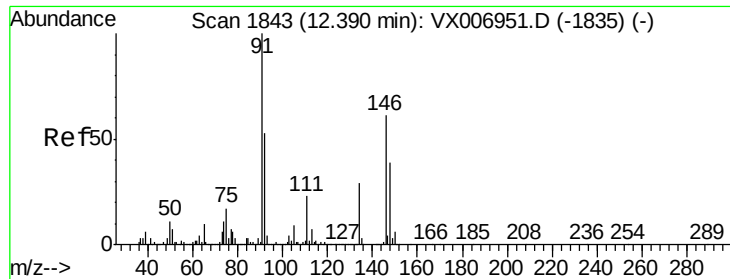
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 146   | Resp: | 1350884 |
| Ion      | Ratio | Lower | Upper   |
| 146      | 100   |       |         |
| 111      | 35.8  | 18.1  | 54.1    |
| 148      | 64.7  | 31.9  | 95.9    |





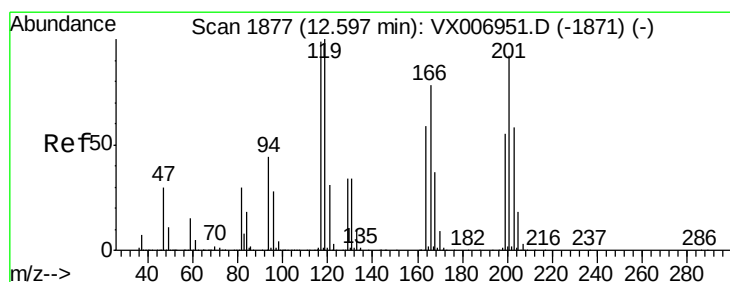
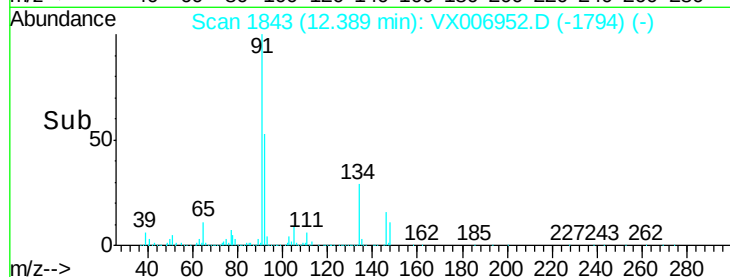
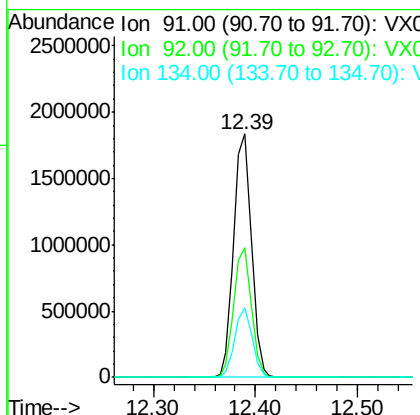
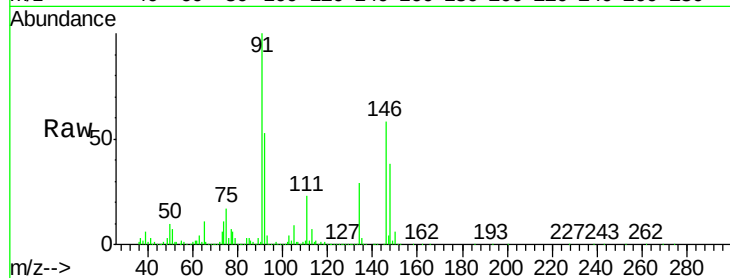
#89  
n-Butylbenzene  
Concen: 101.568 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.8  | 80.4  |
| 134     | 28.2  | 14.4  | 43.2  |

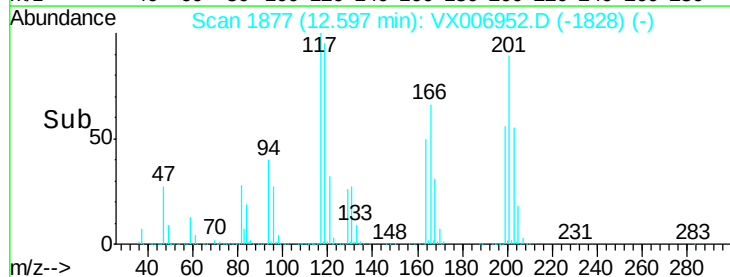
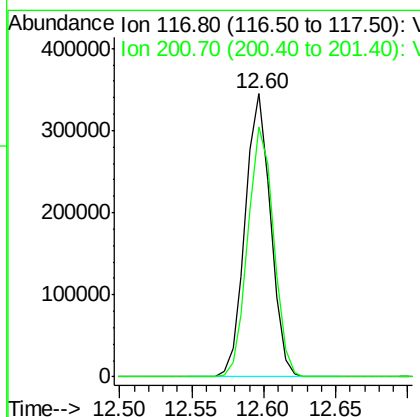
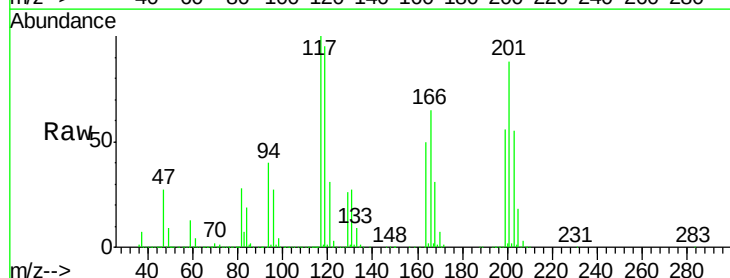
Manual Integrations  
APPROVED

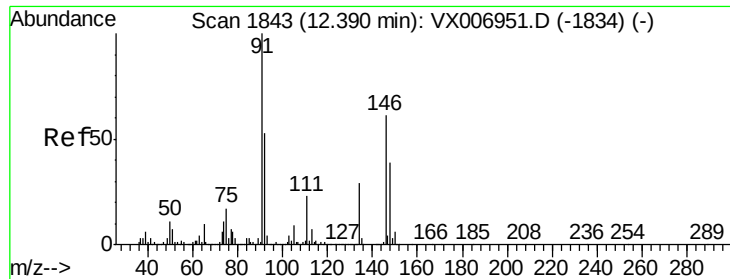
MMDadoda  
1/9/2019 10:25:07 AM



#90  
Hexachloroethane  
Concen: 128.234 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX006952.D  
Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.6  | 42.9  | 128.7 |





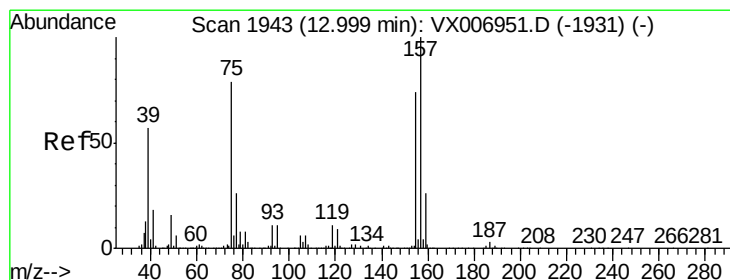
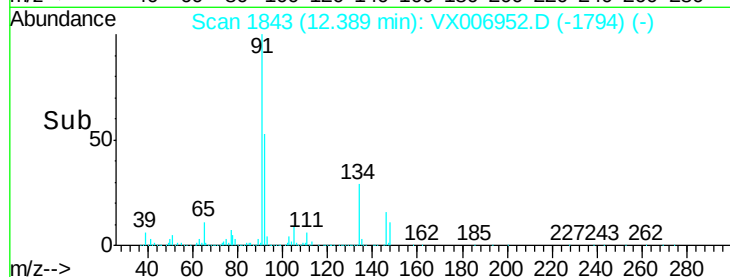
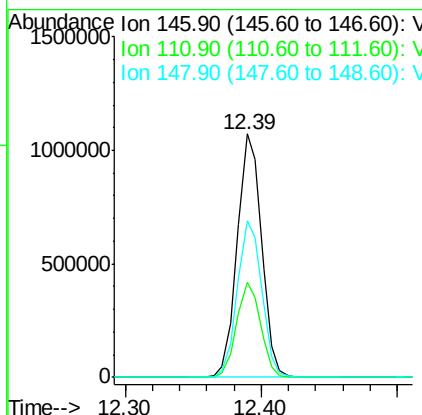
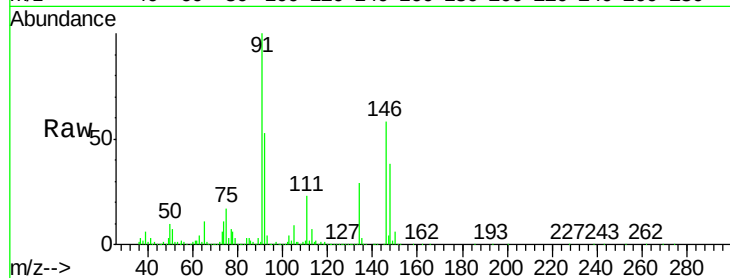
#91  
 1,2-Dichlorobenzene  
 Concen: 93.106 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.4  | 58.2  |
| 148     | 64.5  | 32.3  | 96.9  |

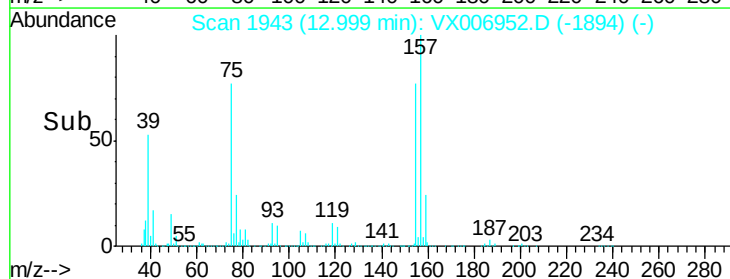
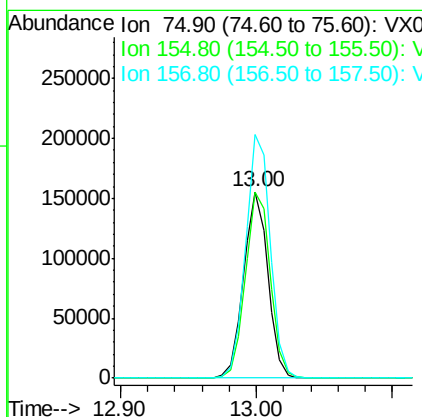
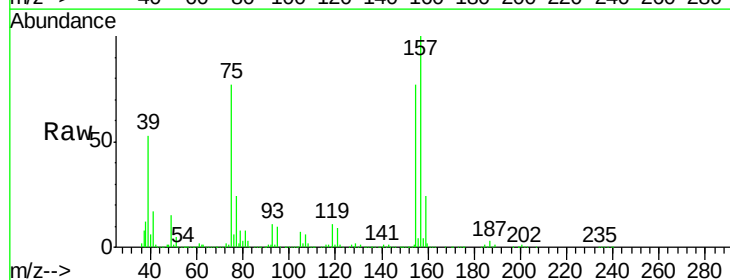
Manual Integrations  
 APPROVED

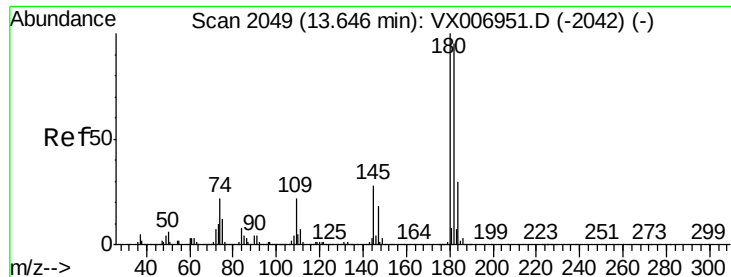
MMDadoda  
 1/9/2019 10:25:07 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 112.019 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX006952.D  
 Acq: 08 Jan 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 102.6 | 50.6  | 151.8 |
| 157     | 132.8 | 64.6  | 193.8 |





#93

1,2,4-Trichlorobenzene

Concen: 100.608 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

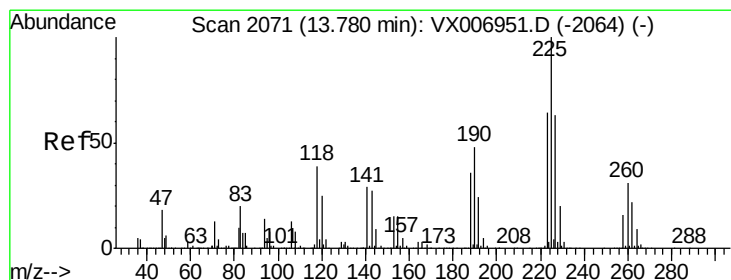
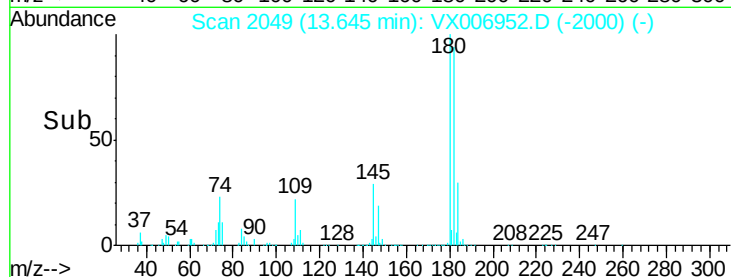
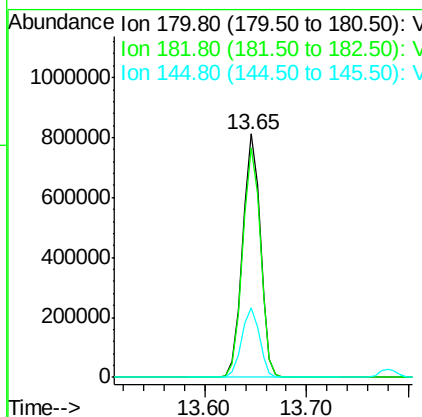
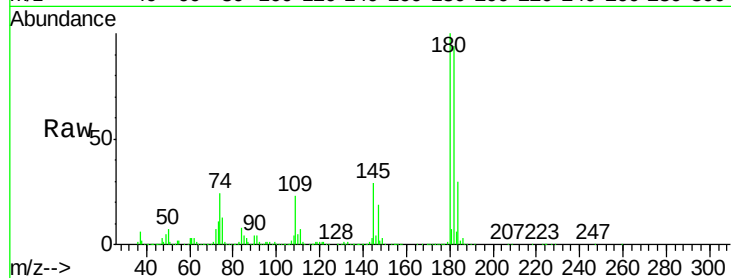
ClientSampled :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 967241 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.0  | 47.3  | 142.0  |
| 145       | 28.6  | 14.8  | 44.3   |

Manual Integrations  
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#94

Hexachlorobutadiene

Concen: 97.332 ug/l

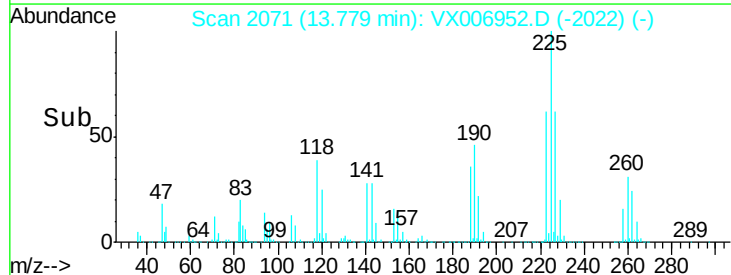
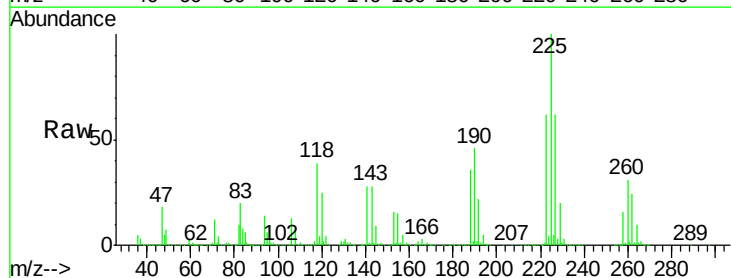
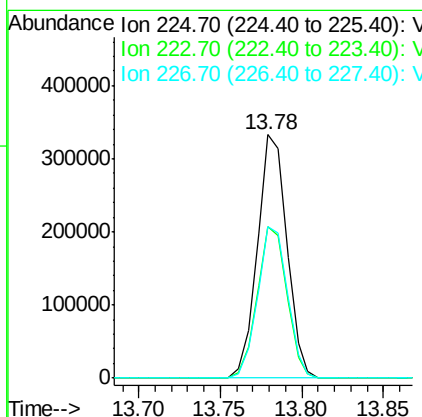
RT: 13.78 min Scan# 2071

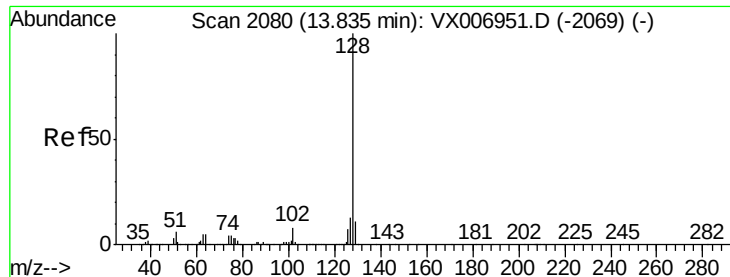
Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 420088 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.6  | 32.1  | 96.3   |
| 227       | 63.0  | 32.3  | 96.8   |





#95

Naphthalene

Concen: 98.788 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

Tot Ion:128 Resp: 2903025

Ion Ratio Lower Upper

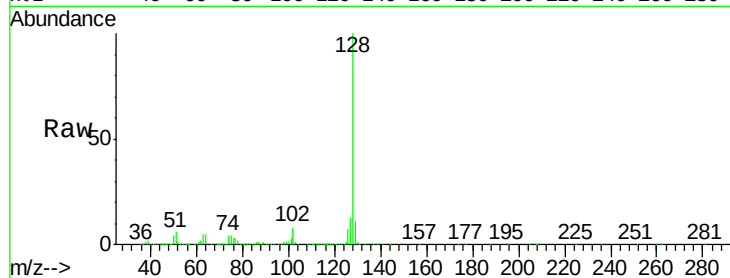
128 100

127 13.0 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations  
APPROVED

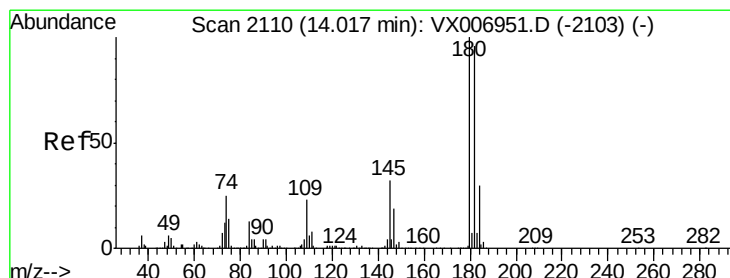
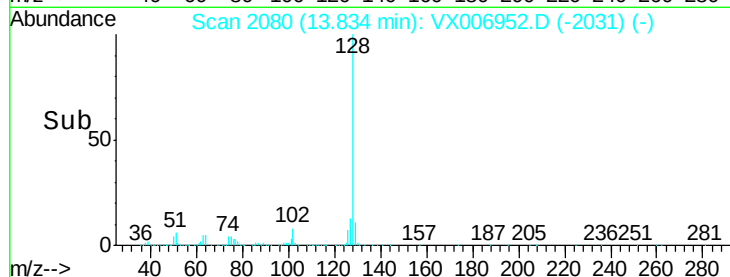
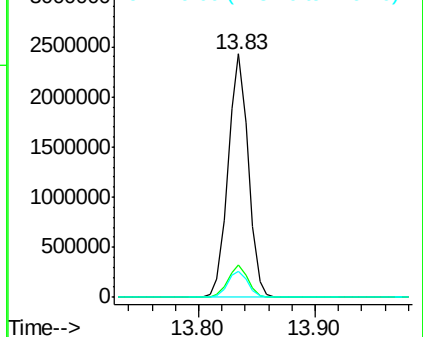
MMDadoda  
1/9/2019 10:25:07 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.845 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006952.D

Acq: 08 Jan 2019 13:18

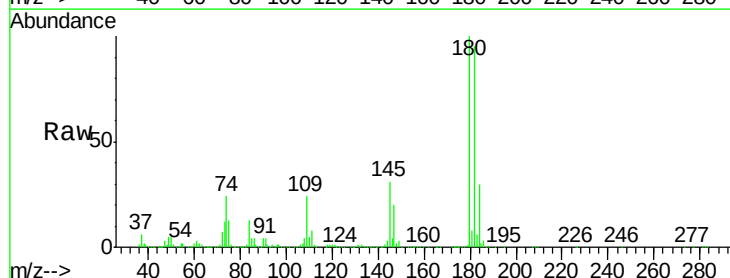
Tgt Ion:180 Resp: 951358

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.5

145 30.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

