

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\  
 Data File : VX005080.D  
 Acq On : 05 Oct 2018 21:31  
 Operator : JC/MD  
 Sample : VX1005WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 2:02:41 PM

Quant Time: Oct 06 00:17:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 234757   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 320004   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 308665   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 187782   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 161248   | 48.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.16%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 131014   | 48.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.62%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 474039   | 52.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.16% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 176744   | 54.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.82% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 60082  | 18.771  | ug/l   | 94     |
| 3) Chloromethane              | 1.32 | 50  | 70859  | 18.247  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 68070  | 18.689  | ug/l   | 100    |
| 5) Bromomethane               | 1.64 | 94  | 39576  | 18.324  | ug/l   | 91     |
| 6) Chloroethane               | 1.71 | 64  | 41210  | 19.334  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 89265  | 19.797  | ug/l   | 93     |
| 8) Diethyl Ether              | 2.18 | 74  | 38282  | 19.543  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 50593  | 19.698  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 49588  | 14.427  | ug/l   | 91     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 90706  | 96.735  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 48933  | 19.237  | ug/l   | 95     |
| 13) Acrolein                  | 2.29 | 56  | 16739  | 25.090  | ug/l   | 88     |
| 14) Allyl chloride            | 2.73 | 41  | 107129 | 19.302  | ug/l   | 95     |
| 15) Acrylonitrile             | 3.15 | 53  | 210989 | 102.215 | ug/l   | 96     |
| 16) Acetone                   | 2.45 | 43  | 178964 | 91.409  | ug/l   | 93     |
| 17) Carbon Disulfide          | 2.57 | 76  | 123290 | 16.130  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 121456 | 24.485  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 185335 | 21.123  | ug/l   | 90     |
| 20) Methylene Chloride        | 2.86 | 84  | 61845  | 21.243  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 51596  | 18.530  | ug/l # | 71     |
| 22) Diisopropyl ether         | 3.87 | 45  | 194203 | 20.780  | ug/l # | 87     |
| 23) Vinyl Acetate             | 3.82 | 43  | 831561 | 97.204  | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 106407 | 19.087  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 277901 | 96.296  | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 67774  | 17.458  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 60608  | 19.484  | ug/l   | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 48359  | 18.420  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 184763 | 103.007 | ug/l   | 97     |
| 30) Chloroform                | 5.21 | 83  | 107698 | 20.441  | ug/l   | 93     |
| 31) Cyclohexane               | 5.57 | 56  | 83380  | 19.541  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 82897  | 19.265  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 68555  | 18.527  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.86 | 43  | 99052  | 20.166  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 71333  | 18.339  | ug/l   | 89     |

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 Sample : VX1005WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 2:02:41 PM

Quant Time: Oct 06 00:17:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 75938    | 20.098  | ug/l   | 87       |
| 40) Benzene                    | 6.14  | 78   | 213813   | 18.457  | ug/l   | 94       |
| 41) Methacrylonitrile          | 5.06  | 41   | 57014    | 20.931  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 80385    | 19.629  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 142985   | 20.169  | ug/l   | 94       |
| 44) Trichloroethene            | 7.21  | 130  | 56868    | 19.969  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 58761    | 20.684  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 36063    | 20.199  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 69315    | 20.736  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 69993    | 21.752  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 31499    | 394.024 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 498784   | 111.740 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 130760   | 20.542  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 72887    | 19.296  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 82729    | 20.910  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 56192    | 20.153  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 84323    | 20.432  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 93035    | 20.048  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 239028   | 108.066 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 388954   | 104.564 | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.59  | 129  | 54935    | 19.701  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 57338    | 19.202  | ug/l   | 95       |
| 64) Tetrachloroethene          | 9.34  | 164  | 60560    | 19.935  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.14 | 112  | 149488   | 18.887  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 53008    | 19.050  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 244275   | 19.439  | ug/l   | 94       |
| 68) m/p-Xylenes                | 10.36 | 106  | 191420   | 38.982  | ug/l   | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 92893    | 20.596  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 154619   | 19.685  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 43424    | 18.228  | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.02 | 105  | 254570   | 21.508  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 119009   | 19.402  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 91046    | 18.897  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 84505m   | 20.078  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 68269    | 19.858  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 288363   | 21.233  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 174853   | 20.656  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 214229   | 19.628  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 23429    | 16.566  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 205639   | 20.639  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 207407   | 21.283  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 220390   | 19.579  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 255763   | 21.547  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 224991   | 20.921  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 125448   | 19.542  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 128652   | 19.414  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 196868   | 20.157  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 33842    | 18.900  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 126276   | 18.823  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20920    | 19.775  | ug/l   | 100      |

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Data File : VX005080.D  
Acq On : 05 Oct 2018 21:31  
Operator : JC/MD  
Sample : VX1005WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

Manual Integrations  
APPROVED

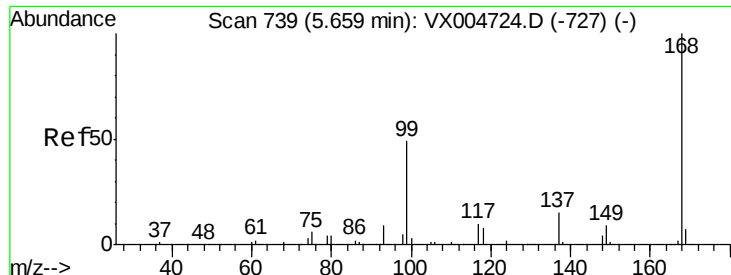
MMDadoda  
10/8/2018 2:02:41 PM

Quant Time: Oct 06 00:17:16 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 92407    | 19.636 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 47229    | 19.353 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 292441   | 19.173 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 97190    | 19.992 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion:168 Resp: 234757

Ion Ratio Lower Upper

168 100

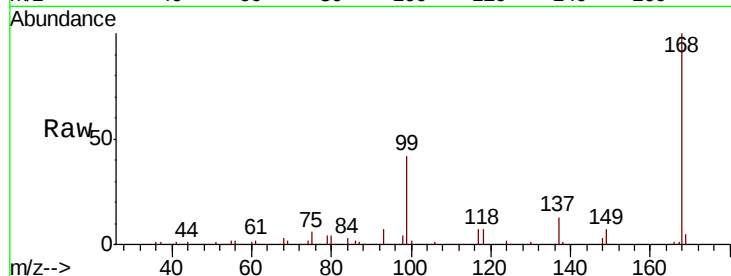
99 42.1 39.3 58.9

Manual Integrations

APPROVED

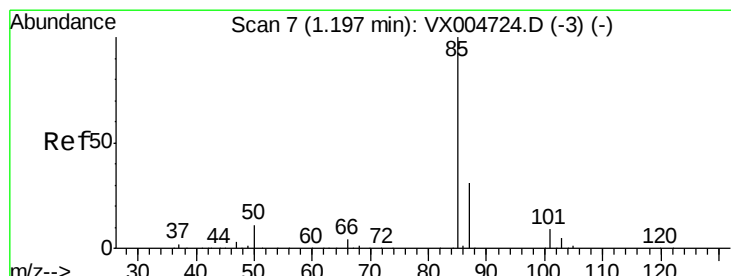
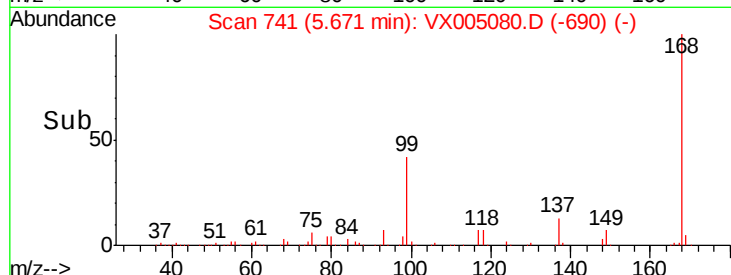
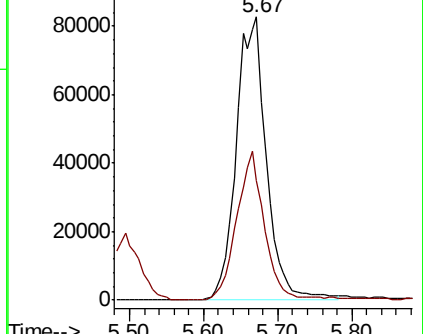
MMDadoda

10/8/2018 2:02:41 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.771 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005080.D

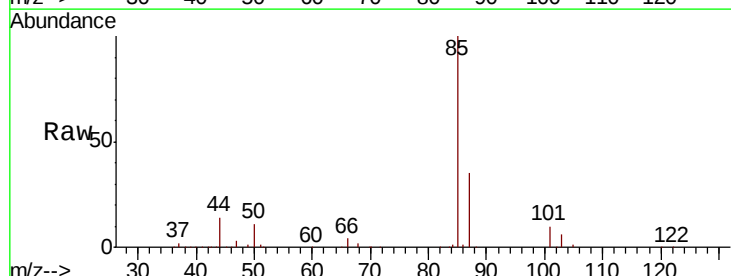
Acq: 05 Oct 2018 21:31

Tgt Ion: 85 Resp: 60082

Ion Ratio Lower Upper

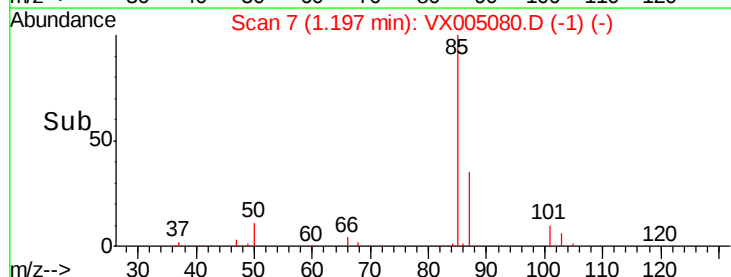
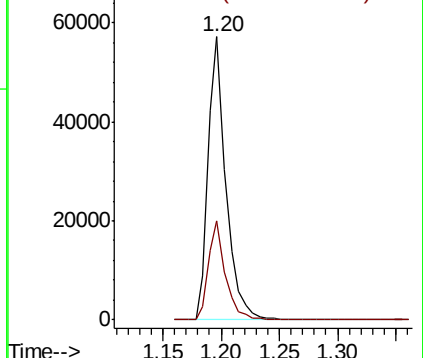
85 100

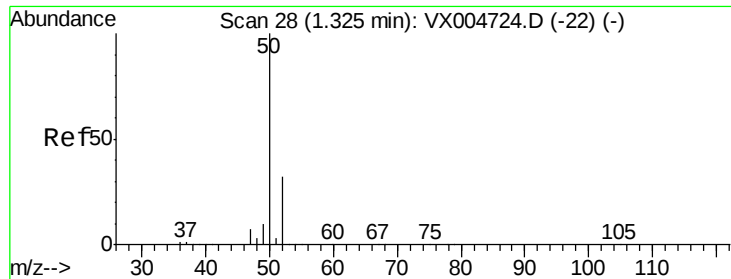
87 34.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.247 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 50 Resp: 70859

Ion Ratio Lower Upper

50 100

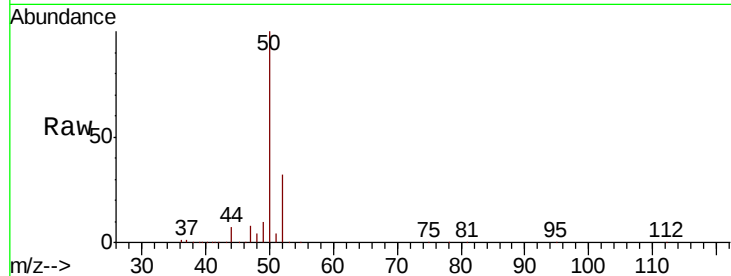
52 32.4 25.8 38.6

Manual Integrations

APPROVED

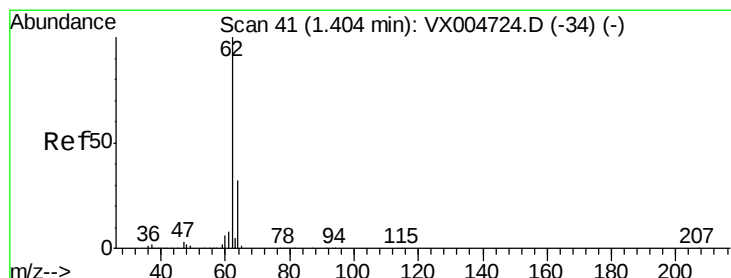
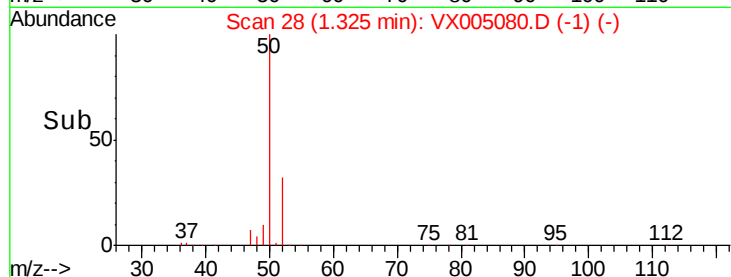
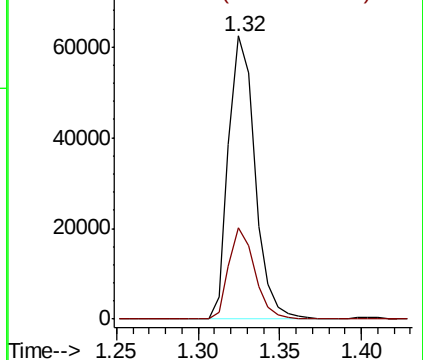
MMDadoda

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.689 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005080.D

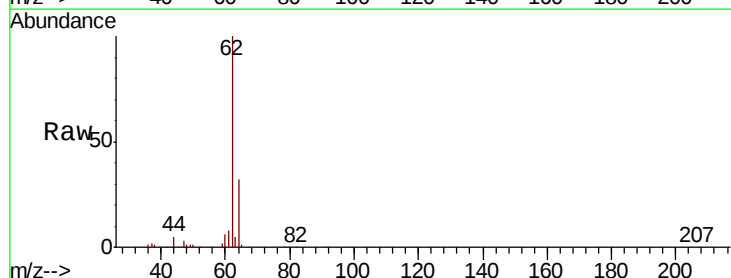
Acq: 05 Oct 2018 21:31

Tgt Ion: 62 Resp: 68070

Ion Ratio Lower Upper

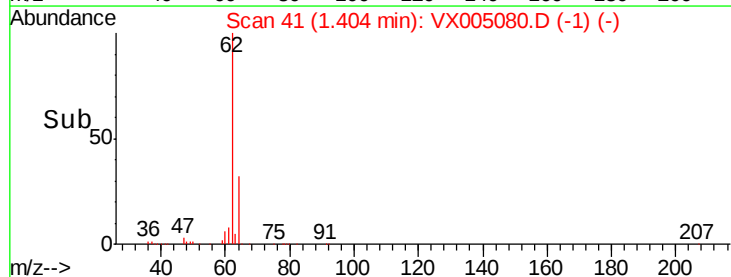
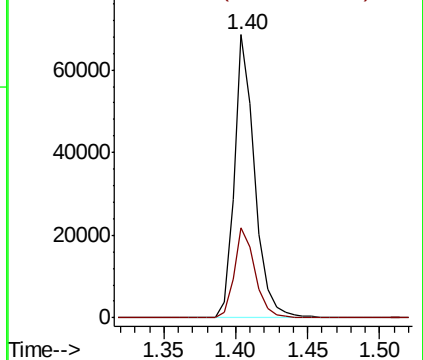
62 100

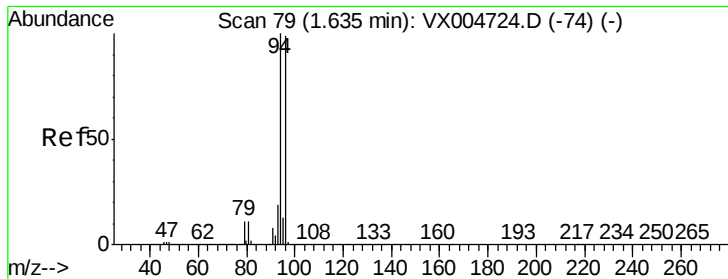
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.324 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 94 Resp: 39576

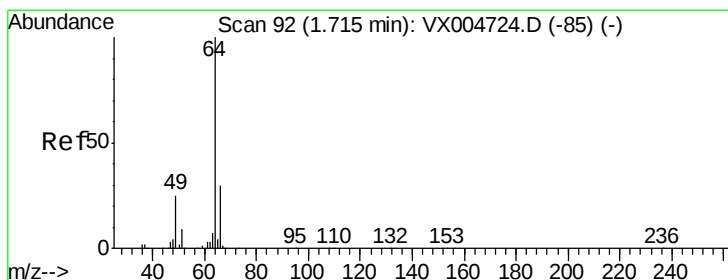
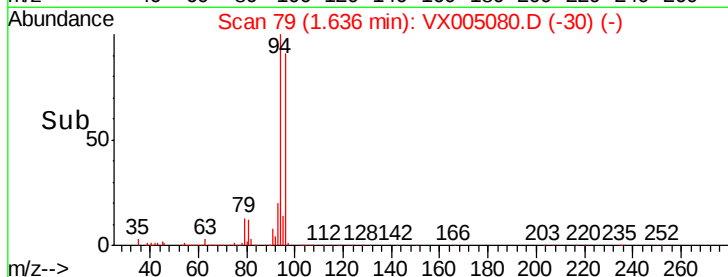
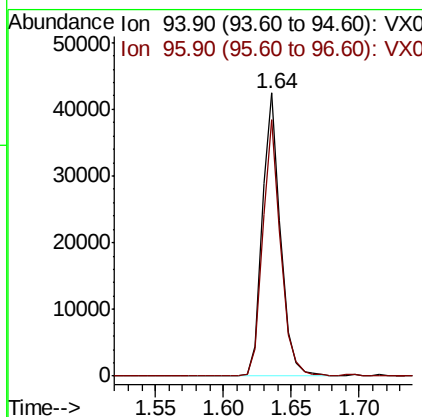
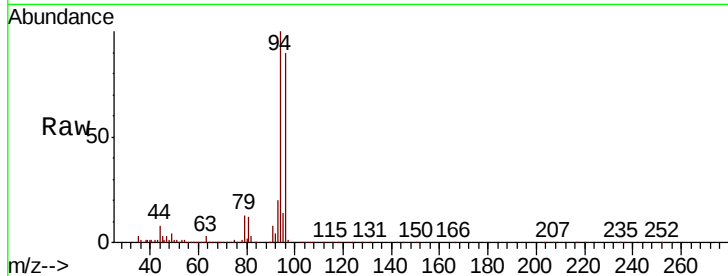
Ion Ratio Lower Upper

94 100

96 90.5 79.5 119.3

Manual Integrations  
APPROVED

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10/8/2018 2:02:41 PM



#6

Chloroethane

Concen: 19.334 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005080.D

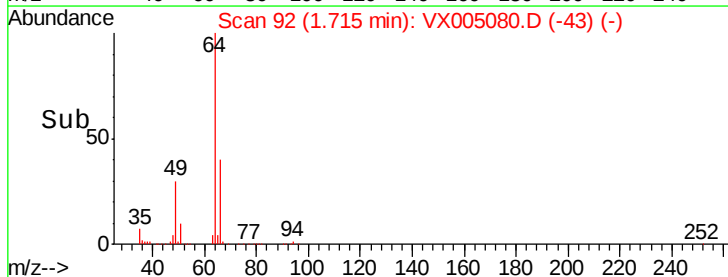
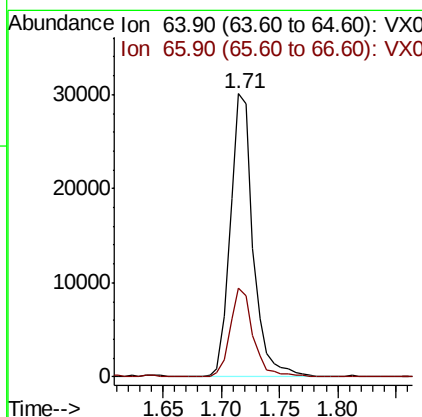
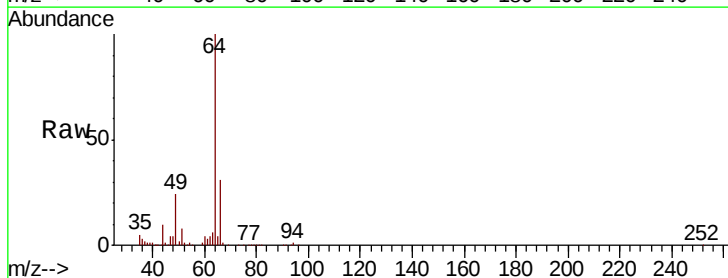
Acq: 05 Oct 2018 21:31

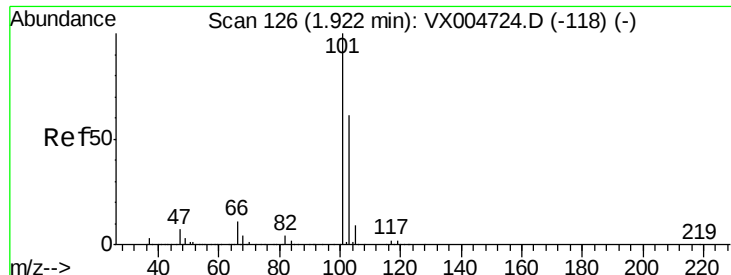
Tgt Ion: 64 Resp: 41210

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.6





#7

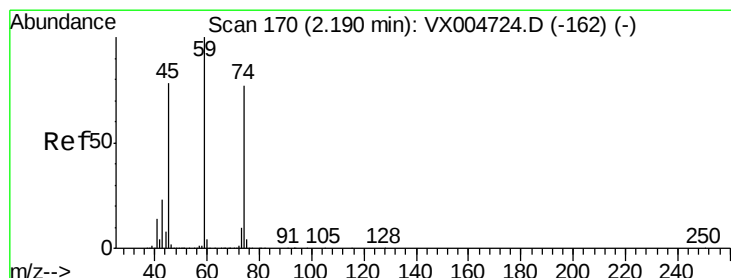
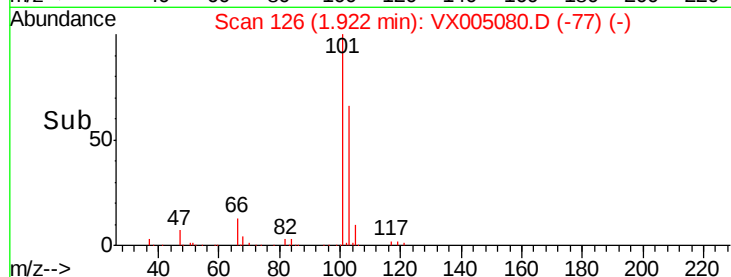
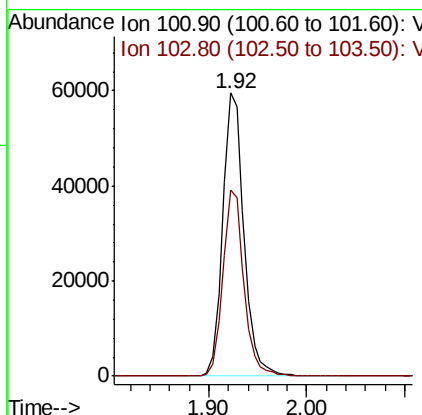
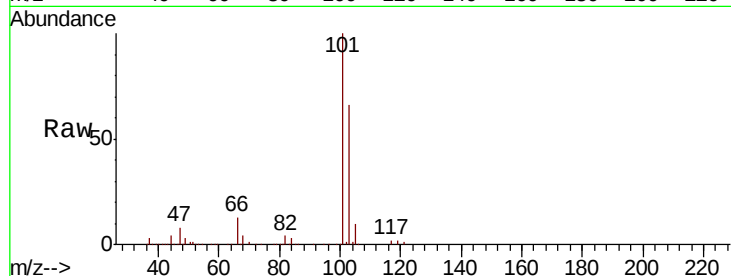
Trichlorofluoromethane  
Concen: 19.797 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.6  | 48.4  | 72.6  |

Manual Integrations  
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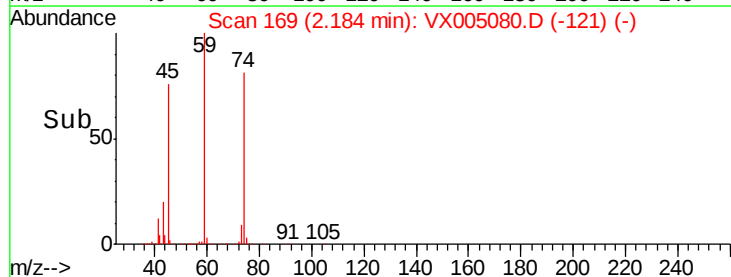
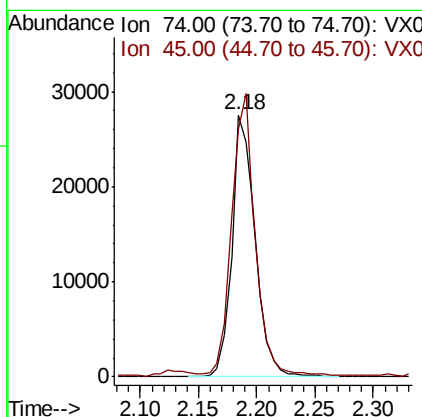
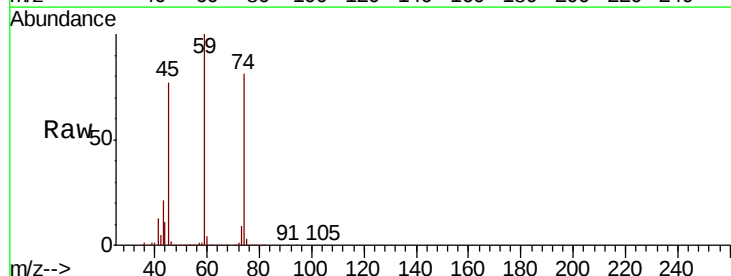
MMDadoda  
10/8/2018 2:02:41 PM



#8

Diethyl Ether  
Concen: 19.543 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. -0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 108.3 | 52.5  | 157.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.698 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

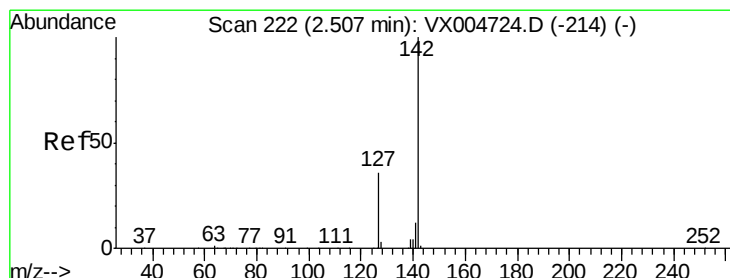
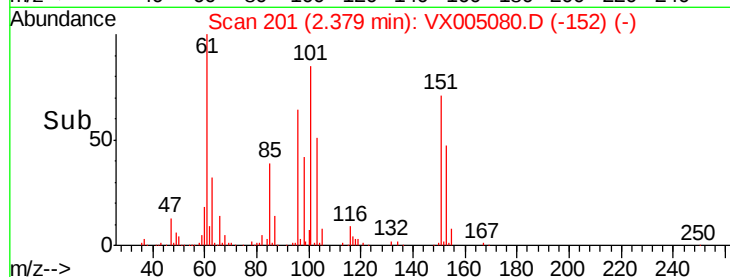
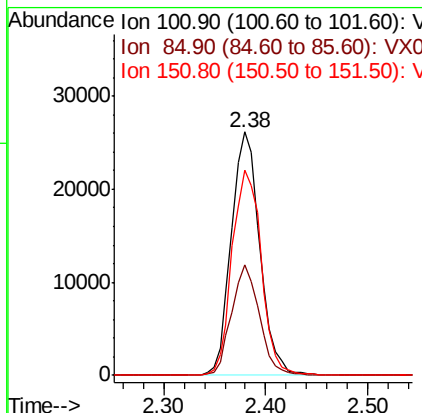
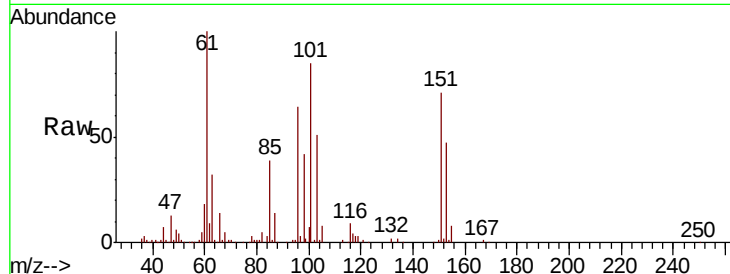
ClientSampled :

VX1005WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 50593 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.4  | 35.9  | 53.9  |
| 151       | 85.9  | 66.6  | 100.0 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 14.427 ug/l

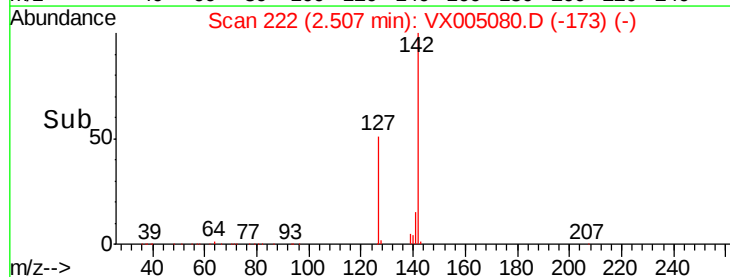
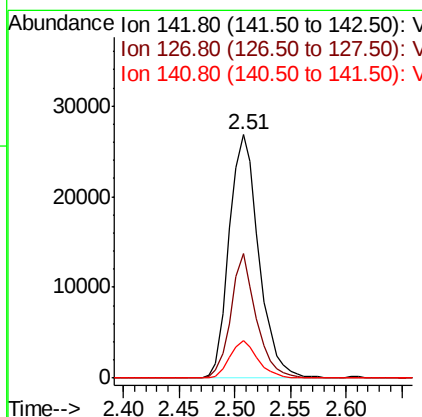
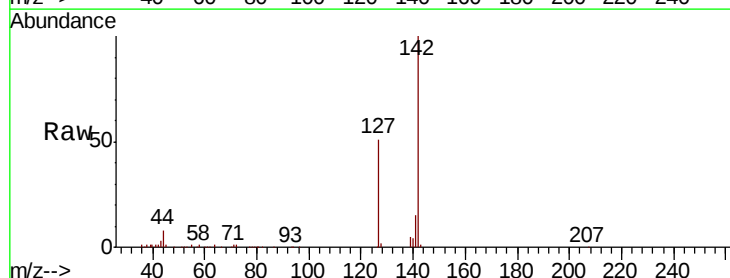
RT: 2.51 min Scan# 222

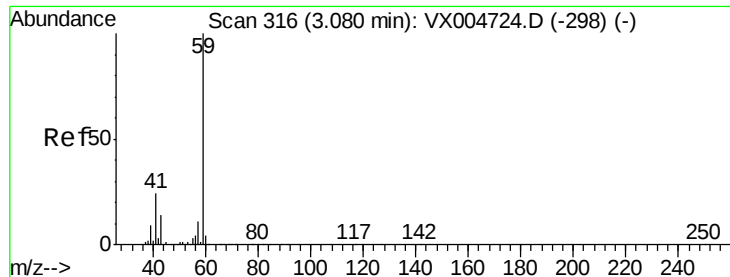
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 49588 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.9  | 30.1  | 45.1  |
| 141       | 14.5  | 10.1  | 15.1  |





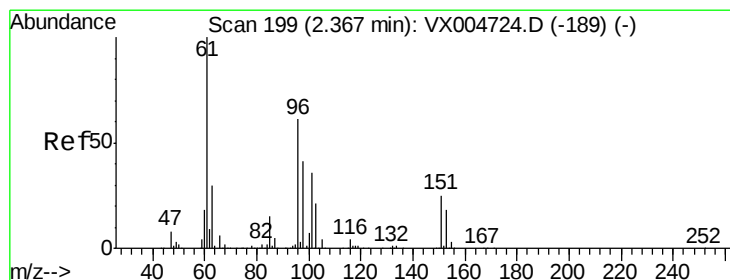
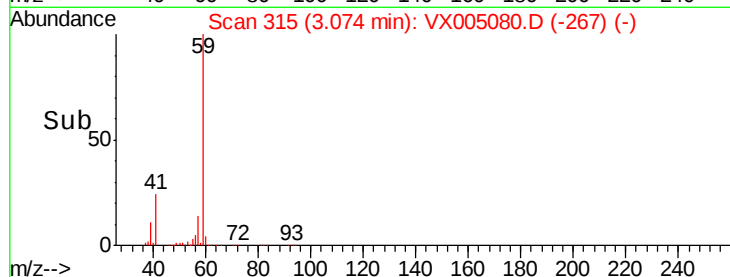
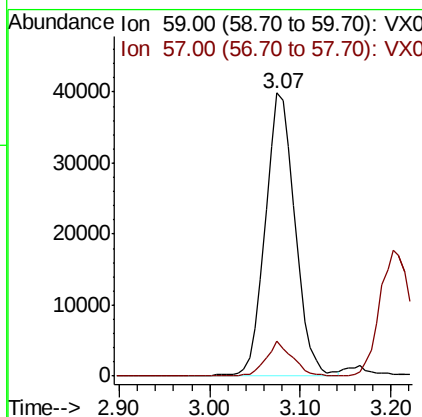
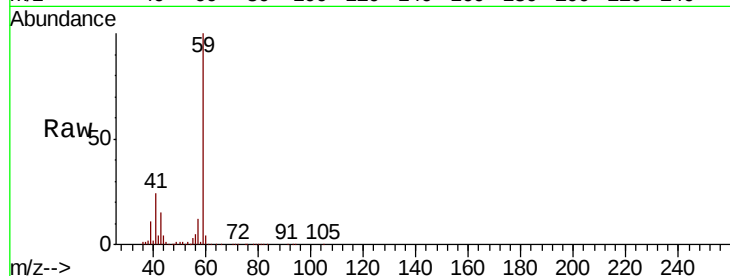
#11  
Tert butyl alcohol  
Concen: 96.735 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.9  | 8.6   | 12.8  |

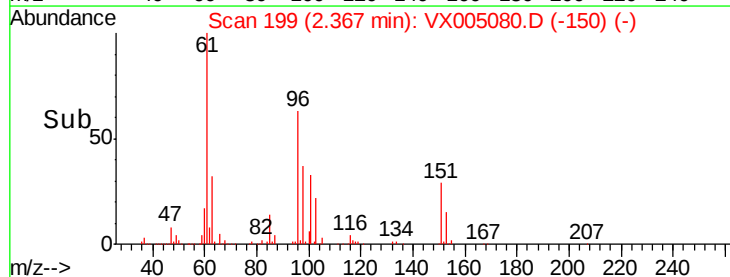
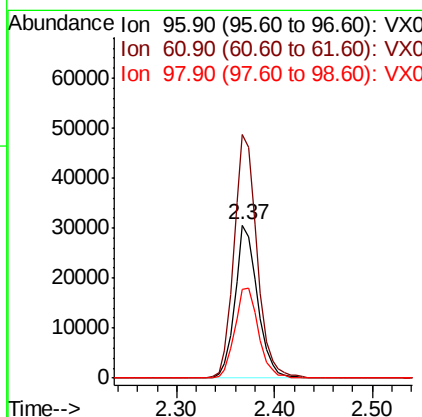
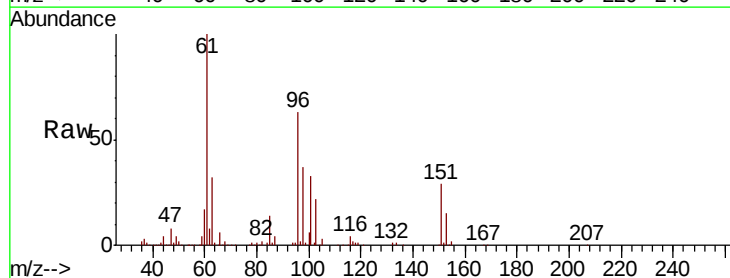
Manual Integrations  
APPROVED

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10/8/2018 2:02:41 PM



#12  
1,1-Dichloroethene  
Concen: 19.237 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.0 | 130.2 | 195.4 |
| 98      | 58.2  | 53.4  | 80.0  |





#13

Acrolein

Concen: 25.090 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 56 Resp: 16739

Ion Ratio Lower Upper

56 100

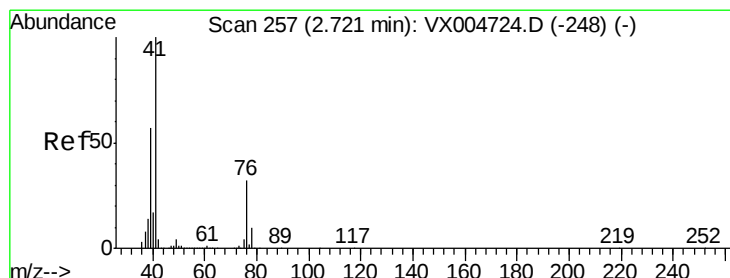
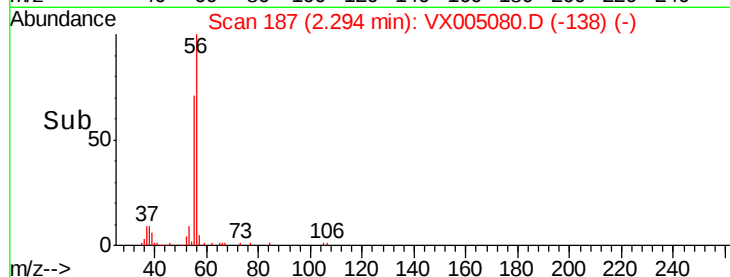
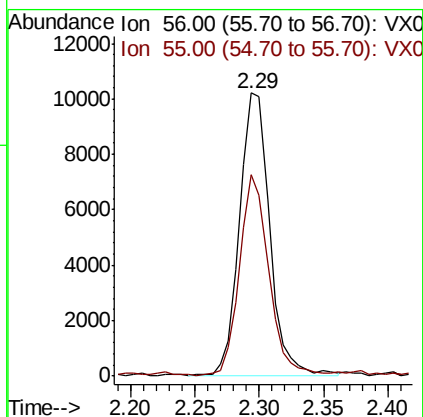
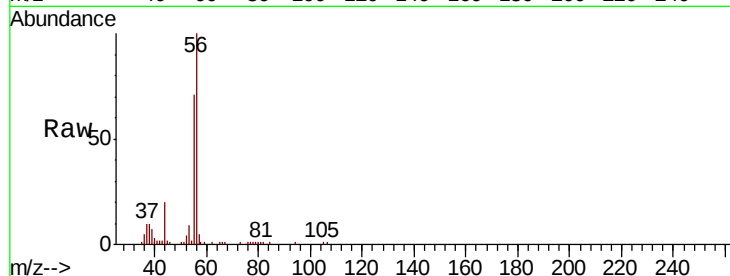
55 68.7 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.302 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

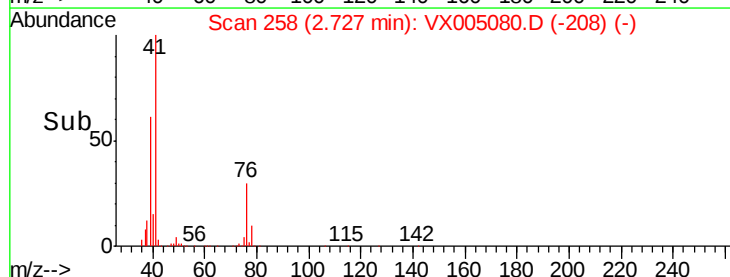
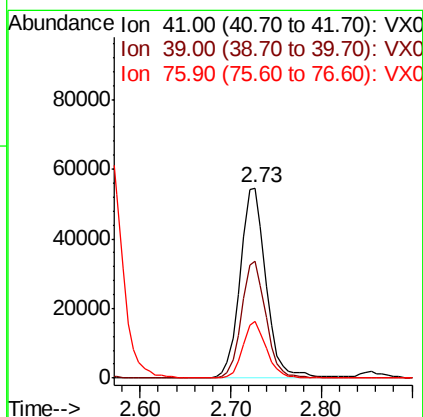
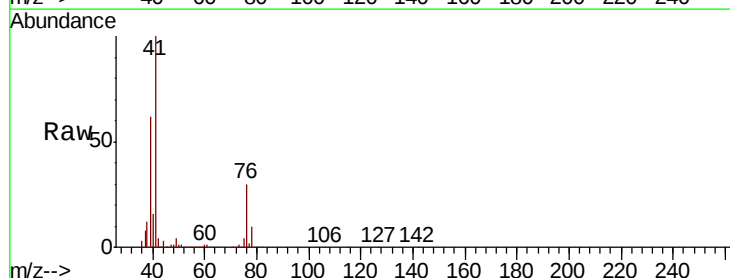
Tgt Ion: 41 Resp: 107129

Ion Ratio Lower Upper

41 100

39 57.6 44.1 66.1

76 27.5 25.0 37.4





#15

Acrylonitrile

Concen: 102.215 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

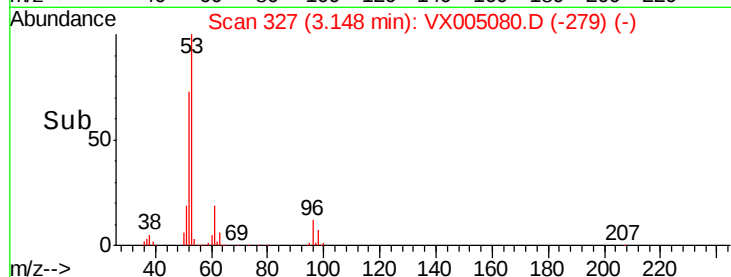
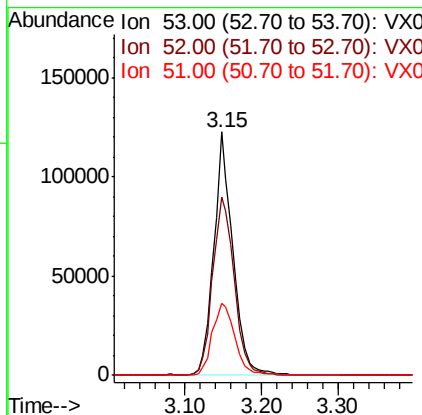
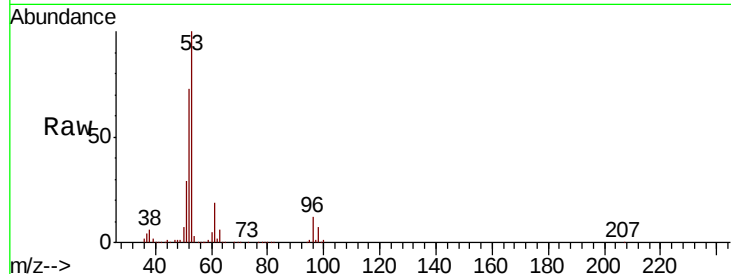
ClientSampleId :

VX1005WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 210989 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.8  | 63.0  | 94.4   |
| 51       | 35.0  | 28.6  | 42.8   |

Manual Integrations  
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#16

Acetone

Concen: 91.409 ug/l

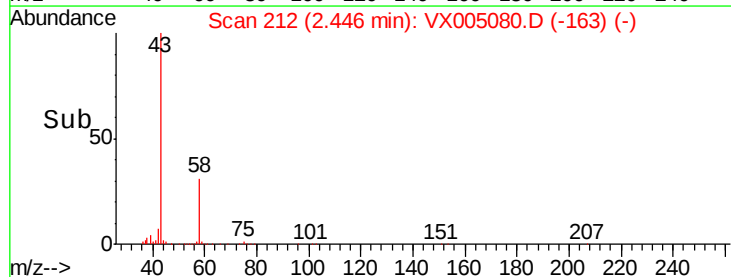
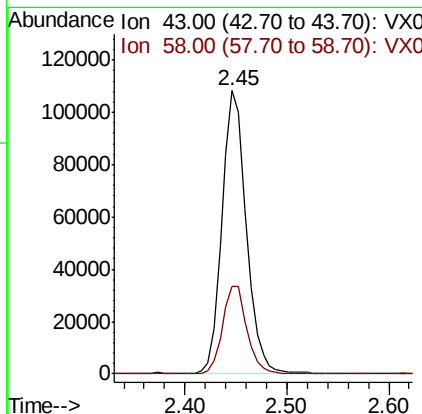
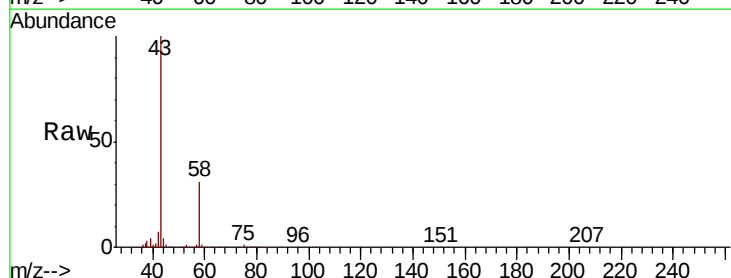
RT: 2.45 min Scan# 212

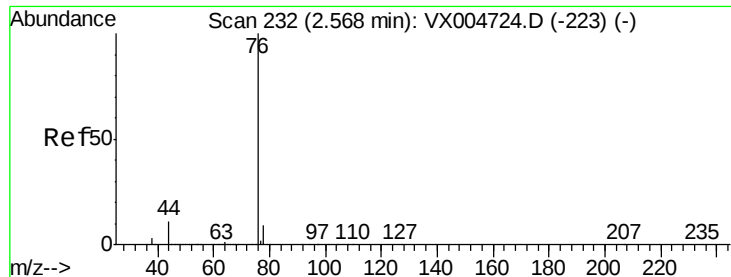
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 178964 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.9  | 21.8  | 32.6   |





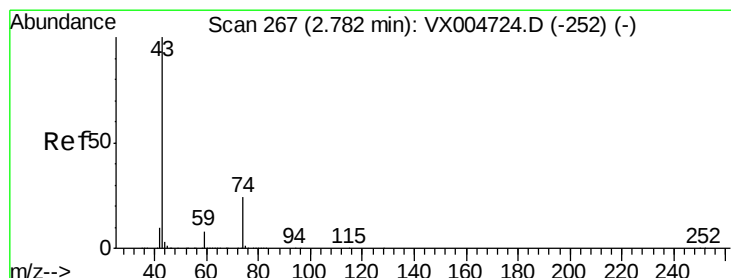
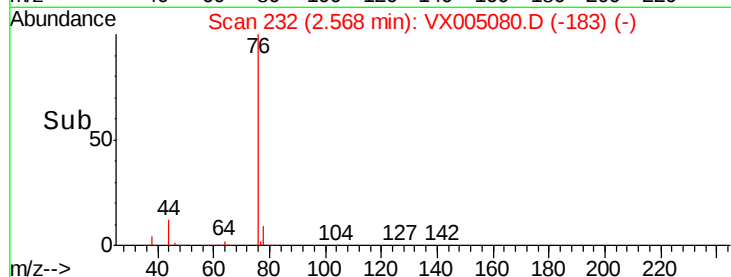
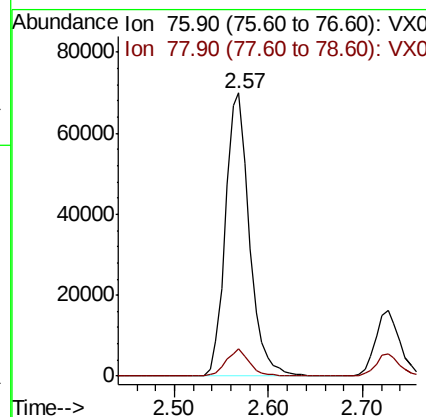
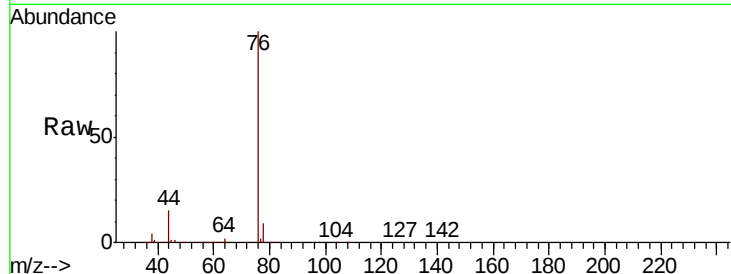
#17  
Carbon Disulfide  
Concen: 16.130 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.0   | 10.6  |

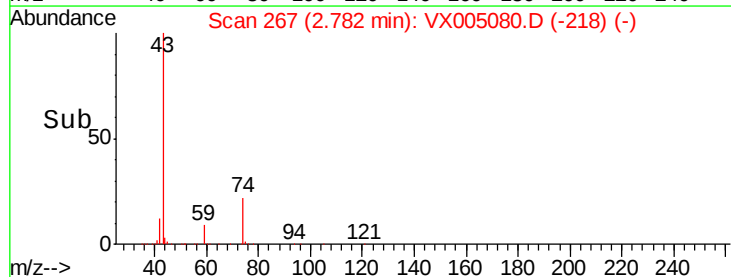
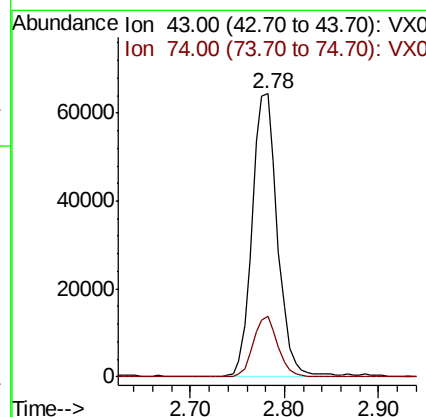
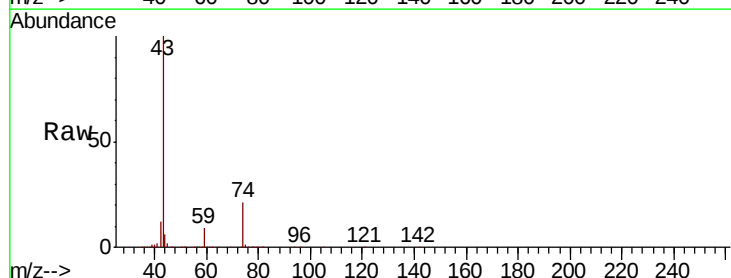
Manual Integrations  
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10/8/2018 2:02:41 PM



#18  
Methyl Acetate  
Concen: 24.485 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.0  | 17.8  | 26.8  |





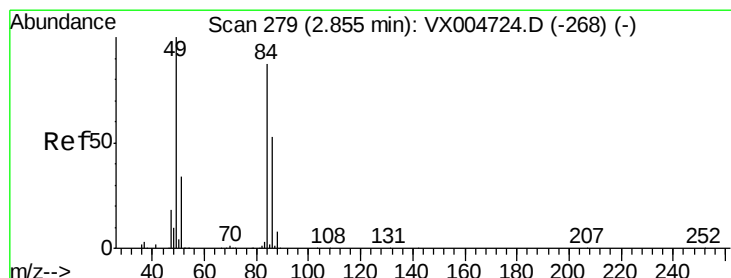
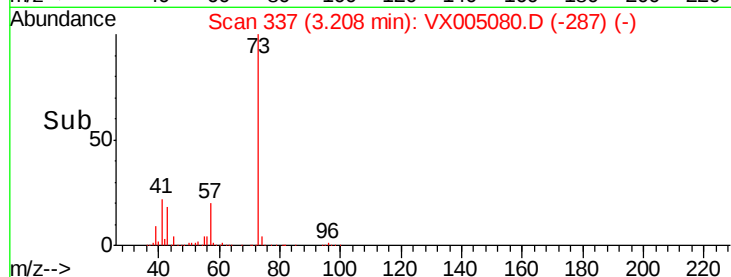
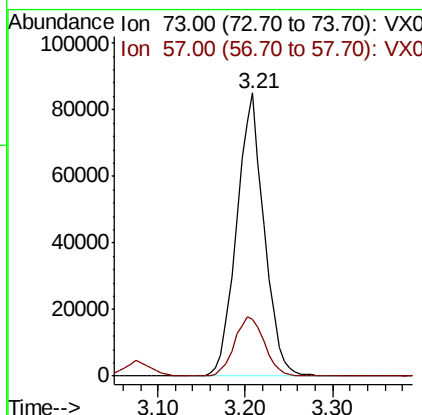
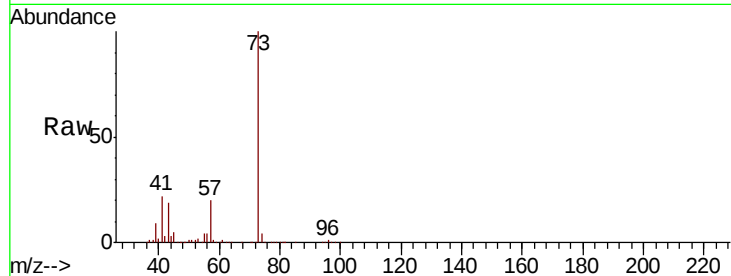
#19  
Methvl tert-butvl Ether  
Concen: 21.123 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

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

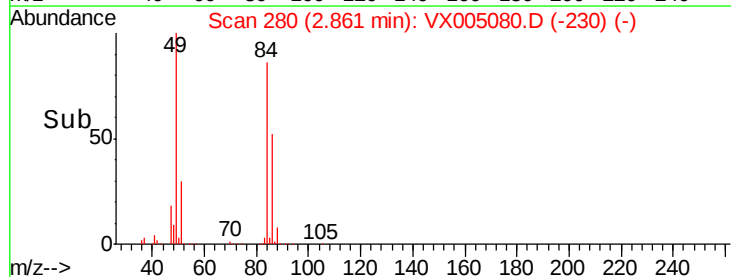
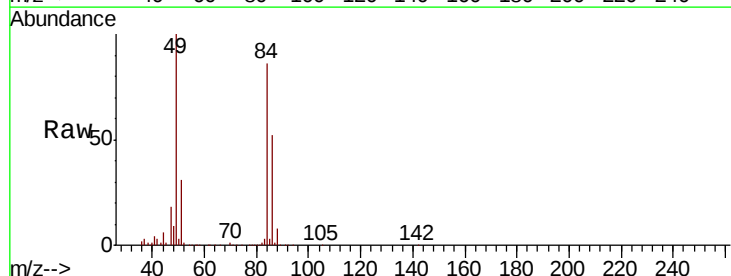
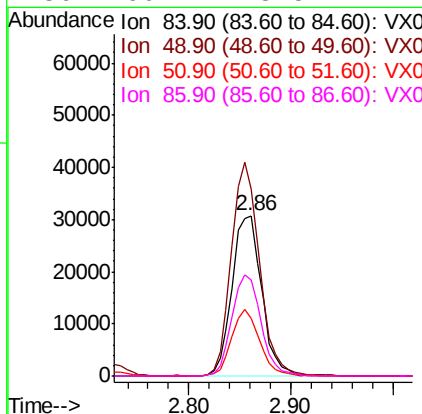
Manual Integrations  
APPROVED

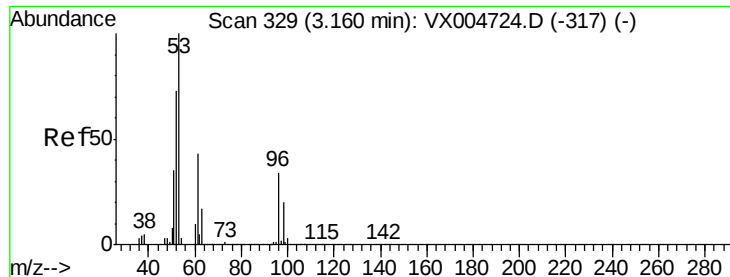
MMDadoda  
10/8/2018 2:02:41 PM



#20  
Methylene Chloride  
Concen: 21.243 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 116.5 | 92.3  | 138.5 |
| 51      | 35.4  | 31.8  | 47.6  |
| 86      | 60.2  | 48.5  | 72.7  |





#21

trans-1,2-Dichloroethene

Concen: 18.530 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

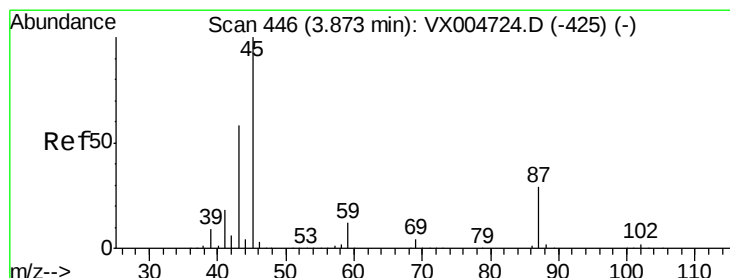
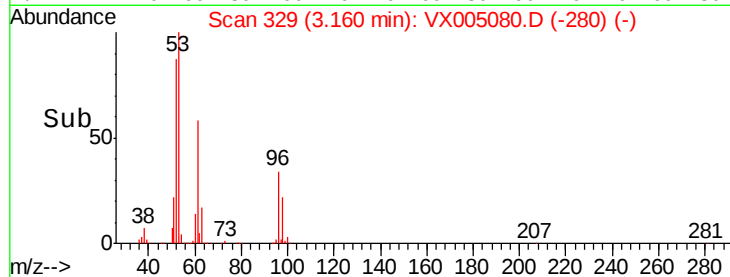
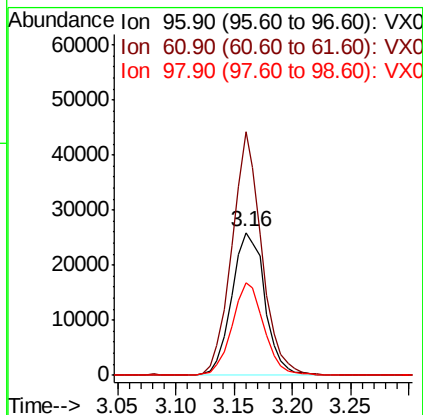
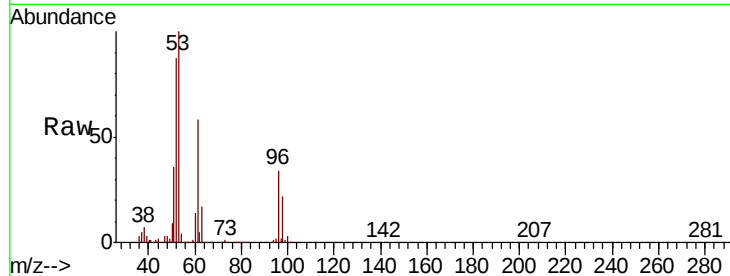
ClientSampleId :

VX1005WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 51596  |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 170.1 | 101.0 | 151.6# |
| 98       | 65.0  | 47.2  | 70.8   |

Manual Integrations  
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MMDadoda  
10/8/2018 2:02:41 PM



#22

Diisopropyl ether

Concen: 20.780 ug/l

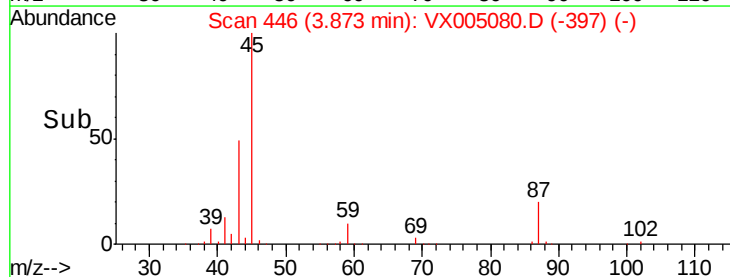
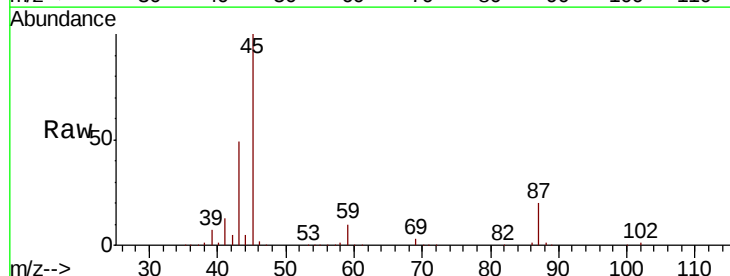
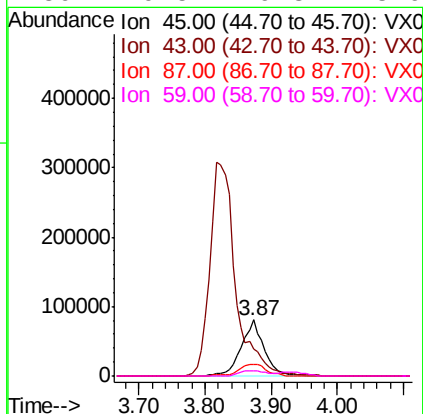
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 194203 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 48.7  | 46.7  | 70.1   |
| 87       | 20.2  | 22.9  | 34.3#  |
| 59       | 9.5   | 9.3   | 13.9   |





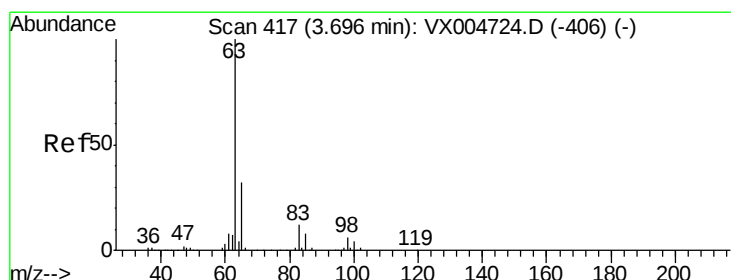
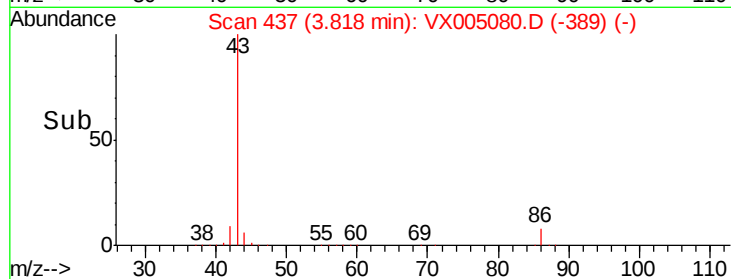
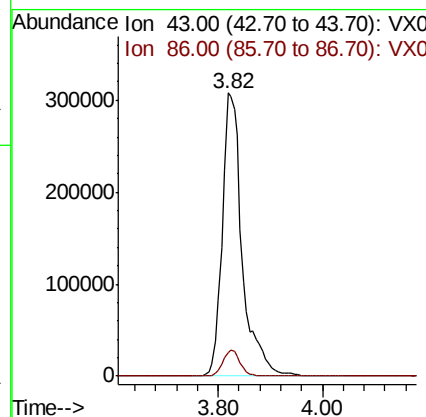
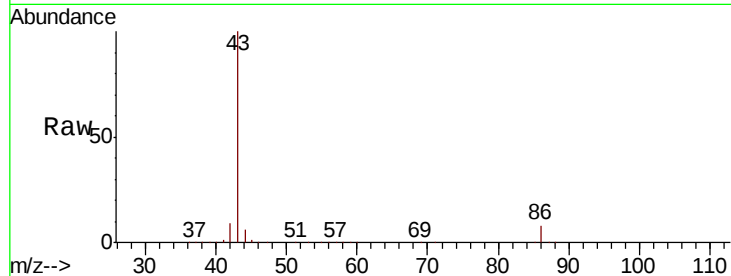
#23  
 Vinyl Acetate  
 Concen: 97.204 ug/l  
 RT: 3.82 min Scan# 437  
 Delta R.T. -0.01 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1005WBSD01

| Tot Ion | 43  | 86 | Resp | Lower | Upper |
|---------|-----|----|------|-------|-------|
| 43      | 100 |    |      |       |       |
| 86      | 8.2 |    | 8.1  | 12.1  |       |

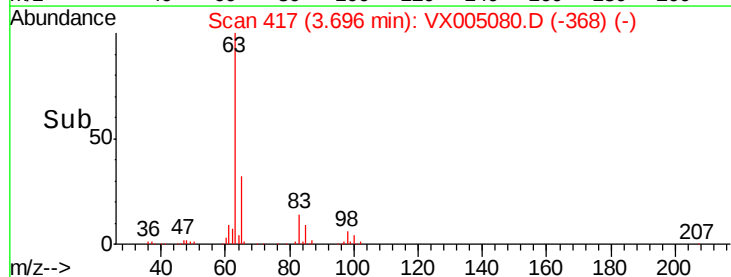
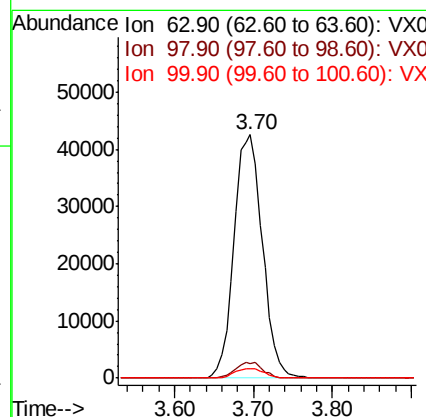
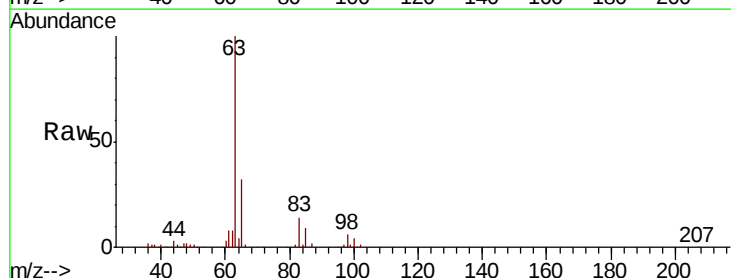
Manual Integrations  
 APPROVED

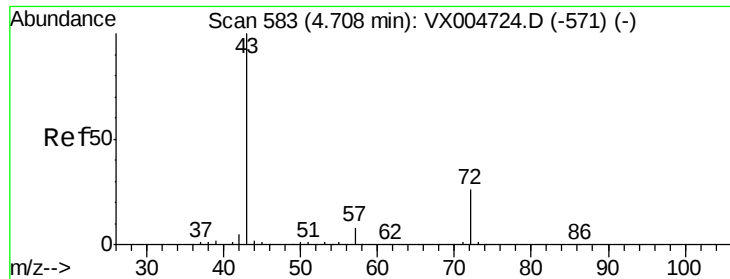
MMDadoda  
 10/8/2018 2:02:41 PM



#24  
 1,1-Dichloroethane  
 Concen: 19.087 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion | 63  | 98 | 100 | Resp | Lower | Upper |
|---------|-----|----|-----|------|-------|-------|
| 63      | 100 |    |     |      |       |       |
| 98      | 5.8 |    |     | 3.0  | 9.2   |       |
| 100     | 3.6 |    |     | 2.0  | 5.8   |       |





#25

2-Butanone

Concen: 96.296 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 43 Resp: 277901

Ion Ratio Lower Upper

43 100

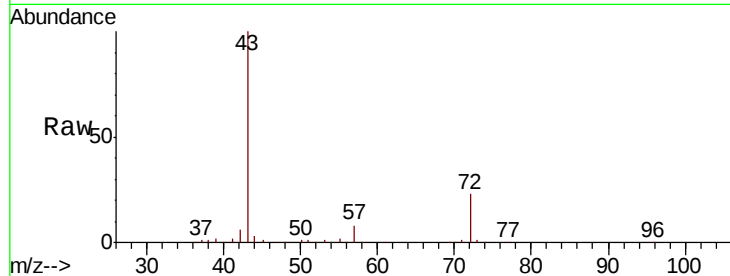
72 22.8 20.8 31.2

Manual Integrations

APPROVED

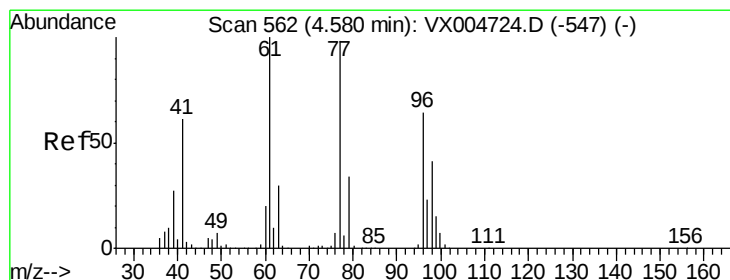
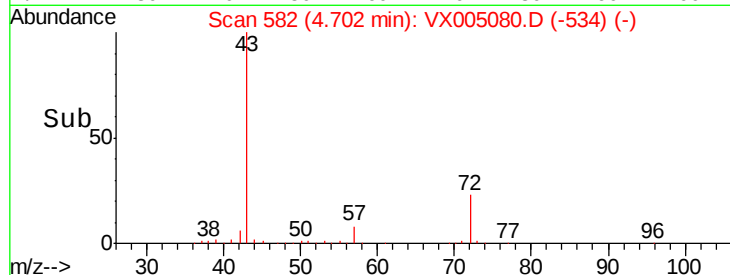
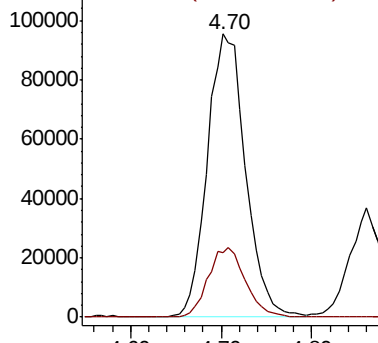
MMDadoda

10/8/2018 2:02:41 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.458 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005080.D

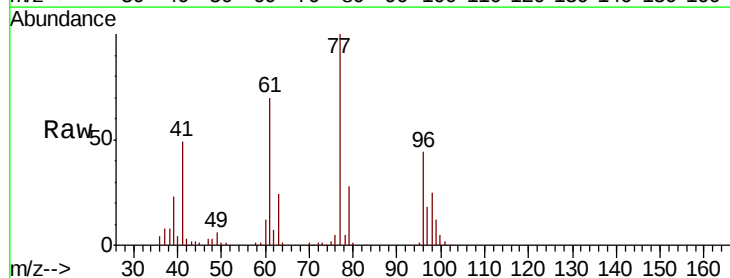
Acq: 05 Oct 2018 21:31

Tgt Ion: 77 Resp: 67774

Ion Ratio Lower Upper

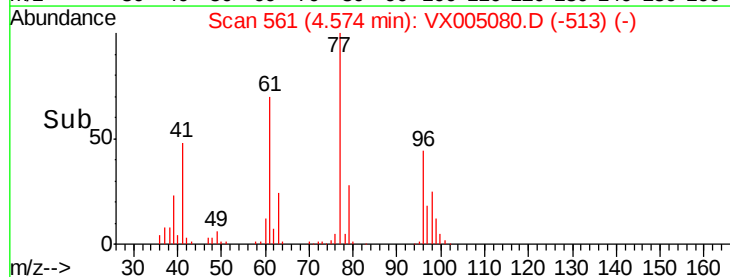
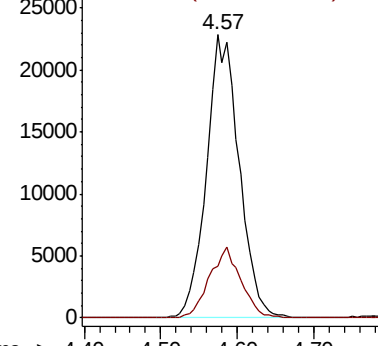
77 100

97 24.0 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

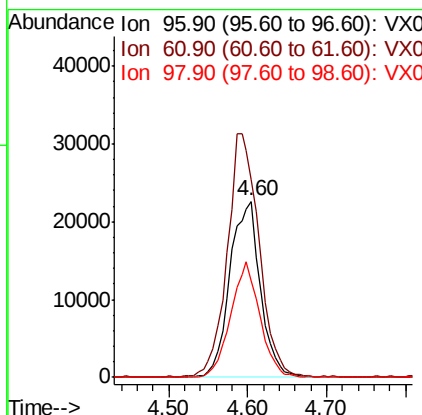
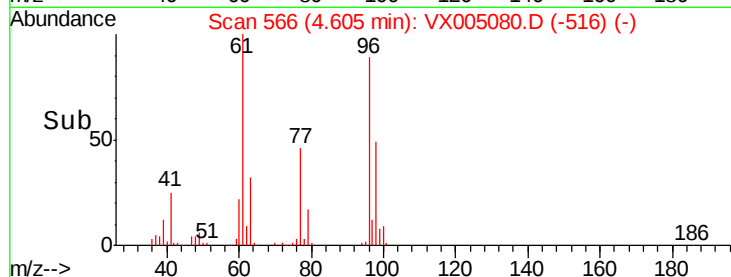
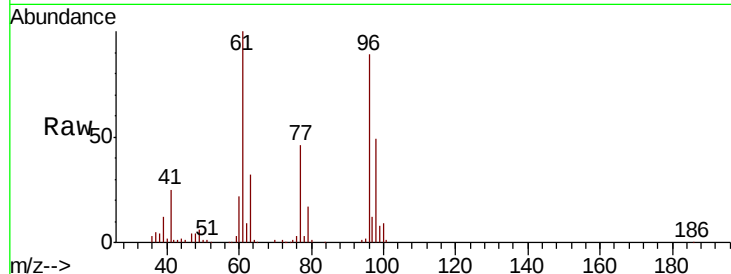
cis-1,2-Dichloroethene  
Concen: 19.484 ug/l  
RT: 4.60 min Scan# 566  
Delta R.T. 0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.7 | 0.0   | 285.8 |
| 98      | 63.0  | 0.0   | 136.2 |

Manual Integrations  
APPROVED

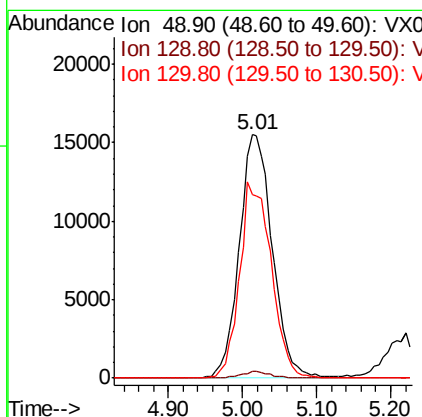
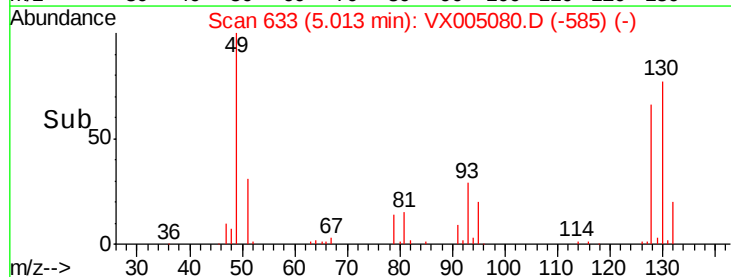
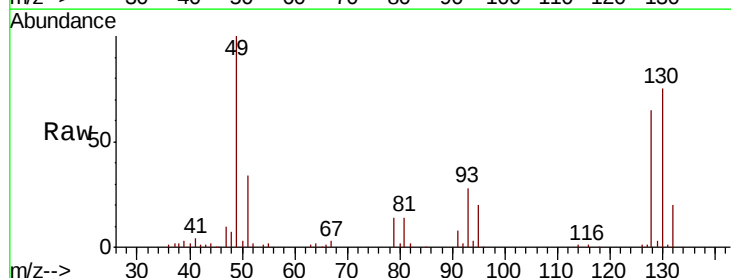
MMDadoda  
10/8/2018 2:02:41 PM

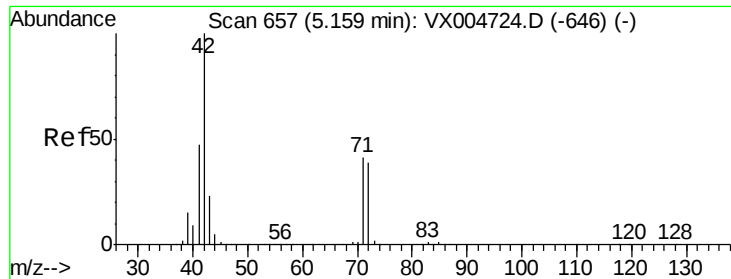


#28

Bromochloromethane  
Concen: 18.420 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.2   |
| 130     | 77.0  | 62.0  | 93.0  |





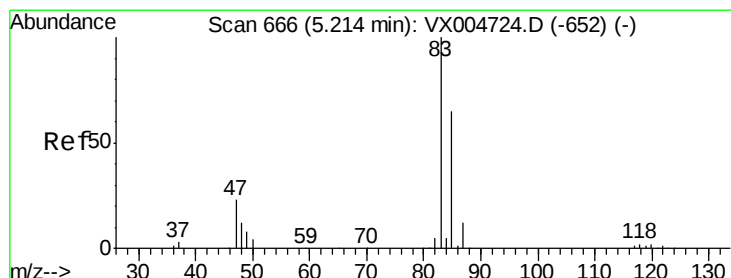
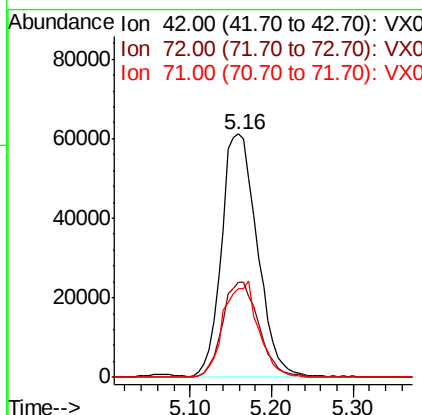
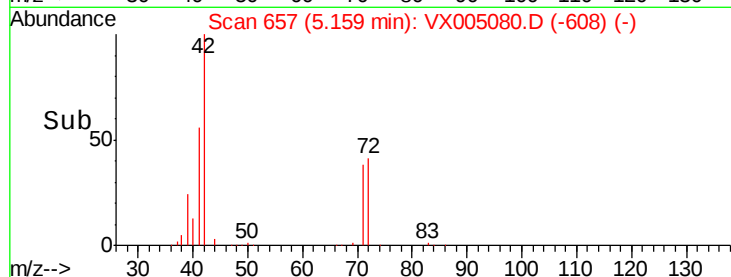
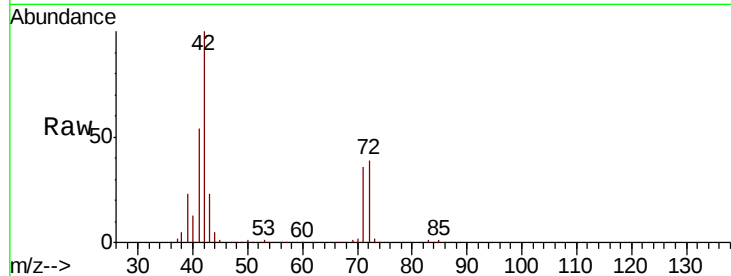
#29  
Tetrahydrofuran  
Concen: 103.007 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.2  | 33.7  | 50.5  |
| 71      | 38.7  | 32.2  | 48.4  |

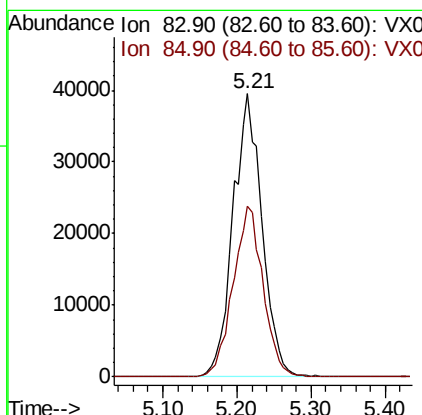
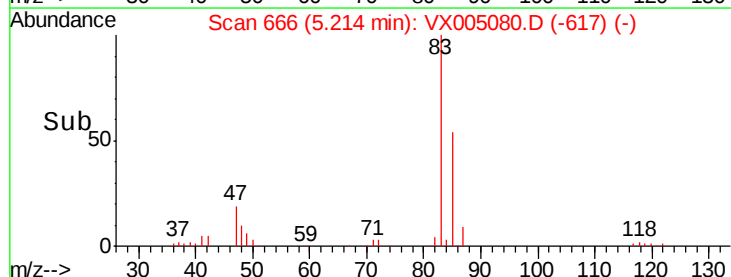
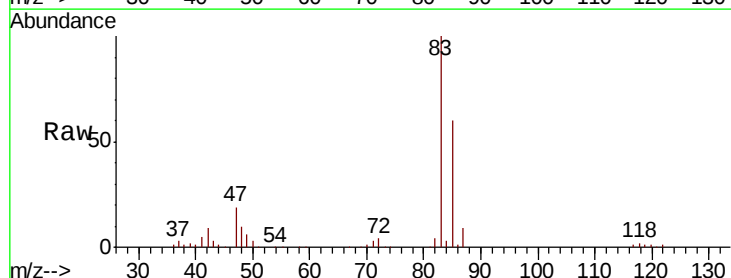
Manual Integrations  
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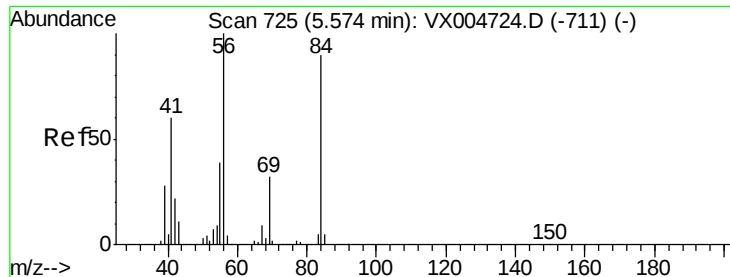
MMDadoda  
10/8/2018 2:02:41 PM



#30  
Chloroform  
Concen: 20.441 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.3  | 52.4  | 78.6  |





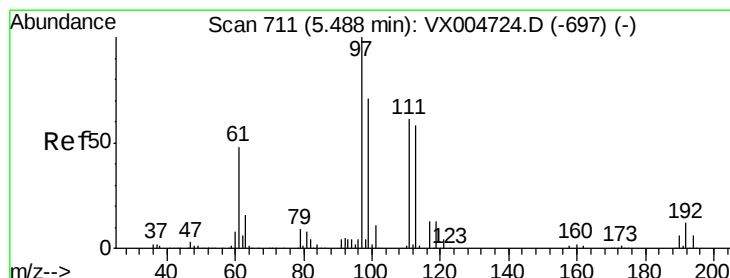
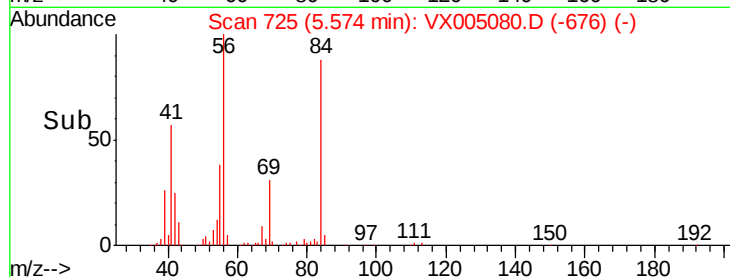
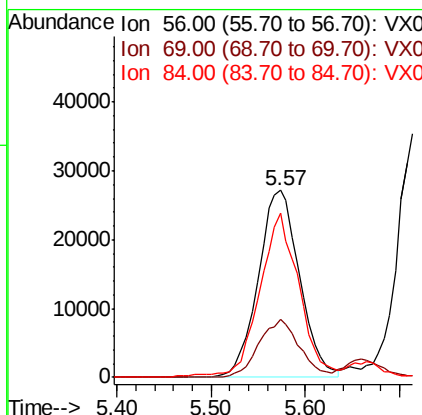
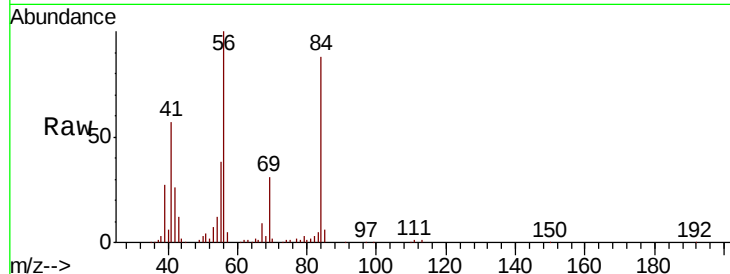
#31  
Cyclohexane  
Concen: 19.541 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.2  | 25.9  | 38.9  |
| 84      | 86.9  | 71.9  | 107.9 |

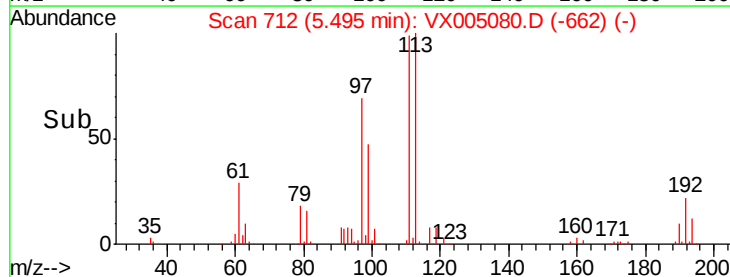
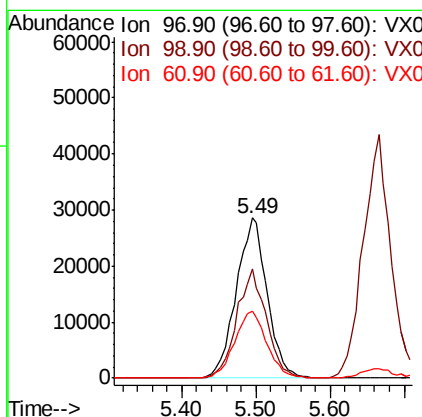
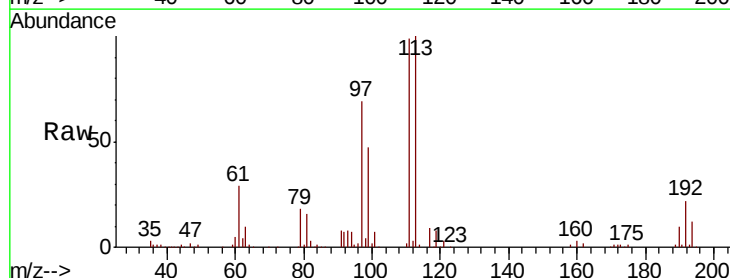
Manual Integrations  
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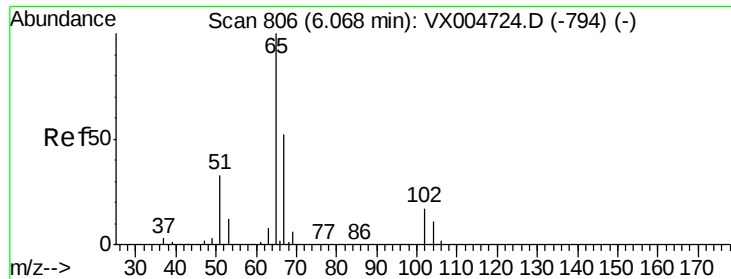
MMDadoda  
10/8/2018 2:02:41 PM



#32  
1,1,1-Trichloroethane  
Concen: 19.265 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.2  | 54.6  | 82.0  |
| 61      | 43.5  | 37.5  | 56.3  |





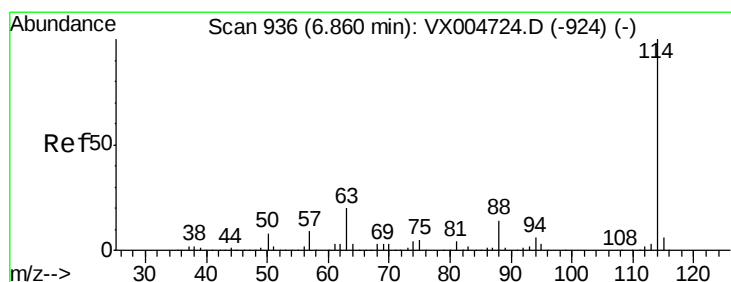
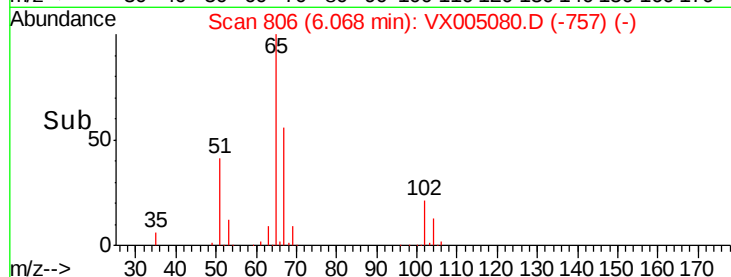
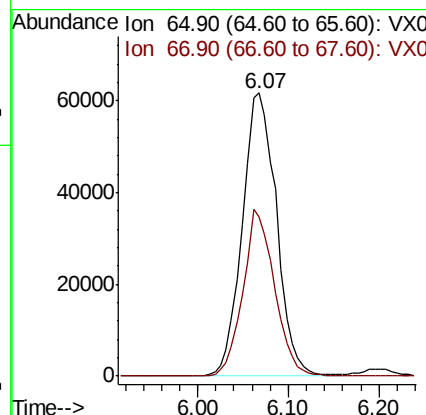
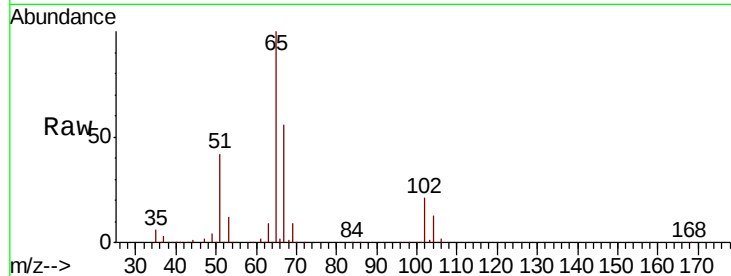
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.083 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.6  | 0.0   | 107.4 |

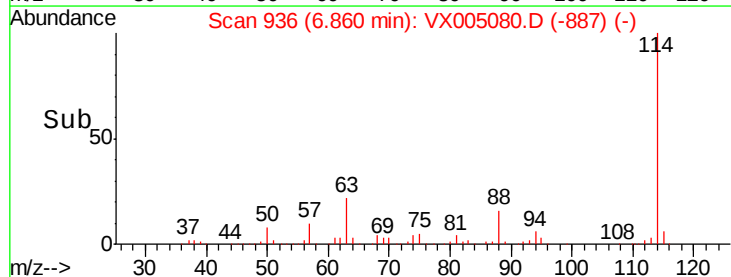
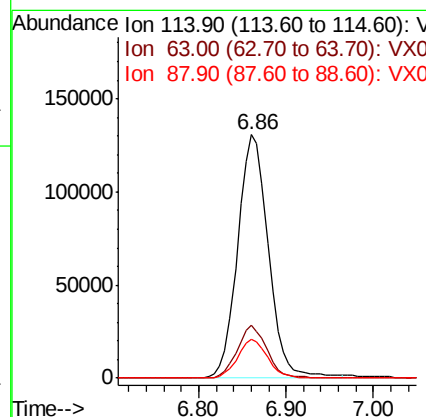
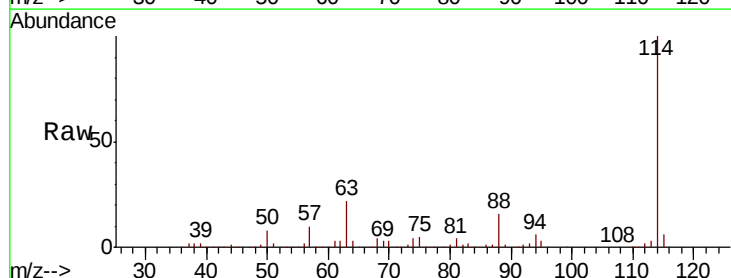
Manual Integrations  
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 10/8/2018 2:02:41 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.5  | 0.0   | 39.8  |
| 88      | 15.8  | 0.0   | 27.0  |





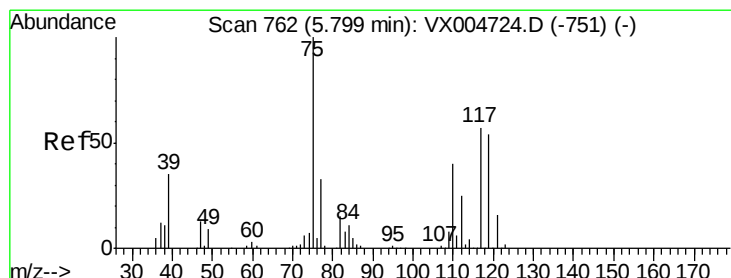
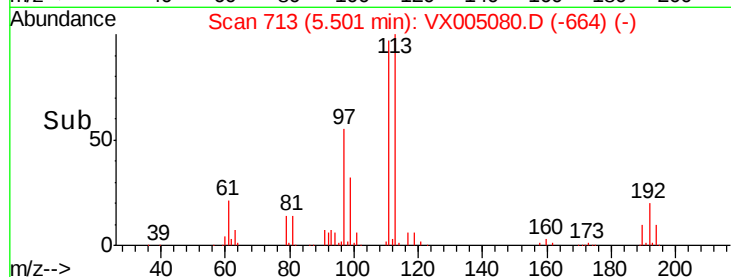
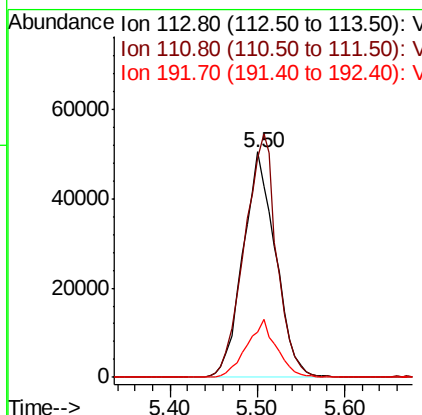
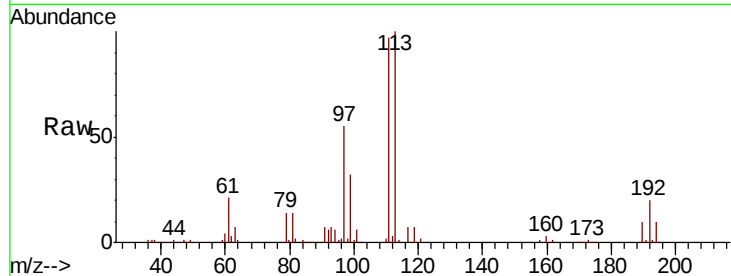
#35  
 Dibromofluoromethane  
 Concen: 48.308 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 107.1 | 77.0  | 115.4 |
| 192     | 23.5  | 17.0  | 25.6  |

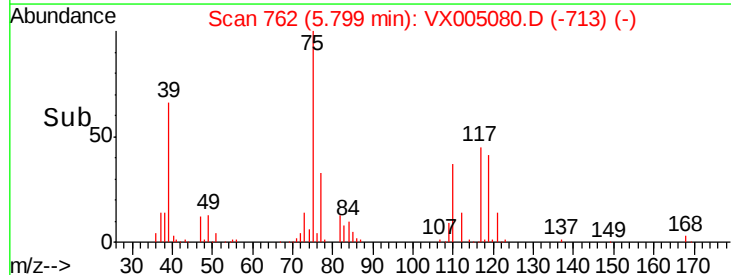
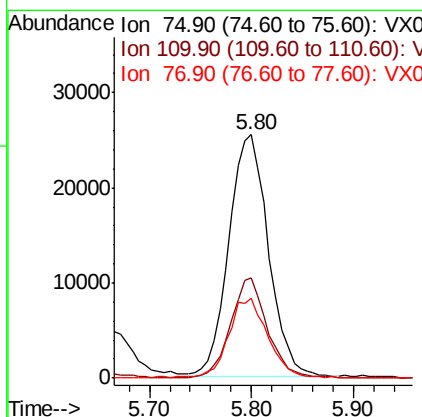
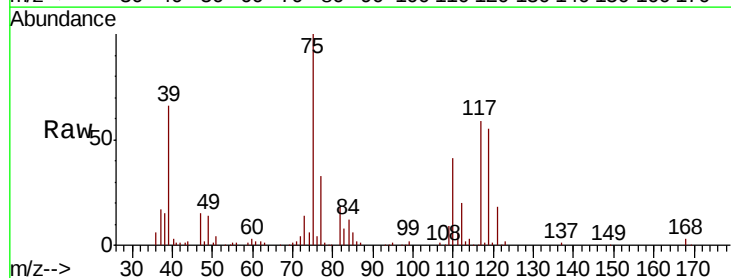
Manual Integrations  
 APPROVED

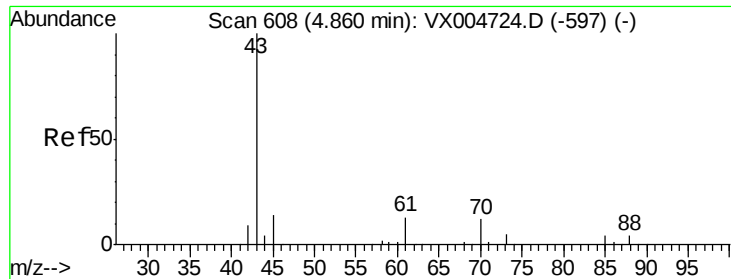
MMDadoda  
 10/8/2018 2:02:41 PM



#36  
 1,1-Dichloropropene  
 Concen: 18.527 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.6  | 20.0  | 59.9  |
| 77      | 31.5  | 27.1  | 40.7  |





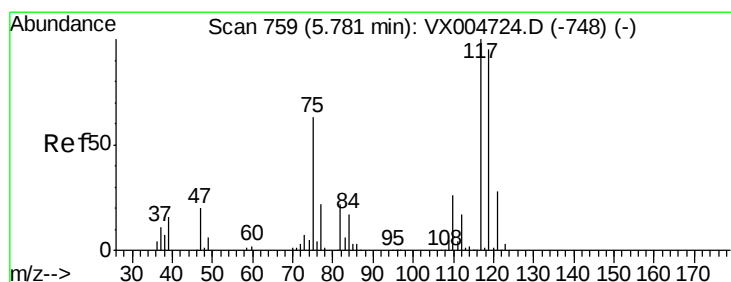
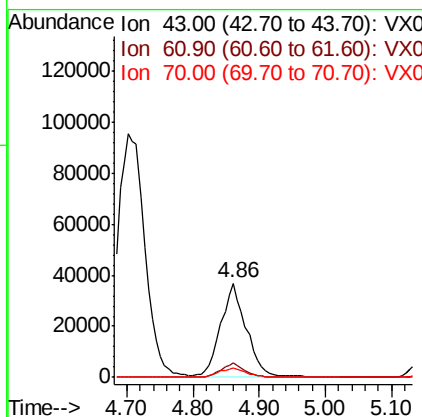
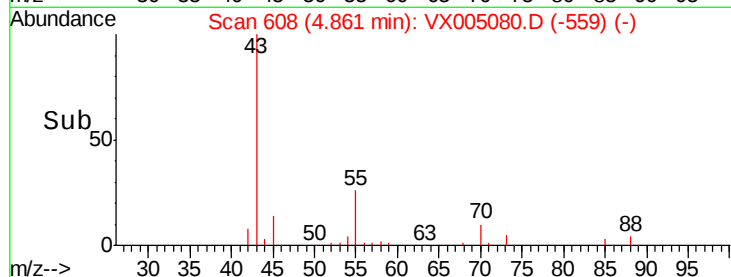
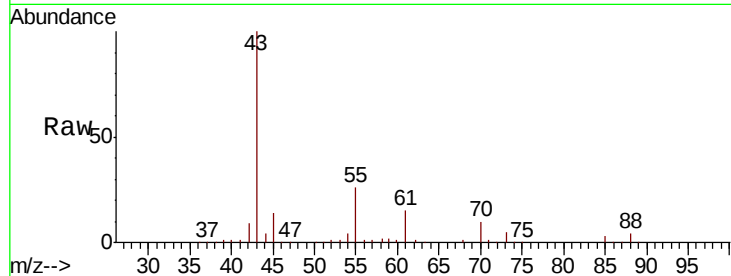
#37  
Ethyl Acetate  
Concen: 20.166 ug/l  
RT: 4.86 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.2  | 10.4  | 15.6  |
| 70      | 10.2  | 8.7   | 13.1  |

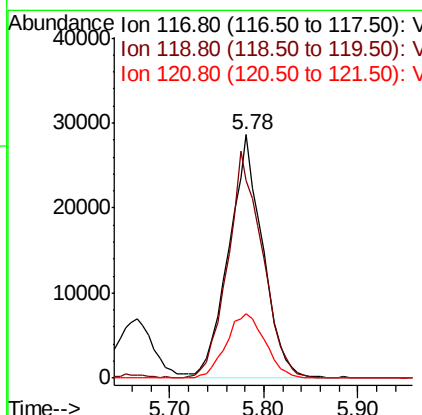
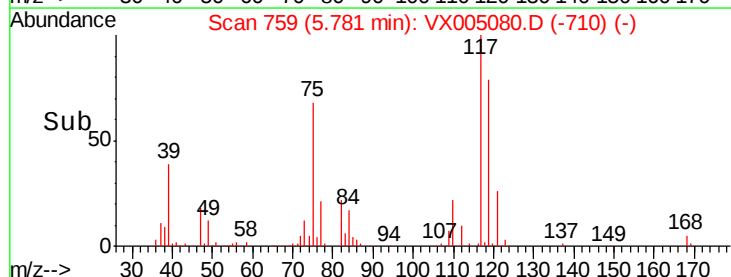
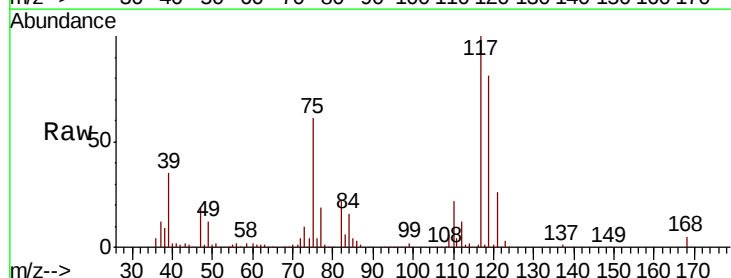
Manual Integrations  
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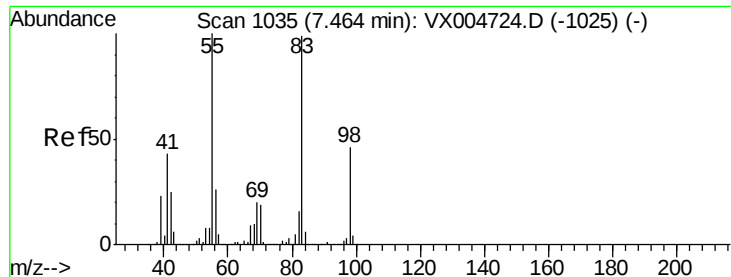
MMDadoda  
10/8/2018 2:02:41 PM



#38  
Carbon Tetrachloride  
Concen: 18.339 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 81.0  | 75.2  | 112.8 |
| 121     | 26.4  | 22.5  | 33.7  |





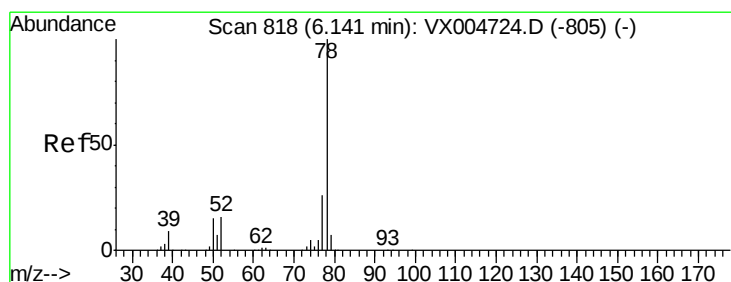
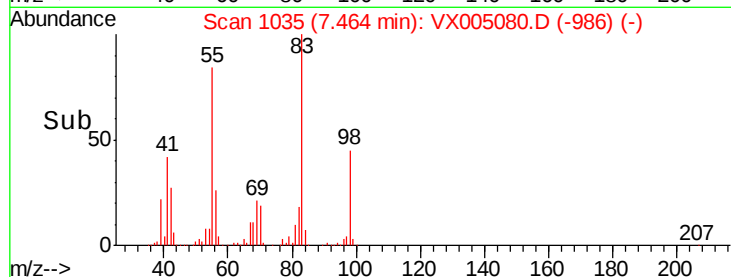
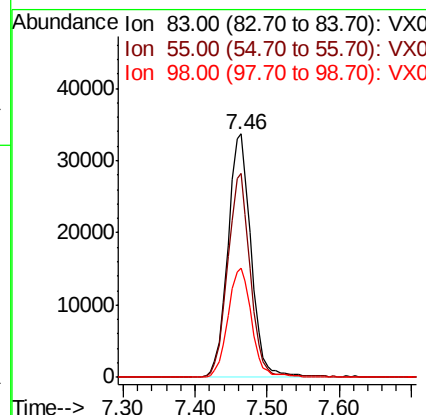
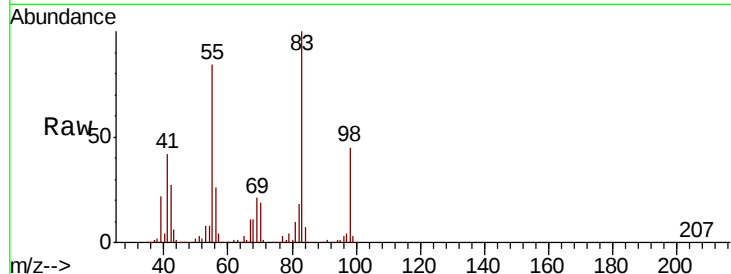
#39  
Methvlcvclohexane  
Concen: 20.098 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 83.8  | 81.1  | 121.7 |
| 98      | 45.1  | 37.3  | 55.9  |

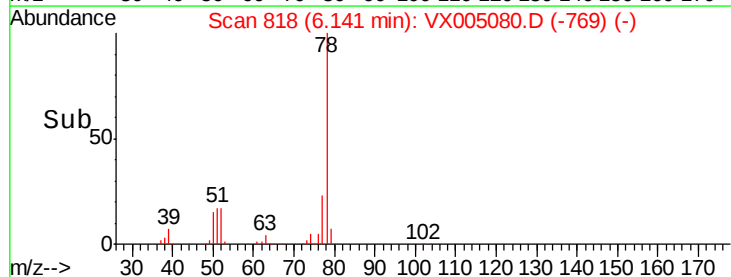
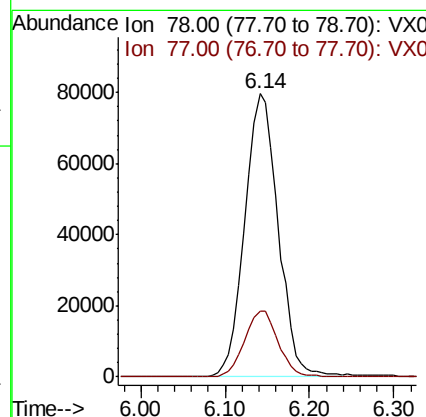
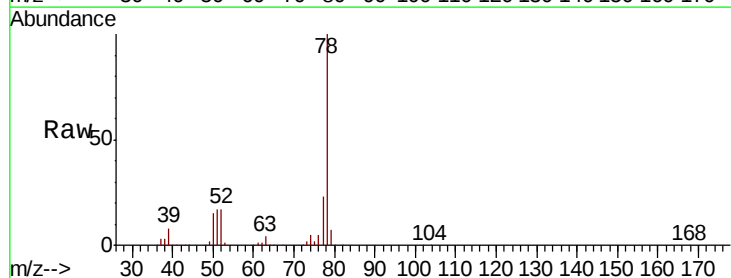
Manual Integrations  
APPROVED

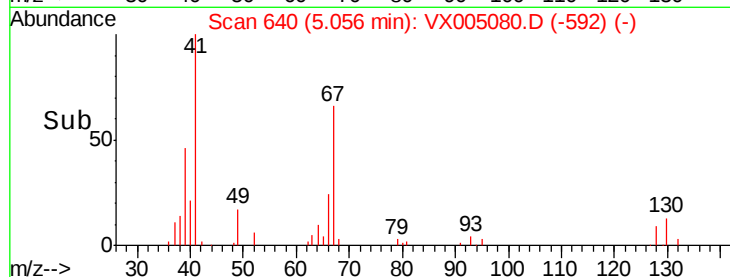
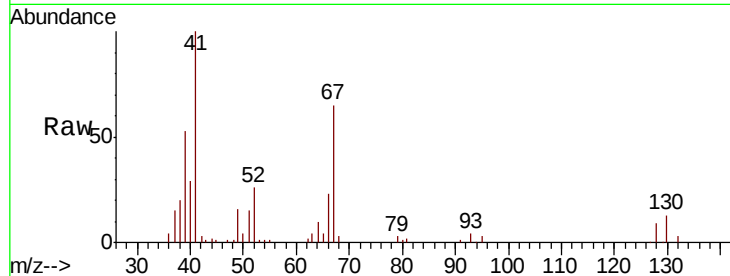
MMDadoda  
10/8/2018 2:02:41 PM



#40  
Benzene  
Concen: 18.457 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 21.0  | 31.4  |





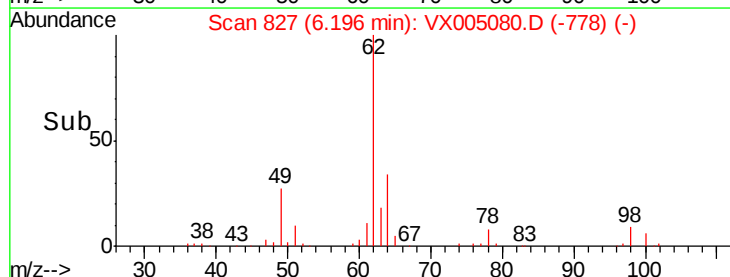
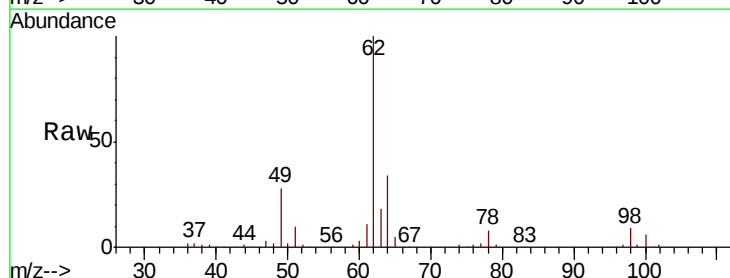
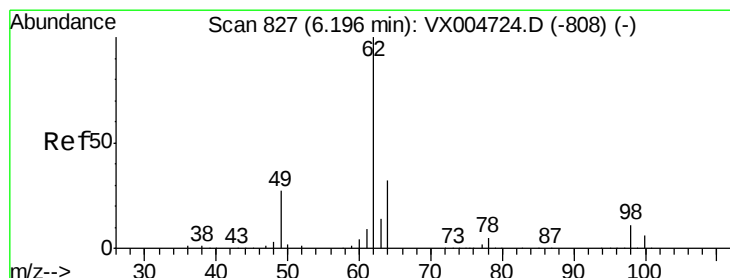
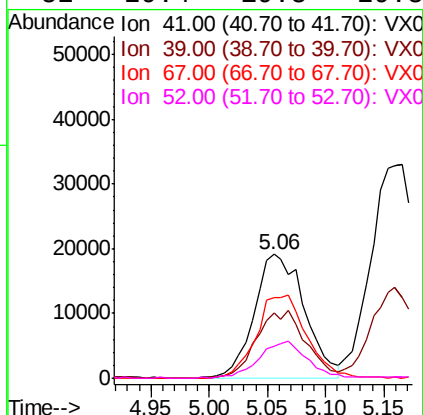
#41  
Methacrylonitrile  
Concen: 20.931 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.0 | 42.5  | 63.7  |       |
| 67      | 66.6 | 53.0  | 79.6  |       |
| 52      | 29.4 | 19.8  | 29.8  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

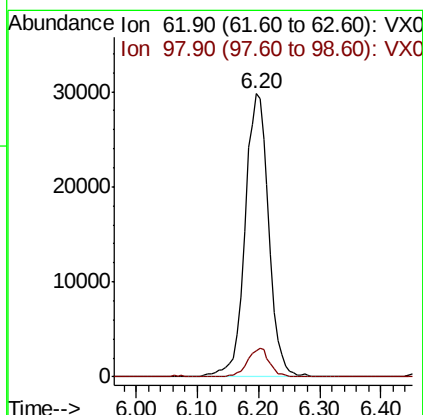
Manual Integrations  
APPROVED

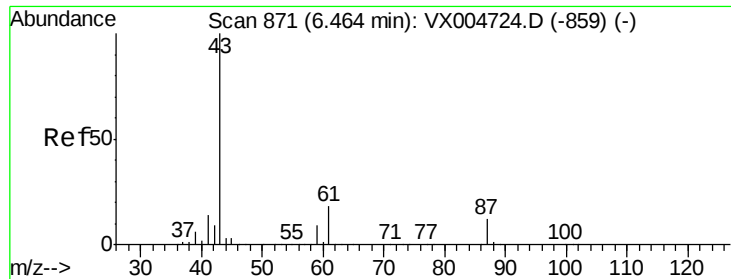
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 19.629 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

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





#43

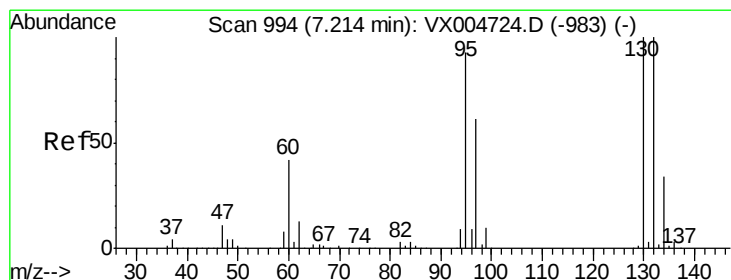
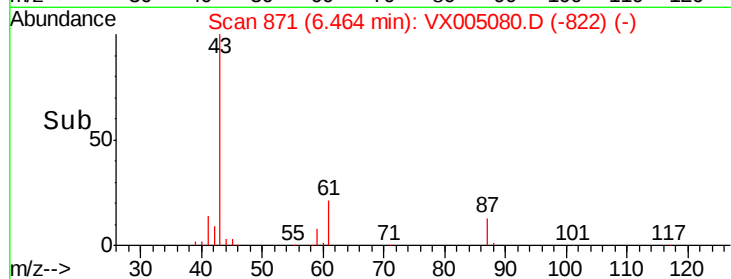
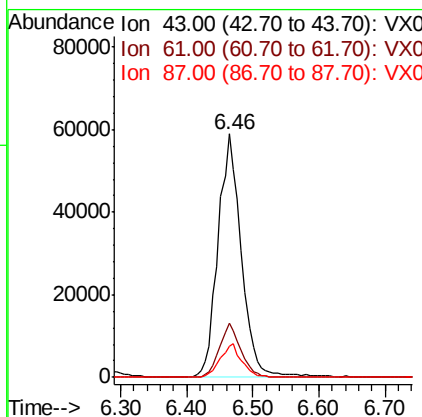
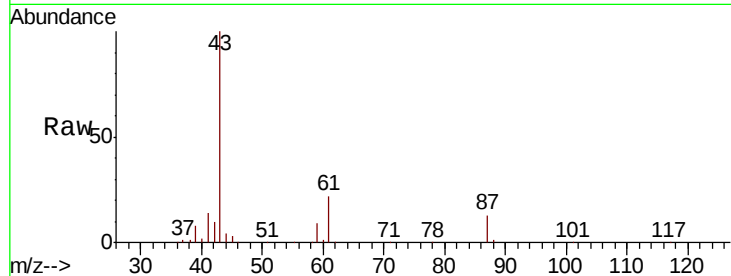
Isopropyl Acetate  
 Concen: 20.169 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

| Tot Ion   | 43   | Resp  | 142985 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 20.9 | 14.2  | 21.4   |
| 87        | 12.9 | 9.3   | 13.9   |

Manual Integrations  
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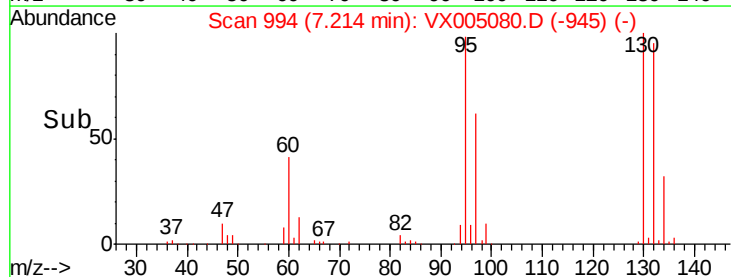
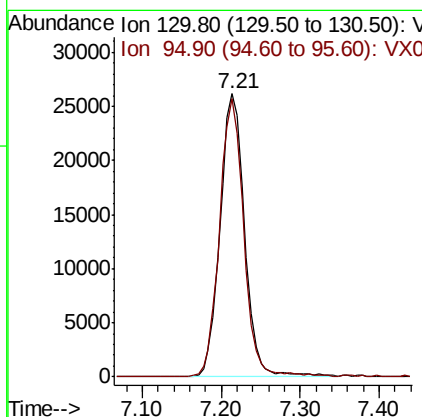
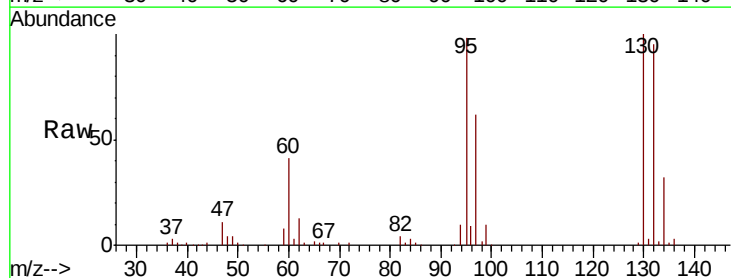
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#44

Trichloroethene  
 Concen: 19.969 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion   | 130  | Resp  | 56868 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 98.2 | 0.0   | 186.8 |





#45

1,2-Dichloropropane

Concen: 20.684 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 63 Resp: 58761

Ion Ratio Lower Upper

63 100

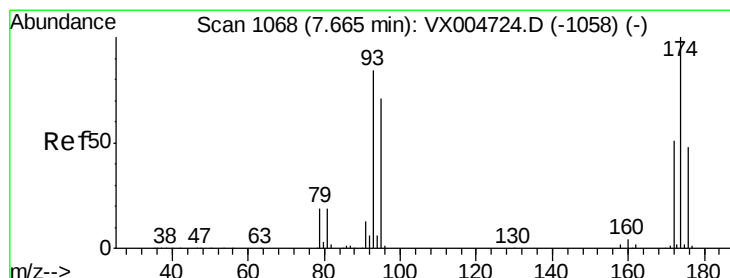
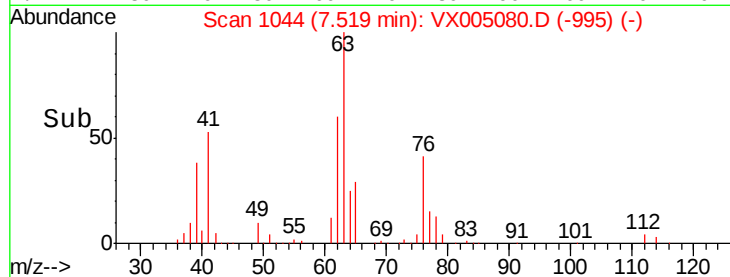
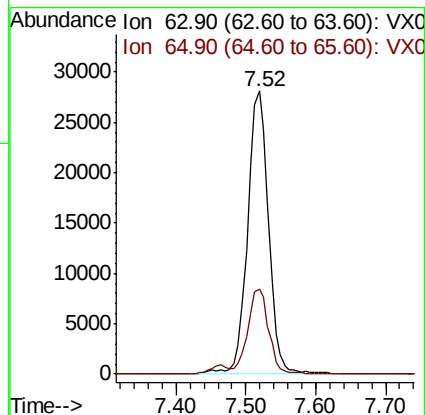
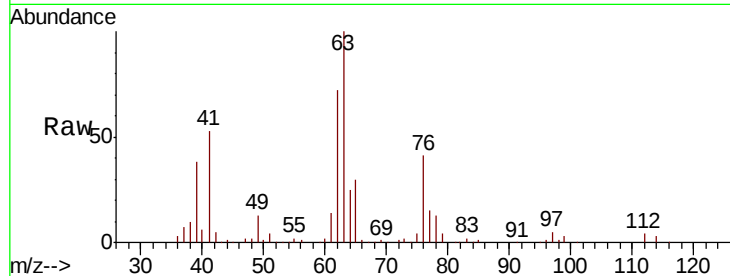
65 30.2 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 20.199 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

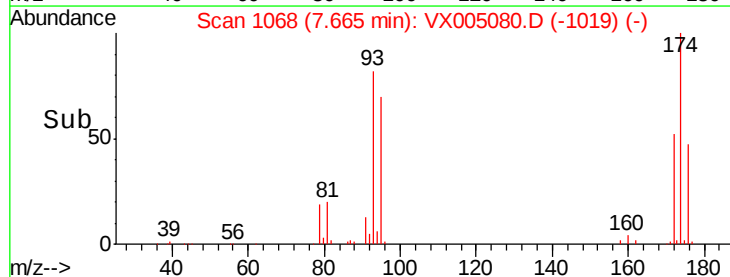
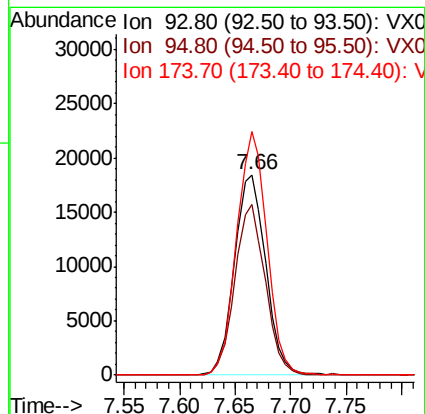
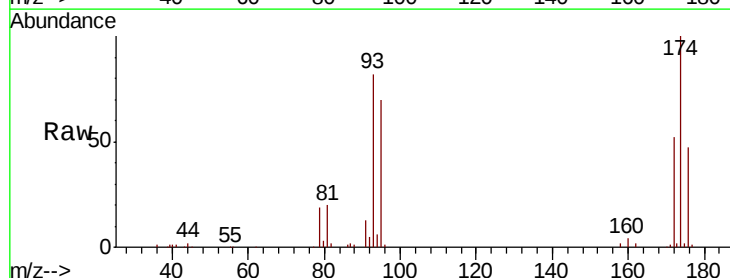
Tgt Ion: 93 Resp: 36063

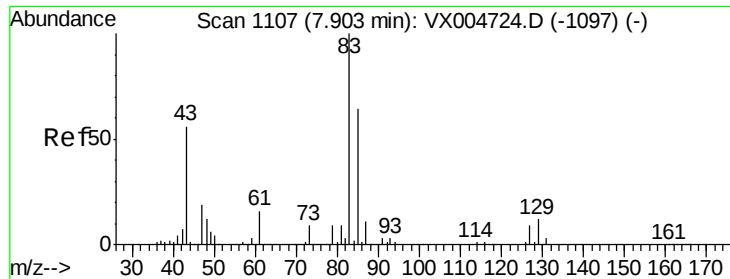
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 117.0 92.7 139.1





#47

Bromodichloromethane

Concen: 20.736 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

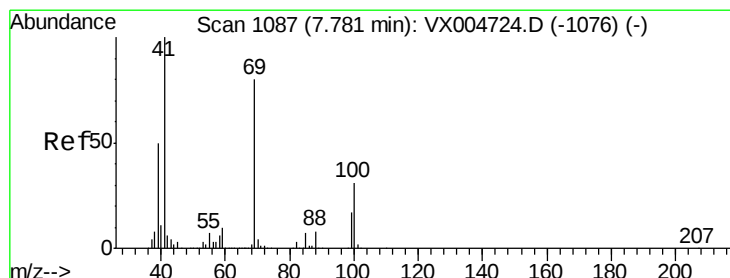
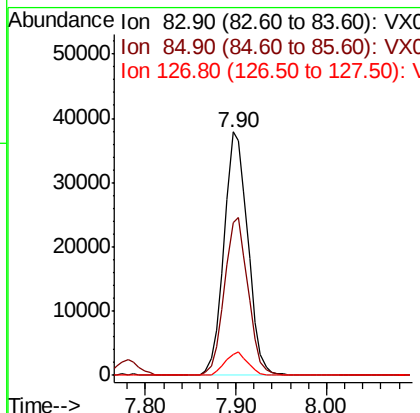
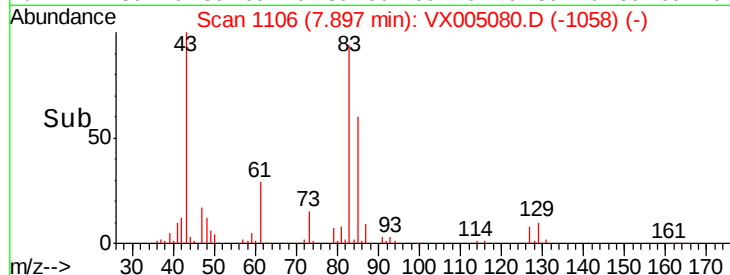
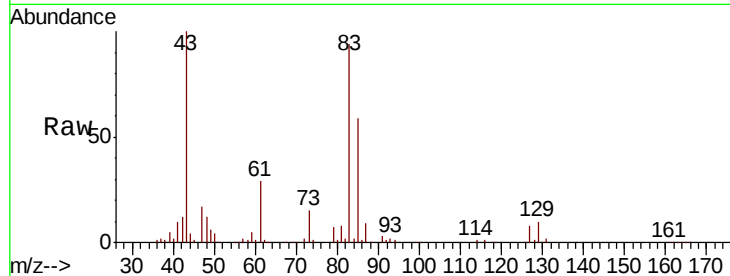
ClientSampleId :

VX1005WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 69315 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.0  | 51.2  | 76.8  |
| 127       | 8.5   | 7.0   | 10.6  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 21.752 ug/l

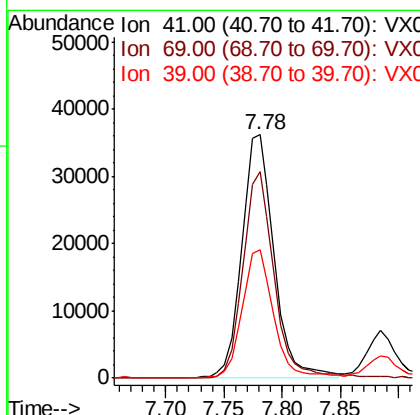
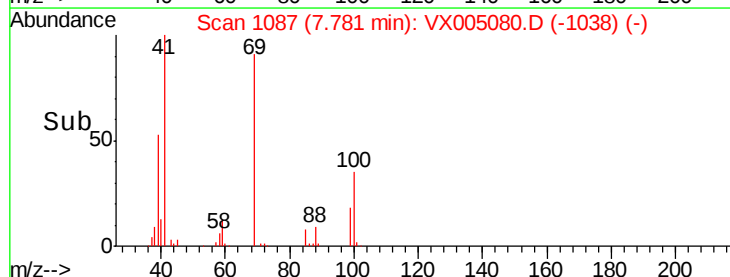
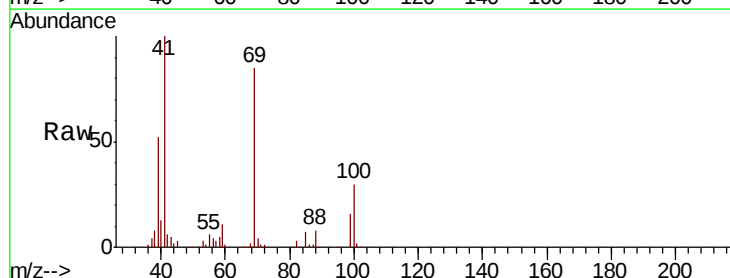
RT: 7.78 min Scan# 1087

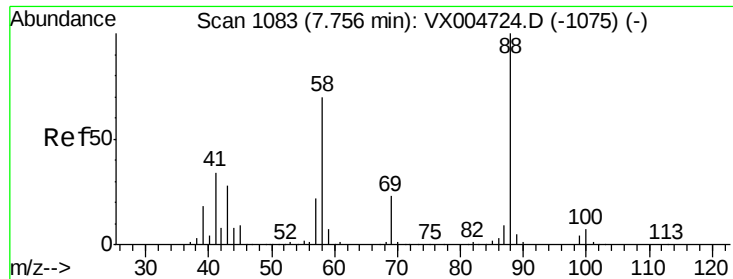
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 69993 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 82.4  | 63.8  | 95.6  |
| 39        | 51.0  | 40.7  | 61.1  |





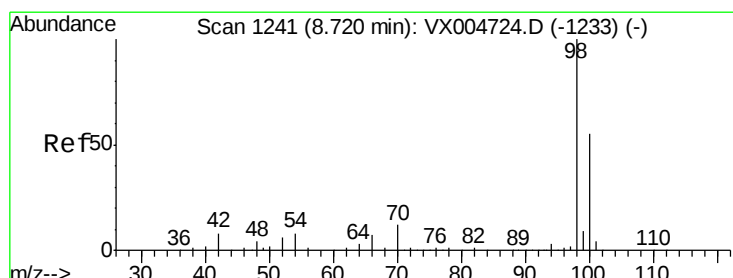
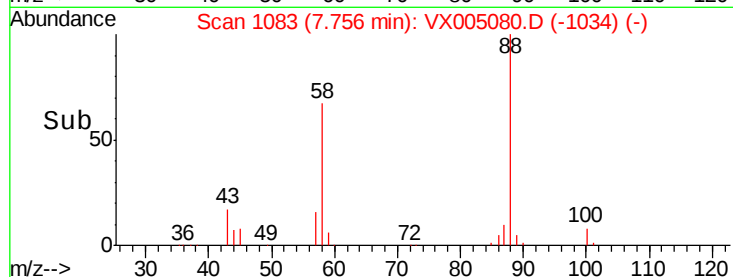
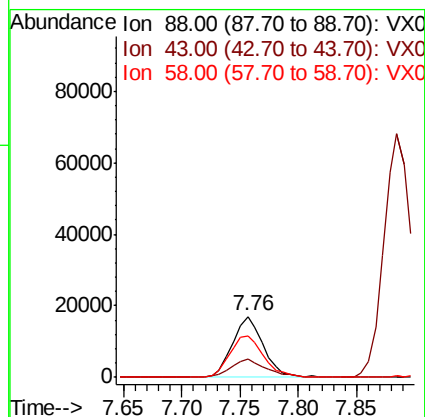
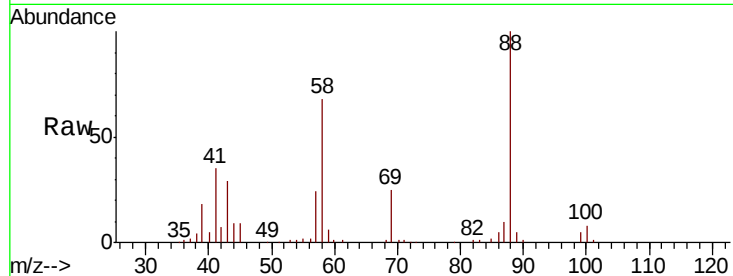
#49  
1,4-Dioxane  
Concen: 394.024 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion   | 88    | Resp  | 31499 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 32.9  | 25.1  | 37.7  |
| 58        | 75.9  | 56.2  | 84.2  |

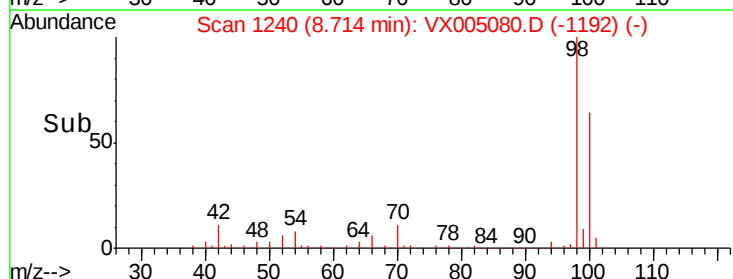
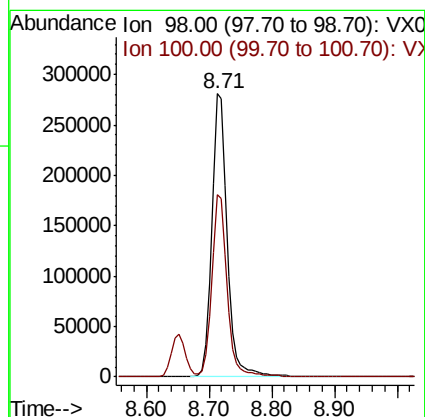
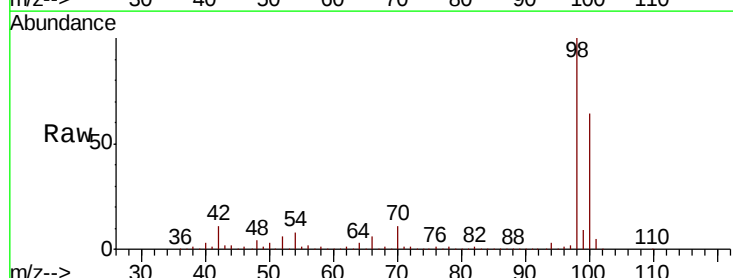
Manual Integrations  
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#50  
Toluene-d8  
Concen: 52.576 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion   | 98    | Resp  | 474039 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 64.8  | 51.9  | 77.9   |





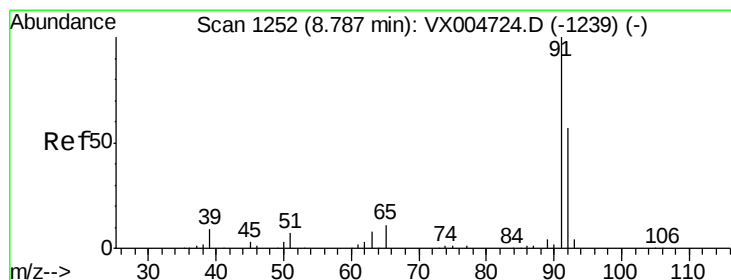
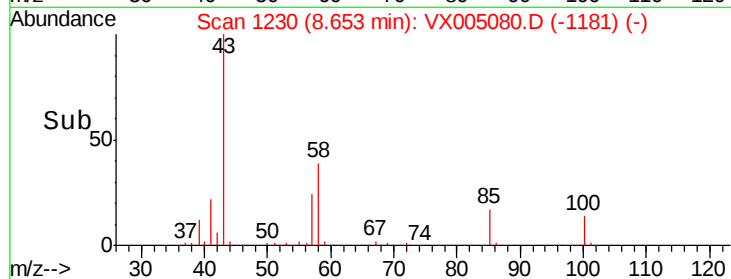
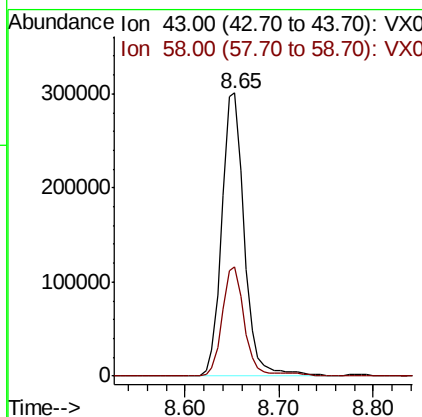
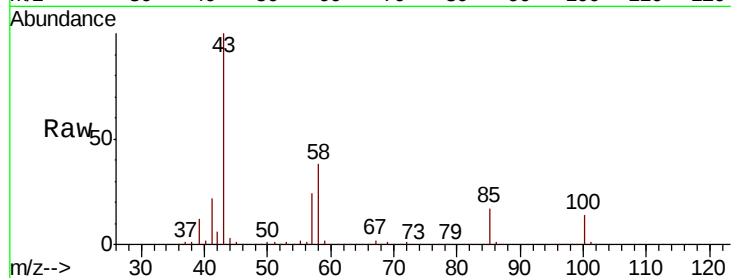
#51  
4-Methyl-2-Pentanone  
Concen: 111.740 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1005WBSD01

Tot Ion: 43 Resp: 498784  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.5 45.7

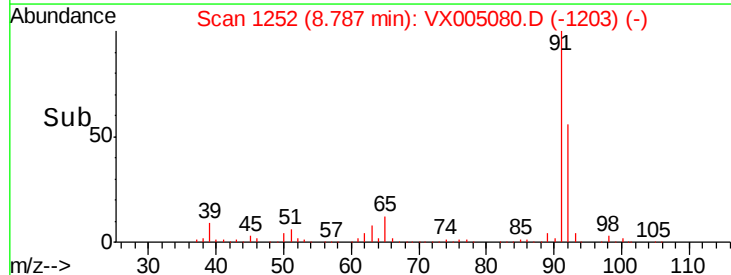
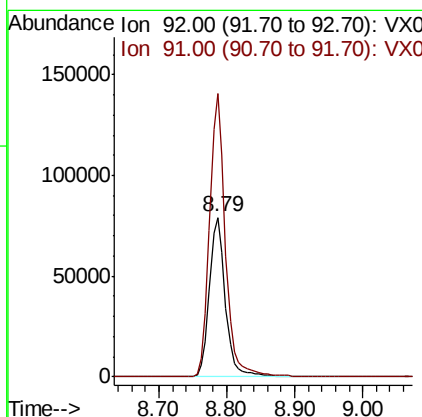
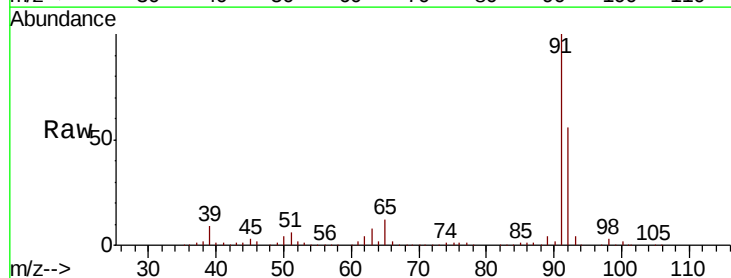
Manual Integrations  
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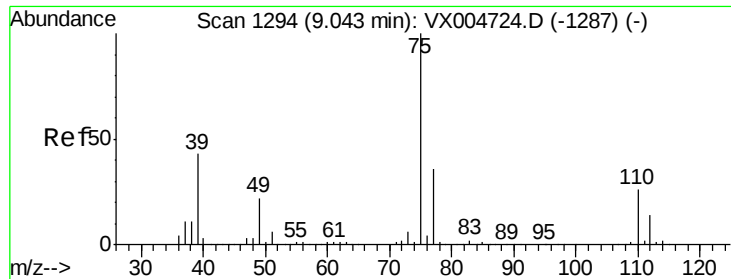
MMDadoda  
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#52  
Toluene  
Concen: 20.542 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Tgt Ion: 92 Resp: 130760  
Ion Ratio Lower Upper  
92 100  
91 174.8 136.7 205.1





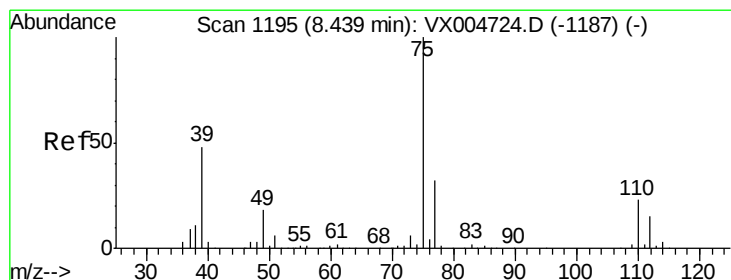
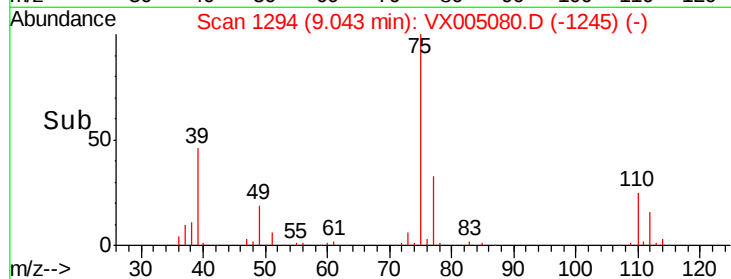
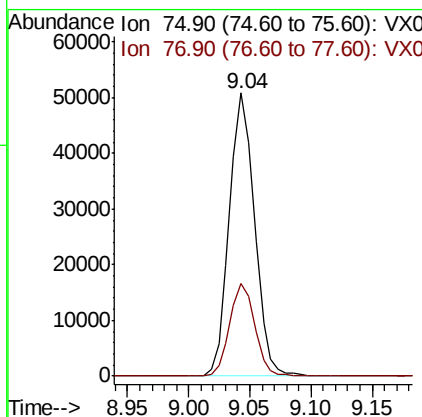
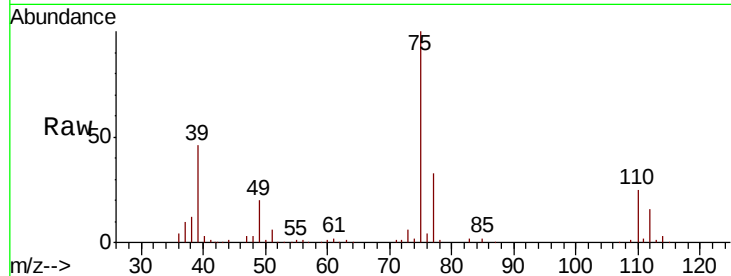
#53  
 t-1,3-Dichloropropene  
 Concen: 19.296 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

Tot Ion: 75 Resp: 72887  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 28.9 43.3

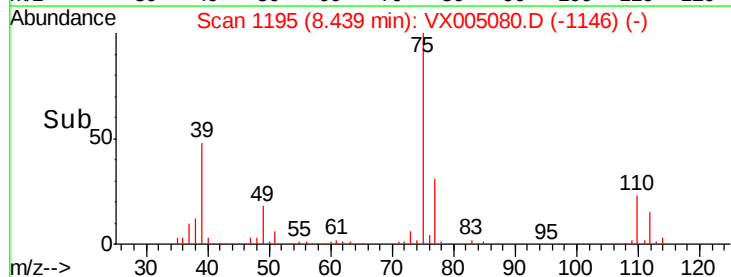
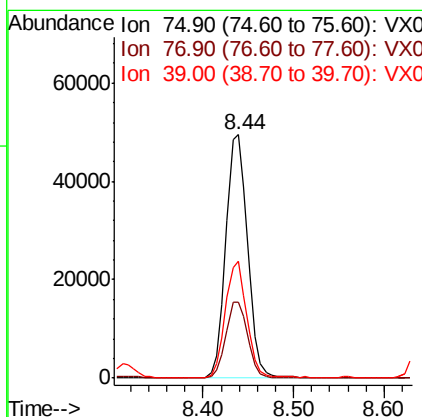
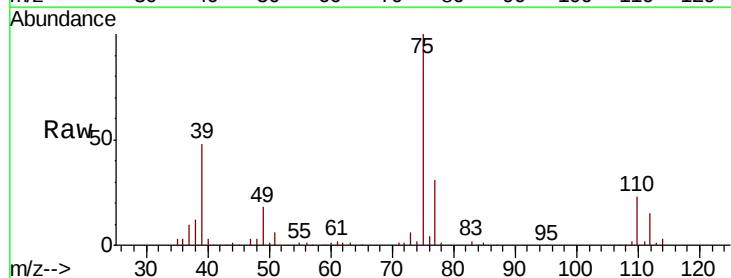
Manual Integrations  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 20.910 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Tgt Ion: 75 Resp: 82729  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.7 38.5  
 39 48.0 38.3 57.5





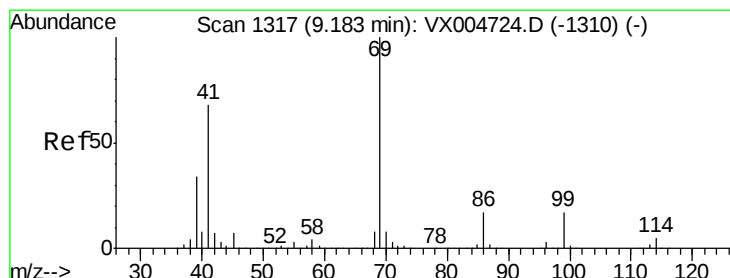
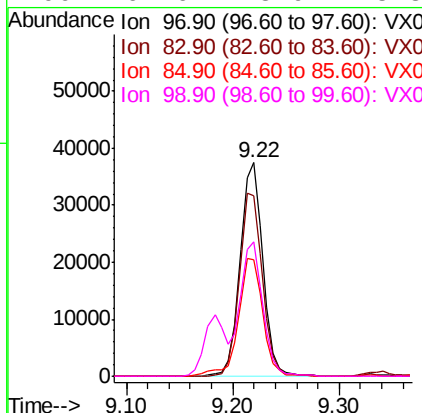
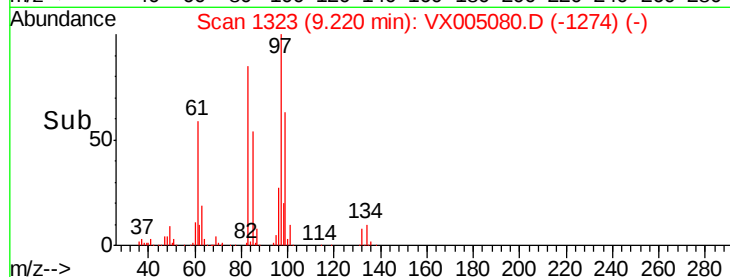
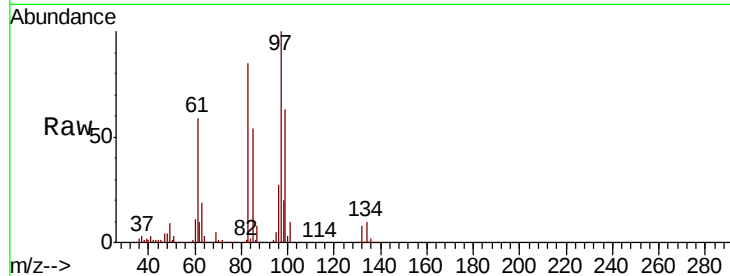
#55  
 1,1,2-Trichloroethane  
 Concen: 20.153 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 56192 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.7  | 68.2  | 102.2 |
| 85       | 54.3  | 49.9  | 74.9  |
| 99       | 62.6  | 48.9  | 73.3  |

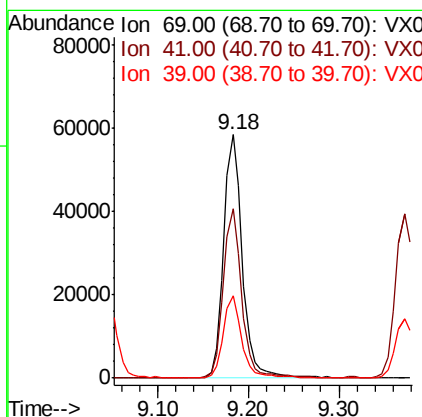
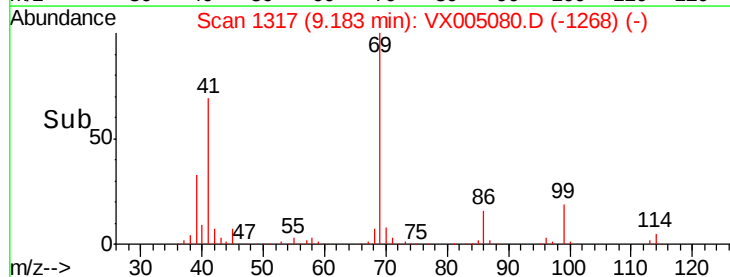
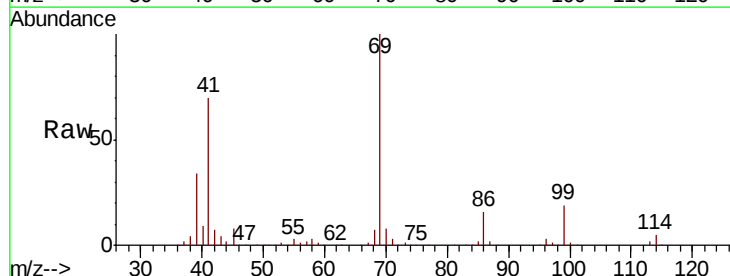
Manual Integrations  
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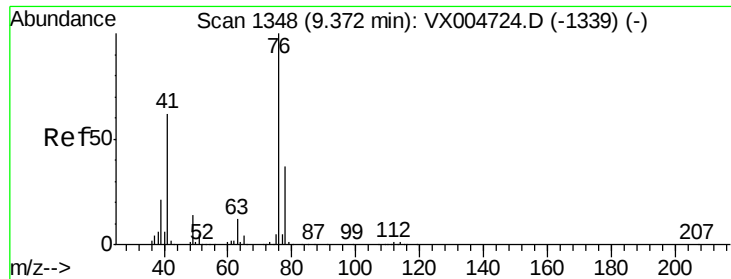
MMDadoda  
 10/8/2018 2:02:41 PM



#56  
 Ethyl methacrylate  
 Concen: 20.432 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 84323 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.4  | 56.9  | 85.3  |
| 39       | 33.4  | 28.4  | 42.6  |





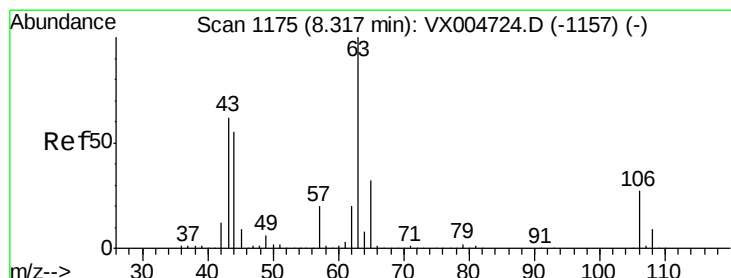
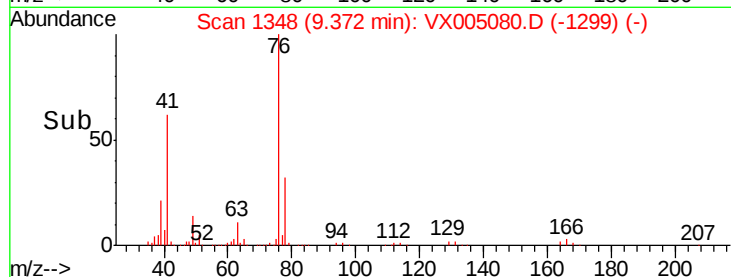
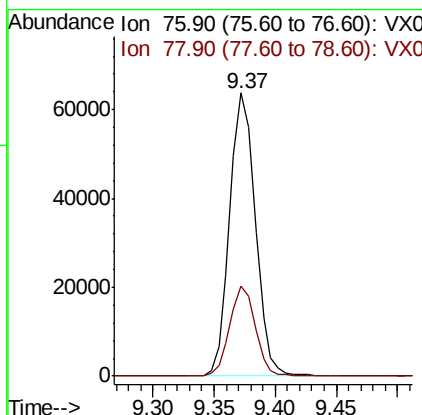
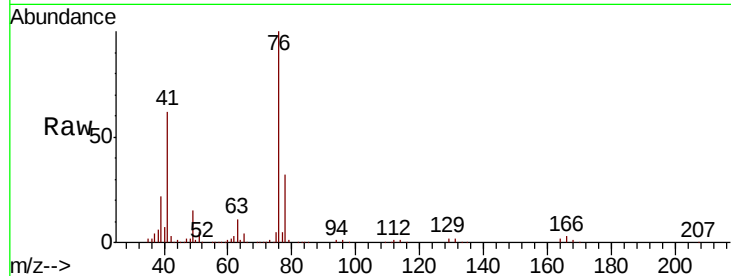
#57  
 1,3-Dichloropropane  
 Concen: 20.048 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1005WBSD01

Tot Ion: 76 Resp: 93035  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 26.6 40.0

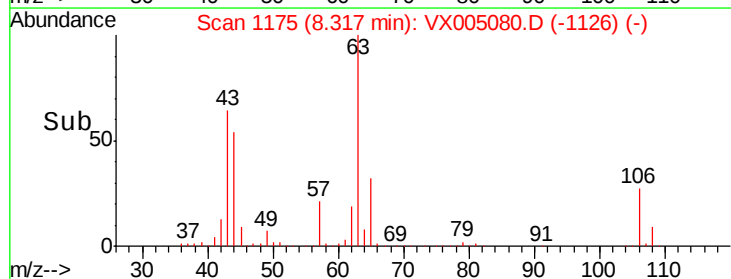
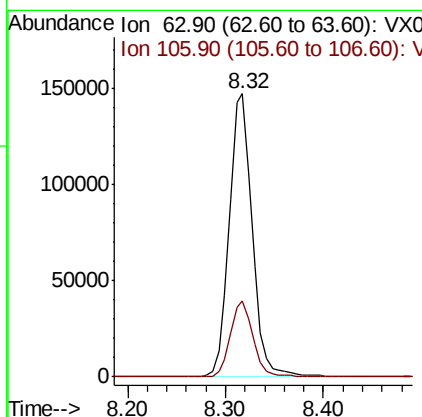
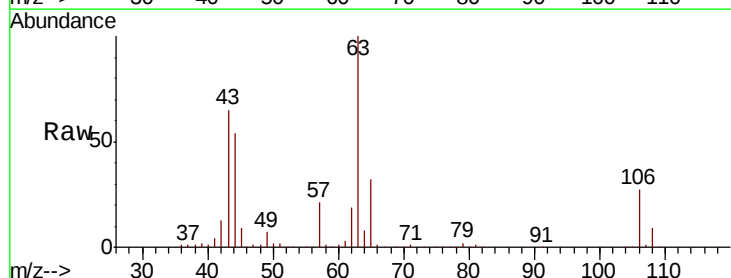
Manual Integrations  
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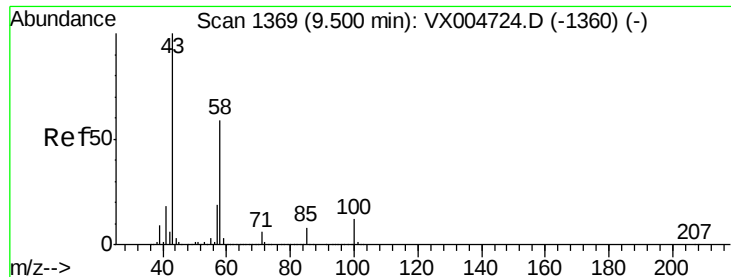
MMDadoda  
 10/8/2018 2:02:41 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.066 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Tgt Ion: 63 Resp: 239028  
 Ion Ratio Lower Upper  
 63 100  
 106 26.6 21.0 31.6





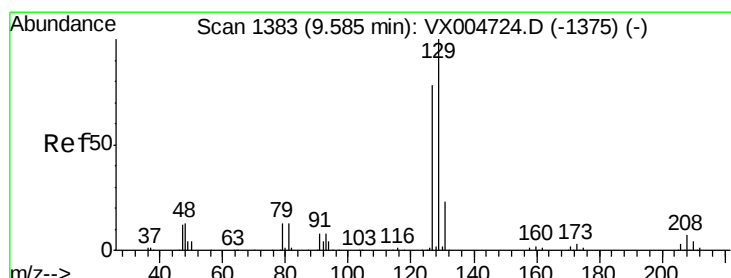
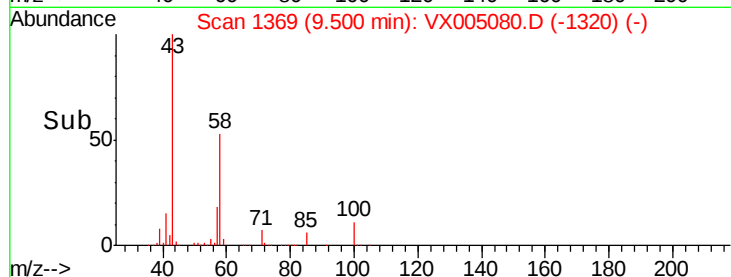
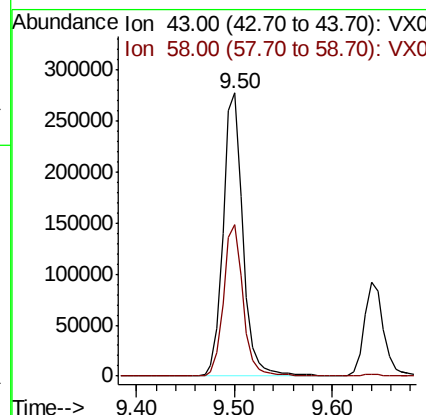
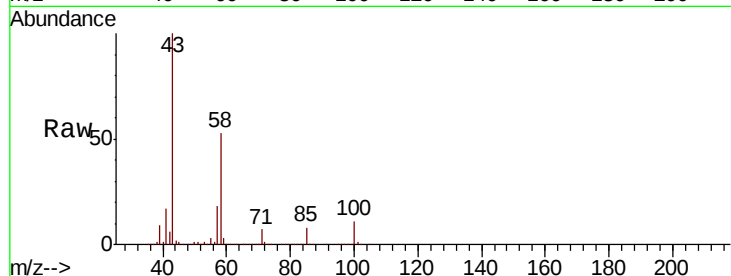
#59  
2-Hexanone  
Concen: 104.564 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.2  | 28.4  | 85.3  |

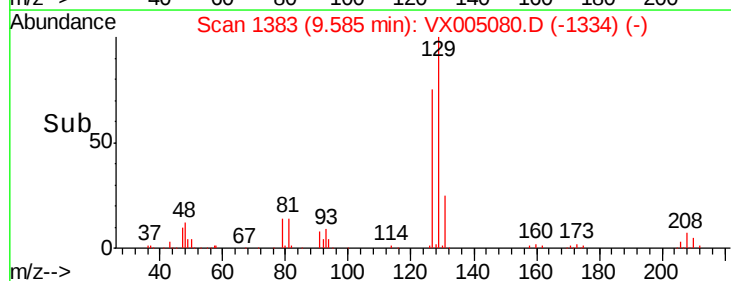
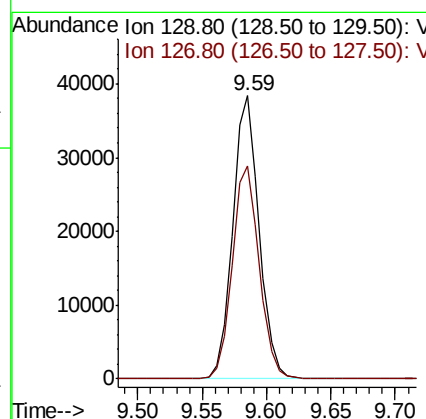
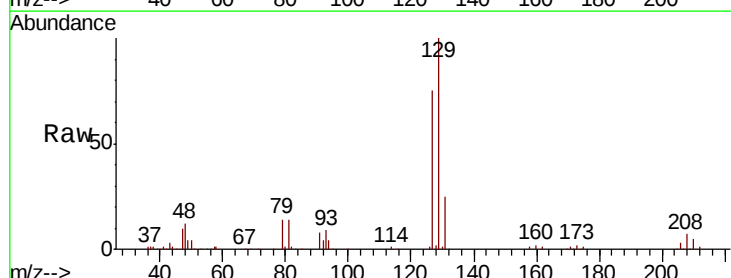
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 19.701 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.9  | 39.1  | 117.2 |





#61

1,2-Dibromoethane

Concen: 19.202 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion:107 Resp: 57338

Ion Ratio Lower Upper

107 100

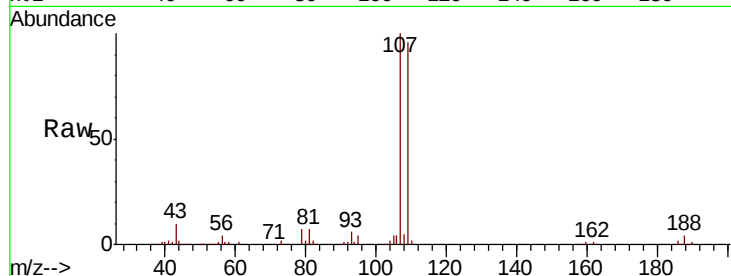
109 94.5 72.1 108.1

Manual Integrations

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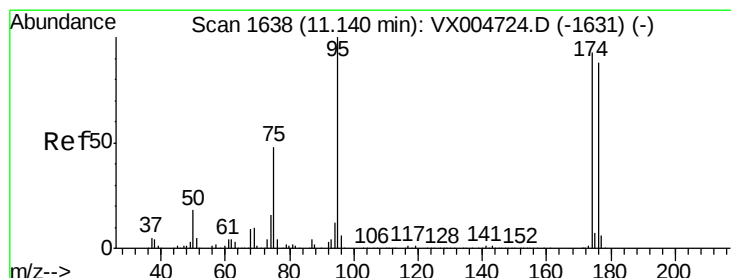
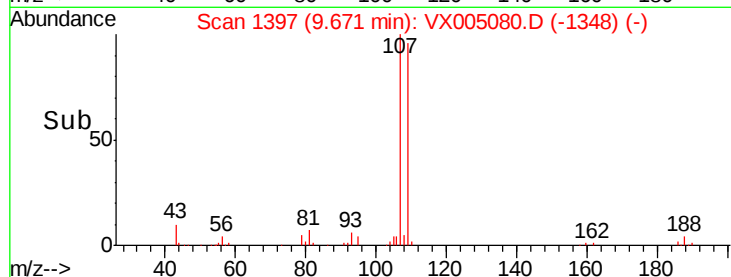
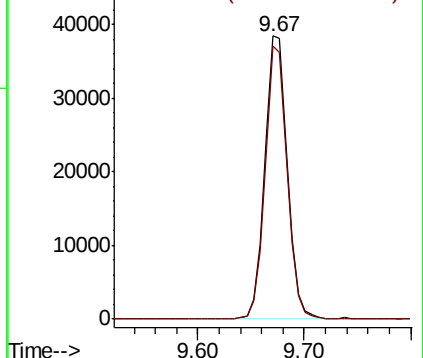
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.414 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

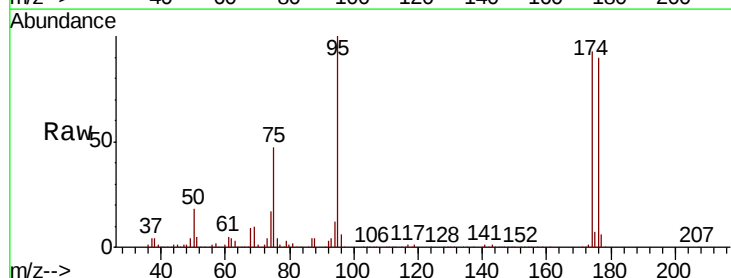
Tgt Ion: 95 Resp: 176744

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

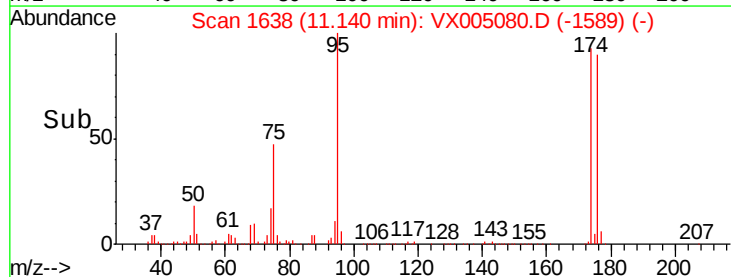
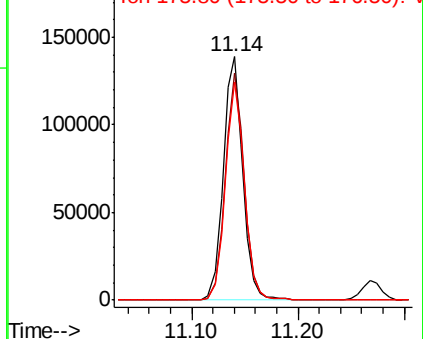
176 88.5 0.0 180.2

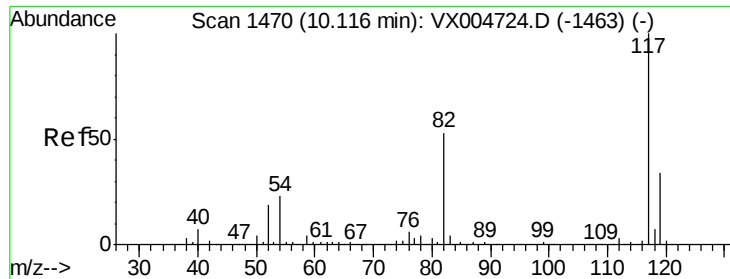


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





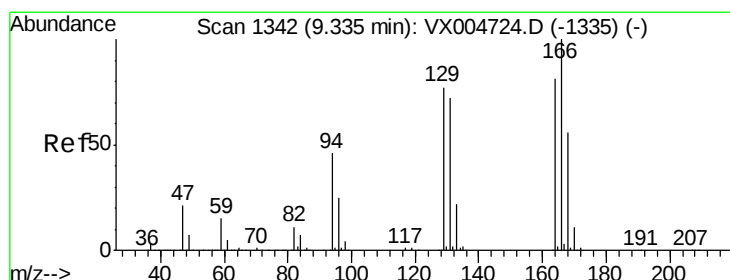
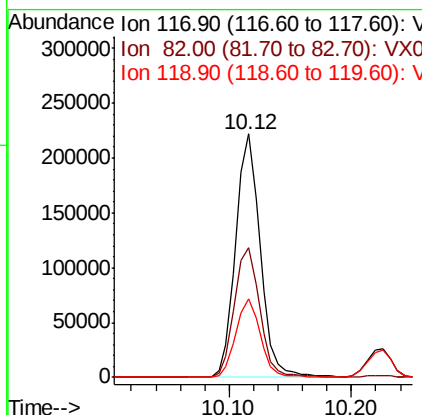
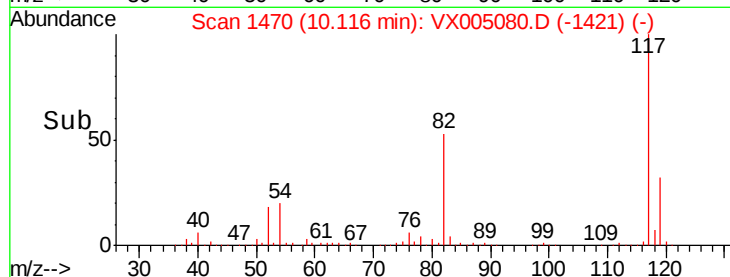
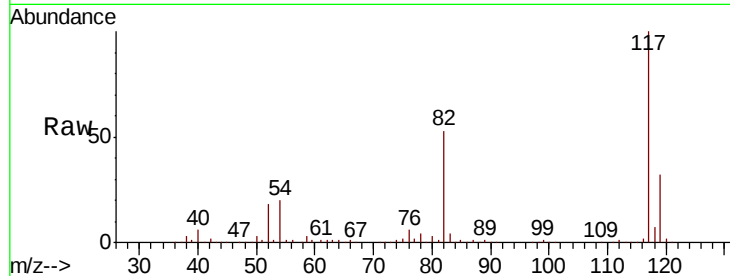
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 82      | 53.0  | 42.2 | 63.4  |       |
| 119     | 32.0  | 27.4 | 41.0  |       |

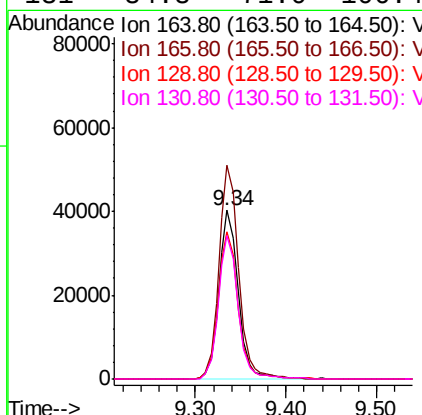
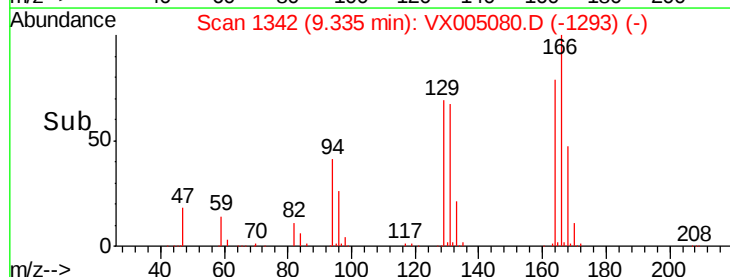
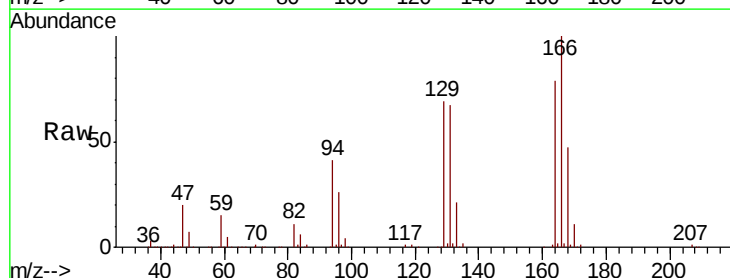
Manual Integrations  
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#64  
Tetrachloroethene  
Concen: 19.935 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 166     | 126.5 | 98.4 | 147.6 |       |
| 129     | 87.0  | 76.1 | 114.1 |       |
| 131     | 84.8  | 71.0 | 106.4 |       |





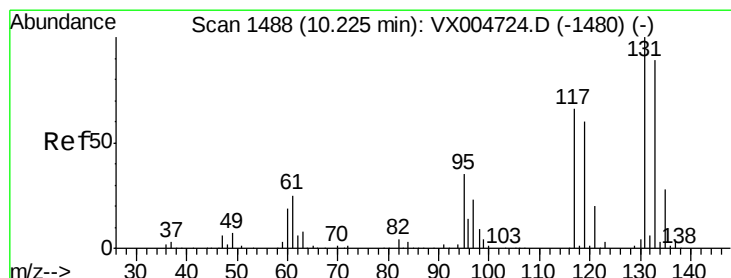
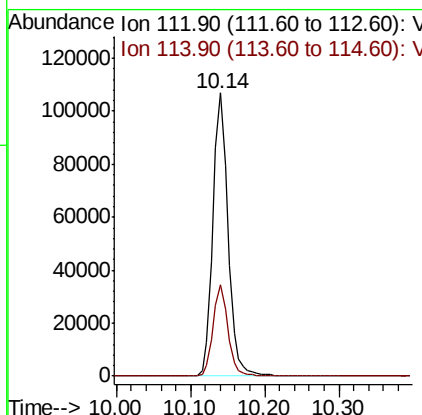
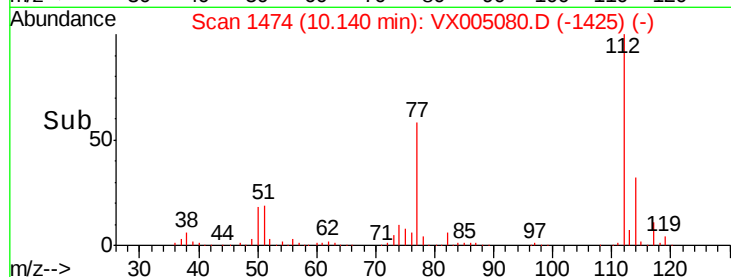
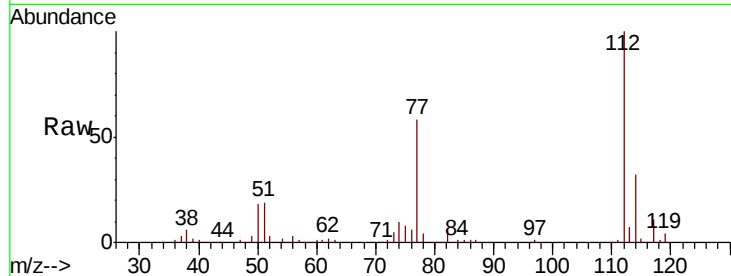
#65  
Chlorobenzene  
Concen: 18.887 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

Tot Ion:112 Resp: 149488  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.7 40.1

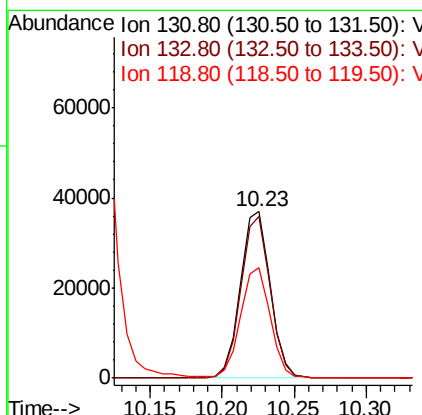
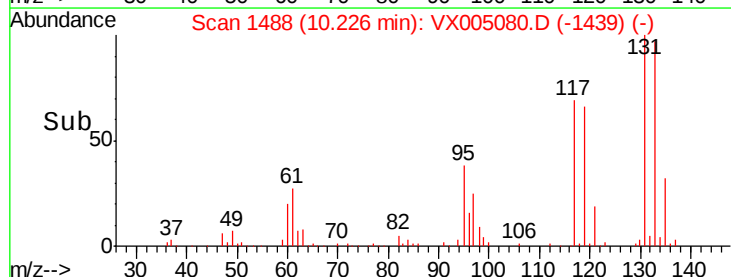
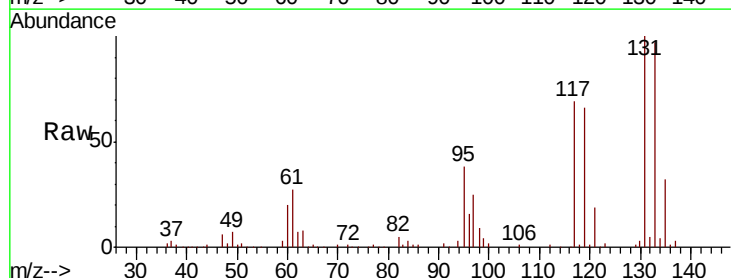
Manual Integrations  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.050 ug/l  
RT: 10.23 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Tgt Ion:131 Resp: 53008  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.4 145.0  
119 66.2 32.3 96.8





#67

Ethyl Benzene

Concen: 19.439 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampled :

VX1005WBSD01

Tot Ion: 91 Resp: 244275

Ion Ratio Lower Upper

91 100

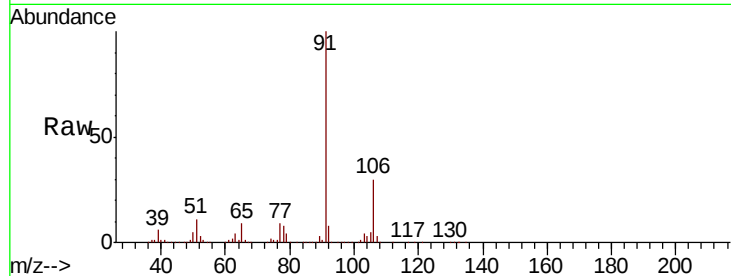
106 30.0 26.9 40.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX004724.D (-1485) (-)

300000

250000

200000

150000

100000

50000

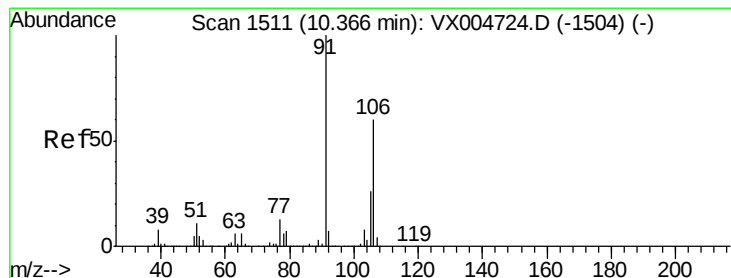
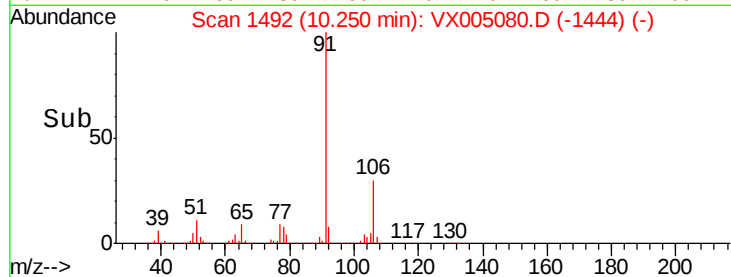
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 38.982 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005080.D

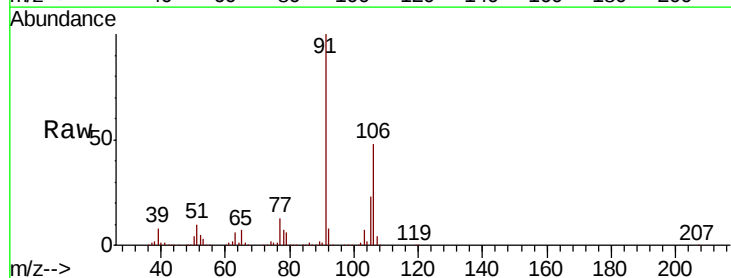
Acq: 05 Oct 2018 21:31

Tgt Ion: 106 Resp: 191420

Ion Ratio Lower Upper

106 100

91 205.1 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1504) (-)

300000

250000

200000

150000

100000

50000

0

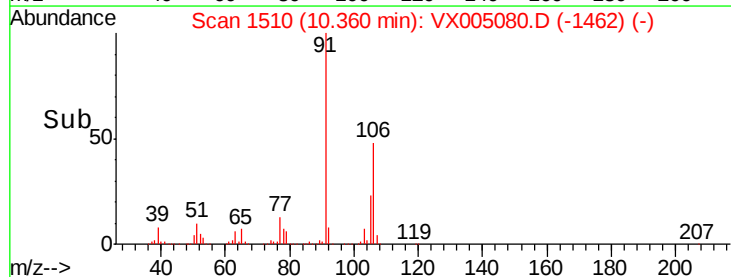
10.30

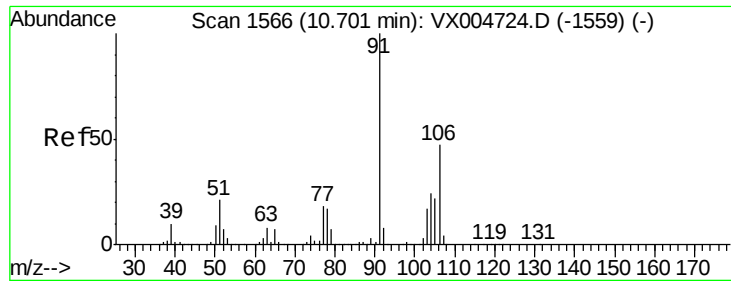
10.36

10.40

10.50

Time-->





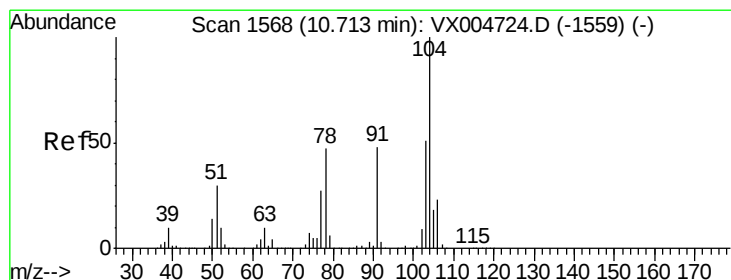
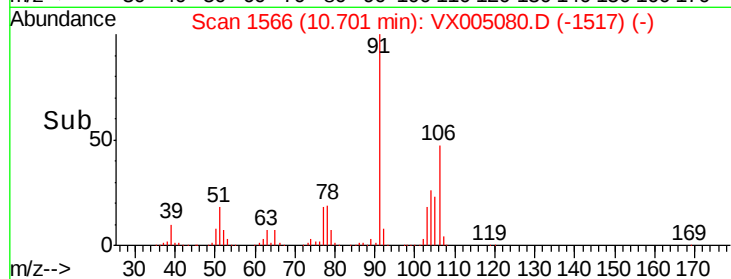
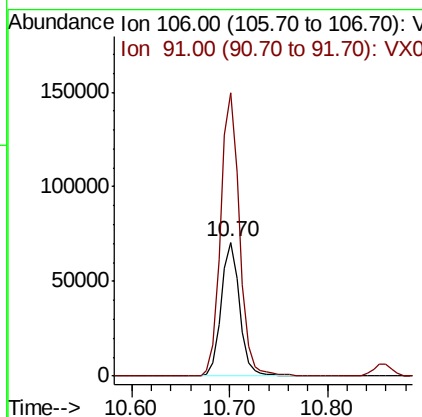
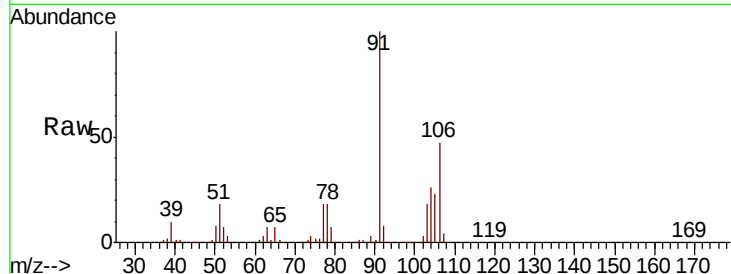
#69  
o-Xylene  
Concen: 20.596 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

Tot Ion:106 Resp: 92893  
Ion Ratio Lower Upper  
106 100  
91 215.0 108.3 324.8

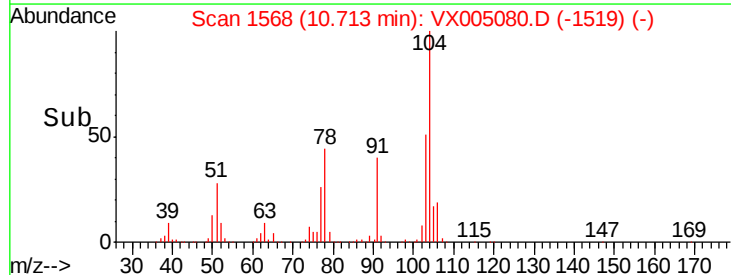
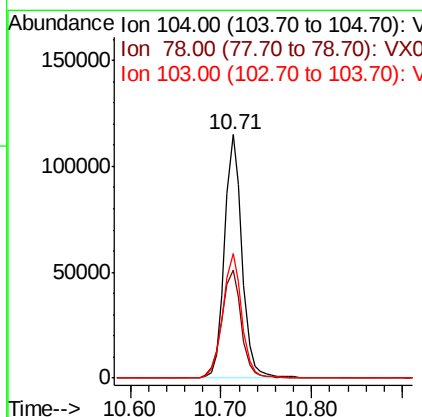
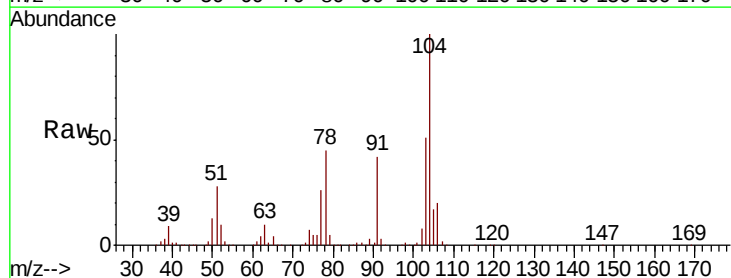
Manual Integrations  
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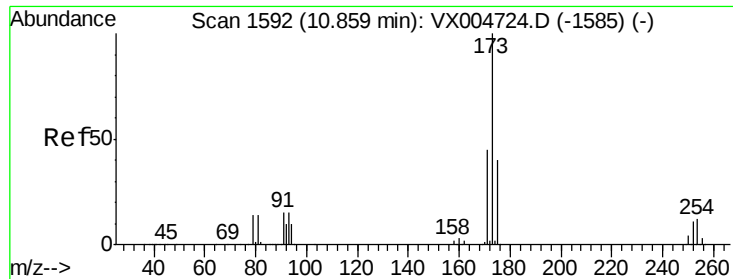
MMDadoda  
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#70  
Styrene  
Concen: 19.685 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Tgt Ion:104 Resp: 154619  
Ion Ratio Lower Upper  
104 100  
78 50.1 40.0 60.0  
103 55.7 44.3 66.5





#71

Bromoform

Concen: 18.228 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

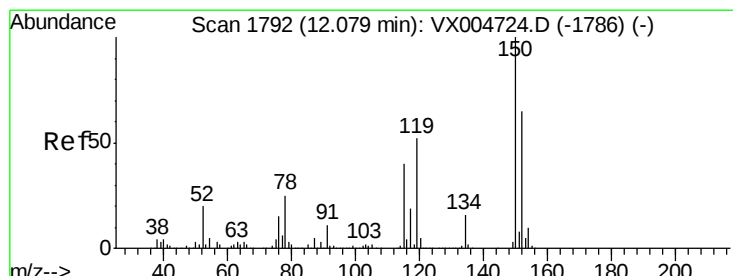
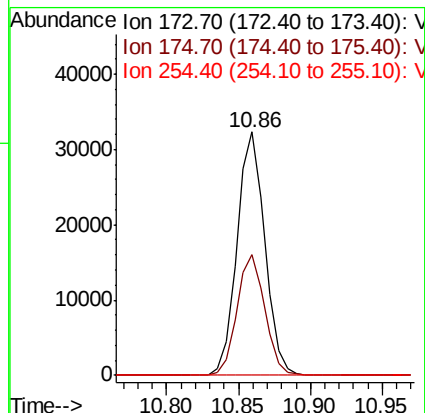
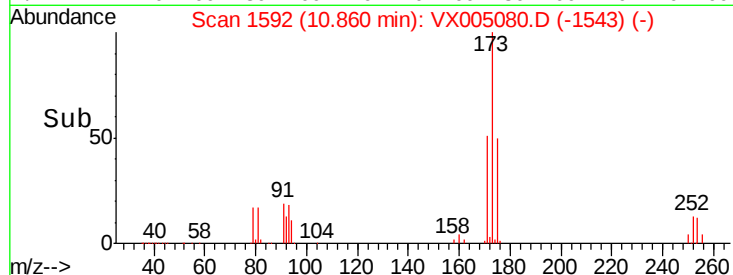
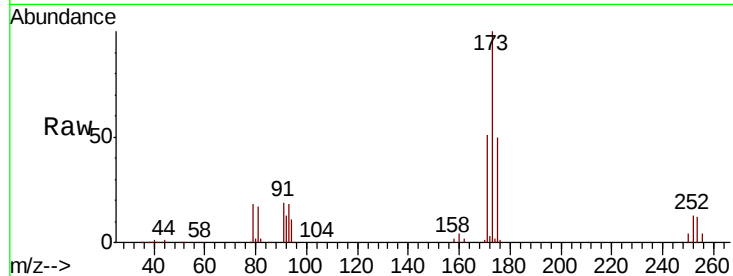
ClientSampleId :

VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 23.3  | 69.8  |
| 254     | 0.0   | 0.2   | 0.2   |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

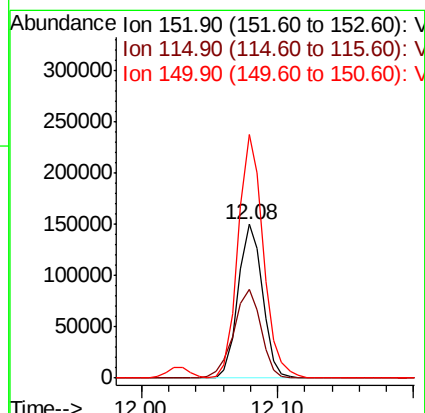
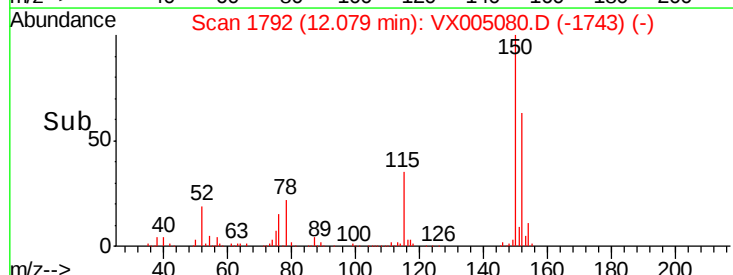
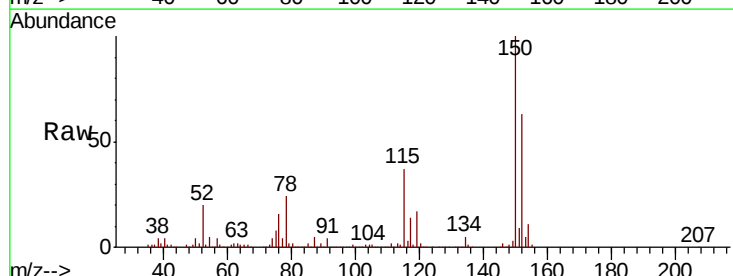
RT: 12.08 min Scan# 1792

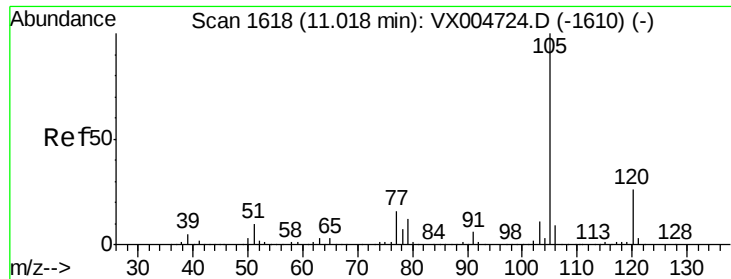
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.9  | 40.2  | 120.6 |
| 150     | 164.0 | 0.0   | 351.0 |





#73

Isopropylbenzene

Concen: 21.508 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 105 Resp: 254570

Ion Ratio Lower Upper

105 100

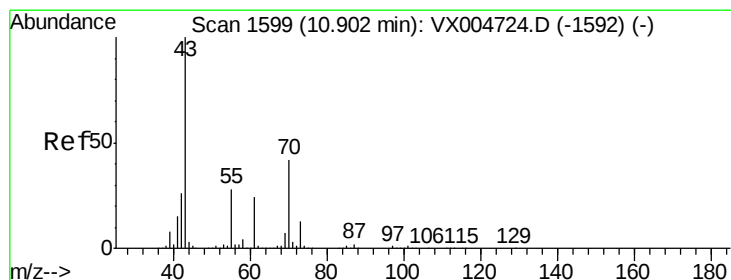
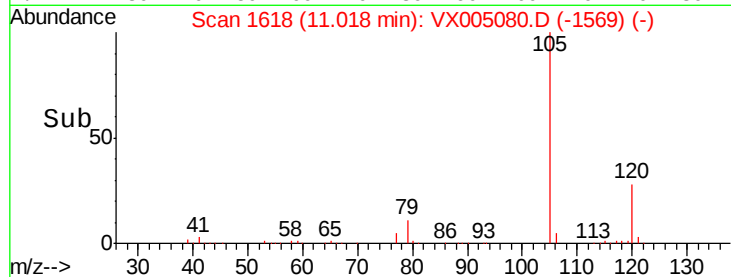
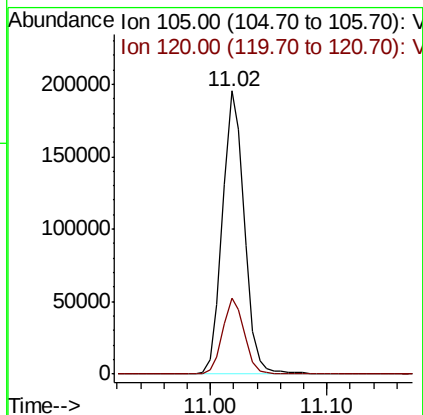
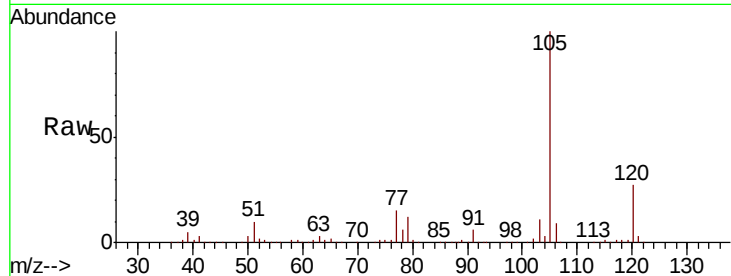
120 26.6 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.402 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Tgt Ion: 43 Resp: 119009

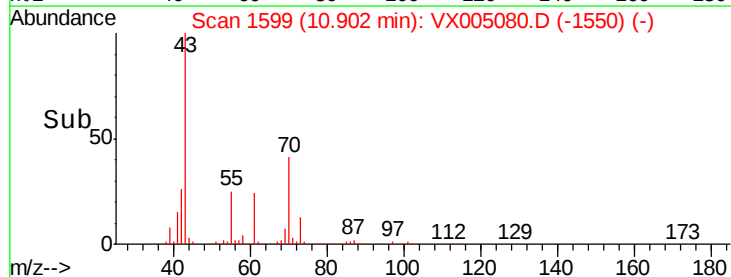
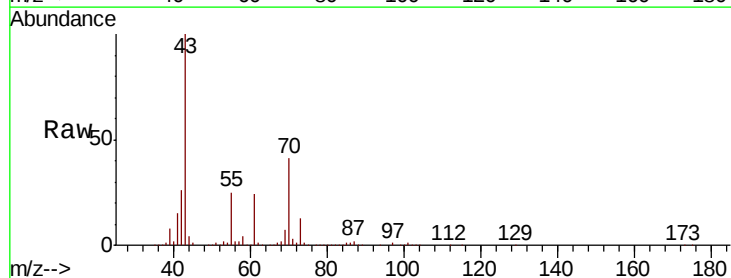
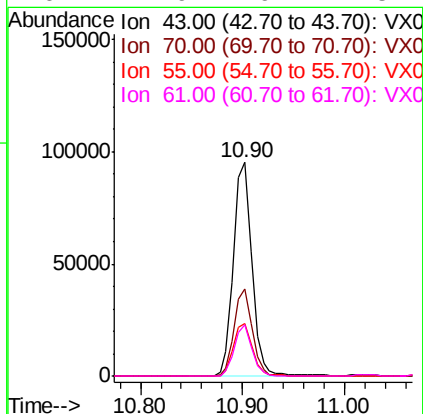
Ion Ratio Lower Upper

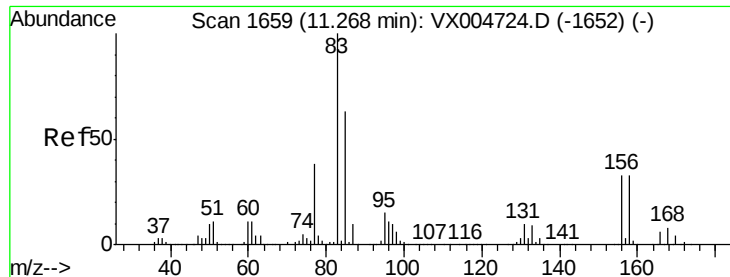
43 100

70 40.3 32.6 48.8

55 25.4 21.6 32.4

61 22.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.897 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

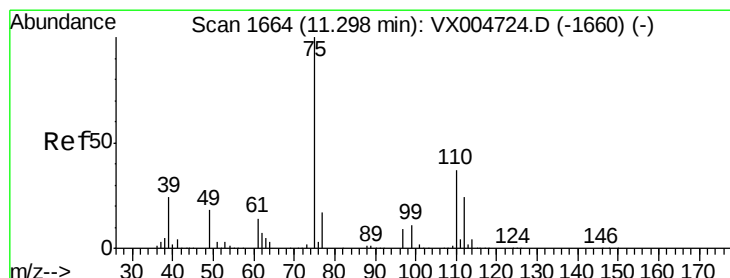
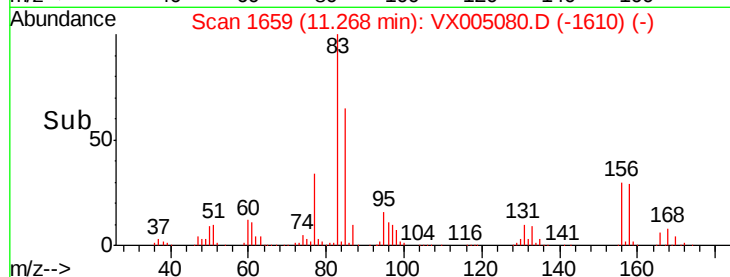
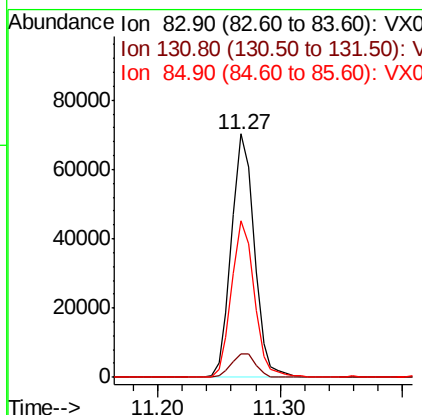
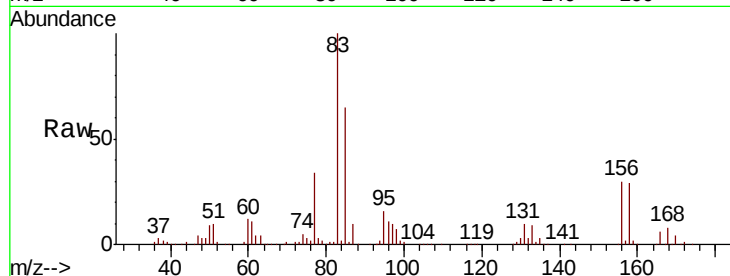
ClientSampleId :

VX1005WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 91046 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 5.1   | 15.3  |
| 85        | 64.1  | 31.9  | 95.9  |

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#76

1,2,3-Trichloropropane

Concen: 20.078 ug/l m

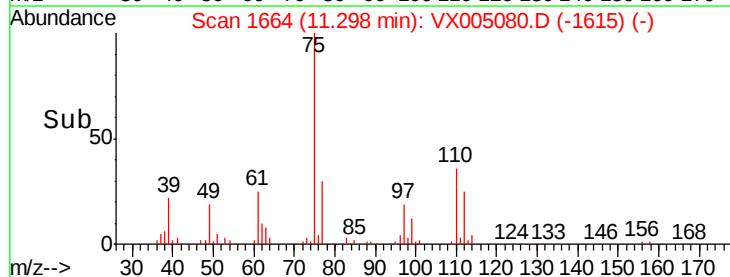
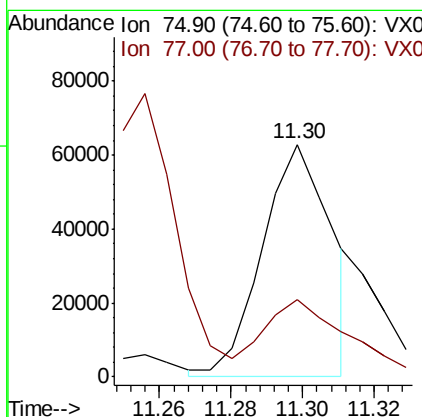
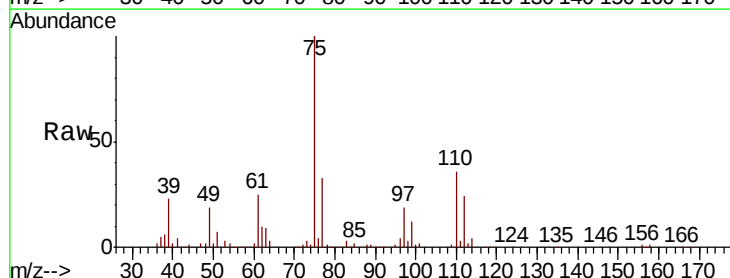
RT: 11.30 min Scan# 1664

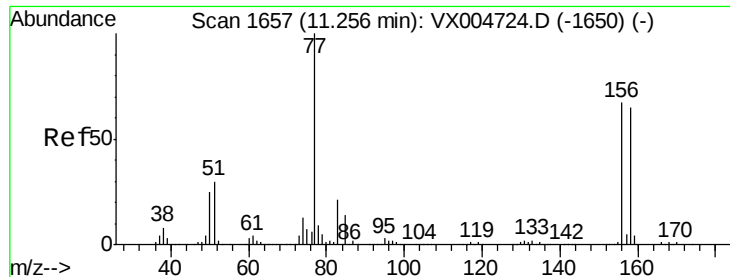
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 84505 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 40.7  | 21.4  | 64.3  |





#77

Bromobenzene

Concen: 19.858 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion:156 Resp: 68269

Ion Ratio Lower Upper

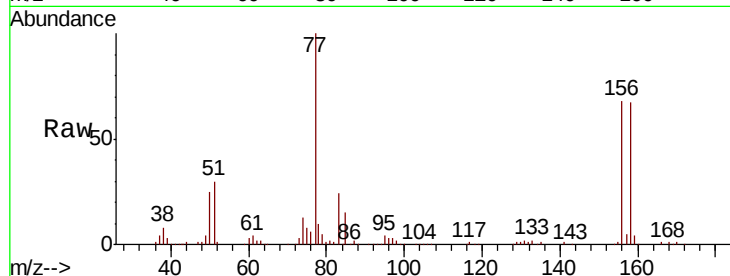
156 100

77 148.6 73.4 220.2

158 97.6 49.1 147.4

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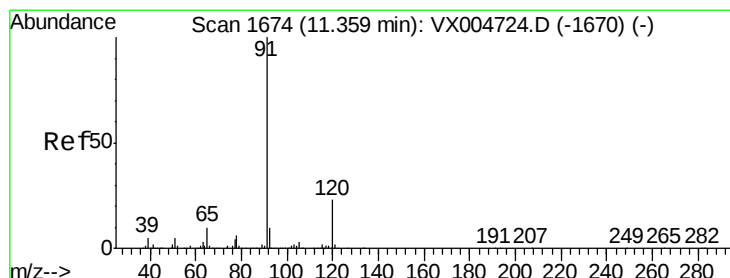
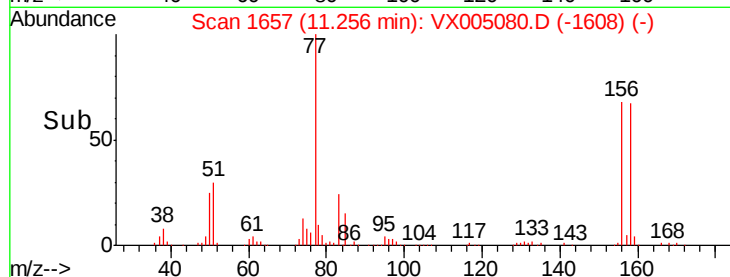
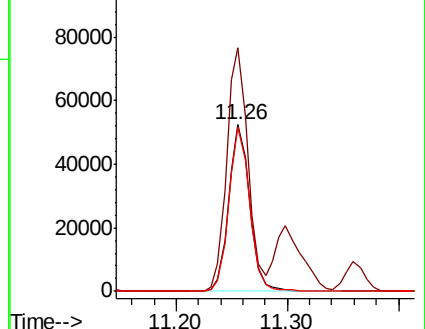
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.233 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005080.D

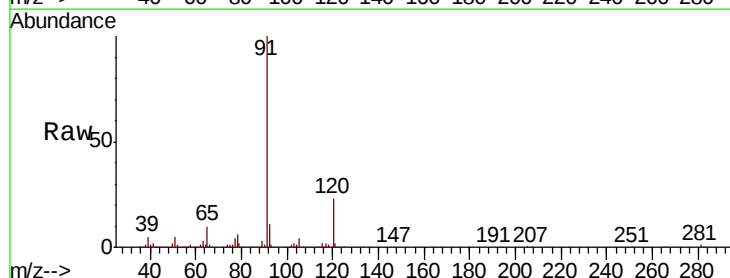
Acq: 05 Oct 2018 21:31

Tgt Ion: 91 Resp: 288363

Ion Ratio Lower Upper

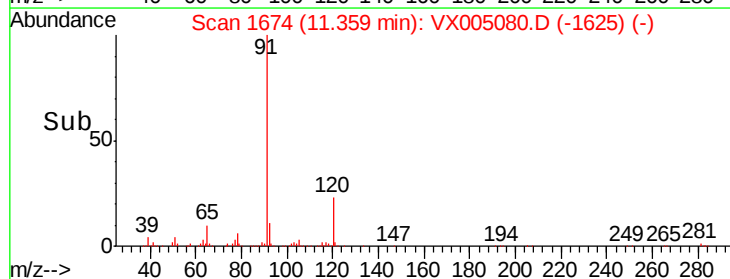
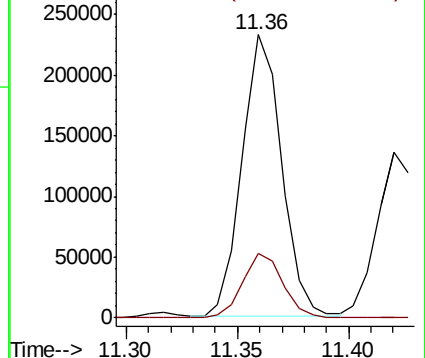
91 100

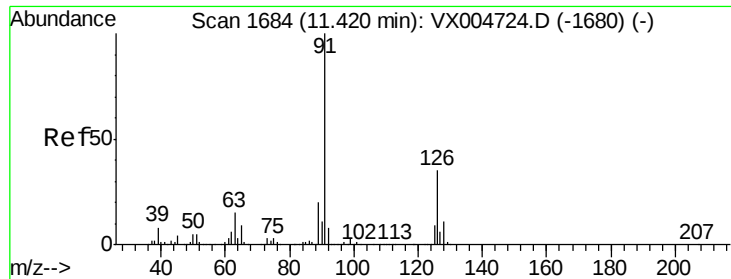
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.656 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 91 Resp: 174853

Ion Ratio Lower Upper

91 100

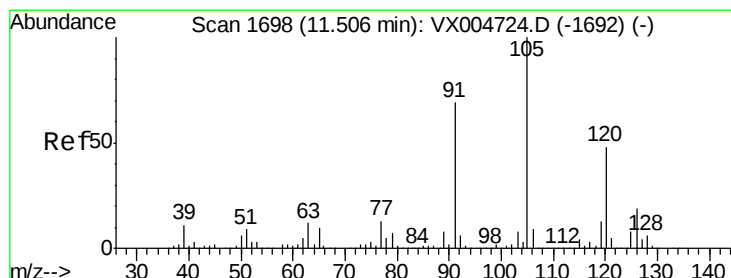
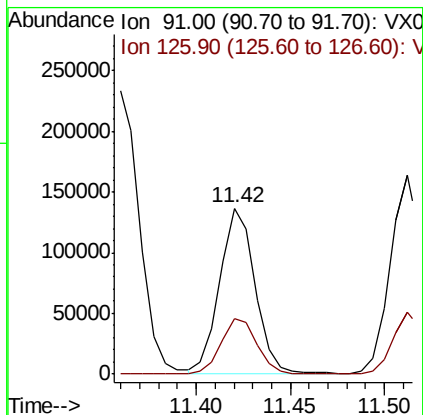
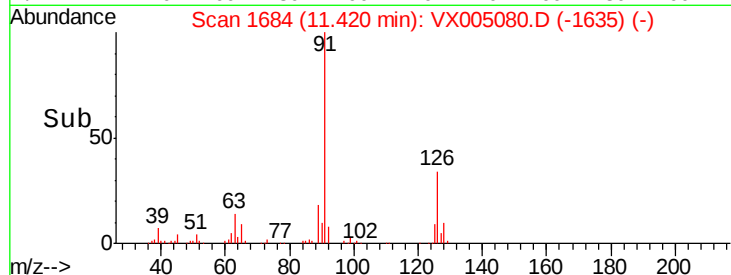
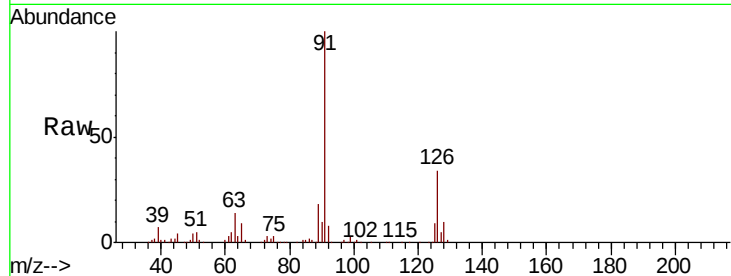
126 35.0 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.628 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005080.D

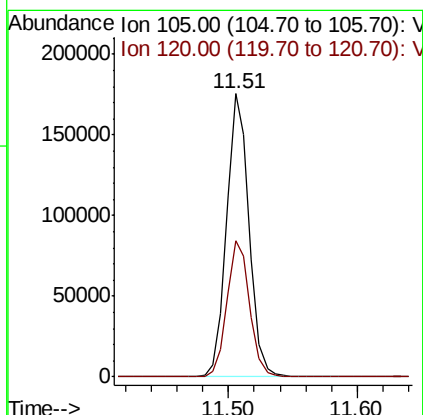
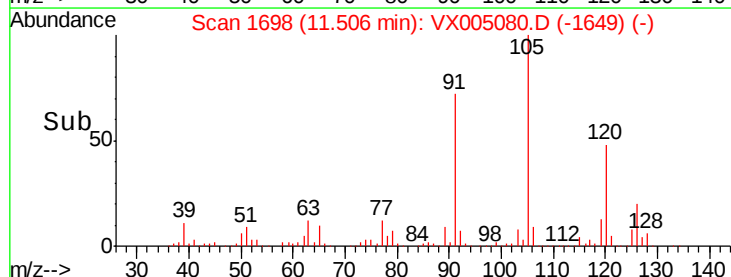
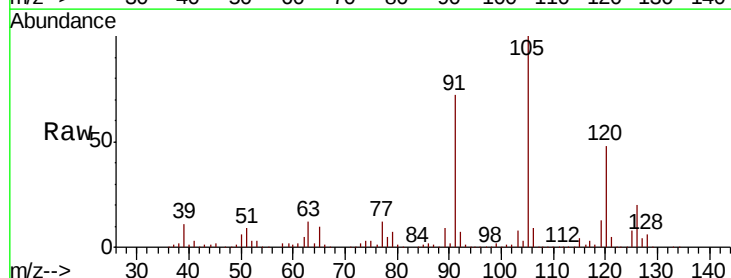
Acq: 05 Oct 2018 21:31

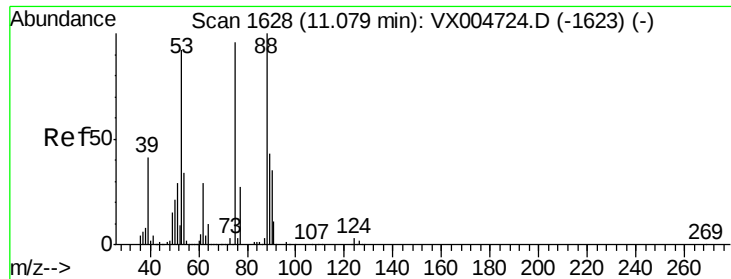
Tgt Ion: 105 Resp: 214229

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.566 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

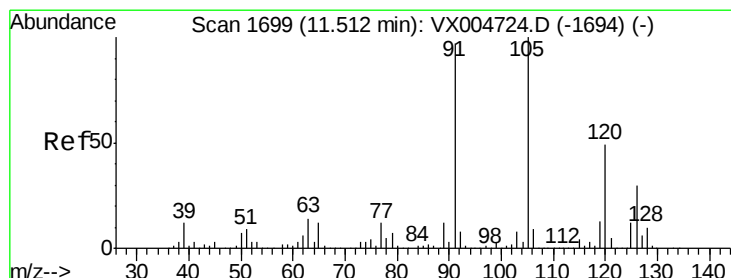
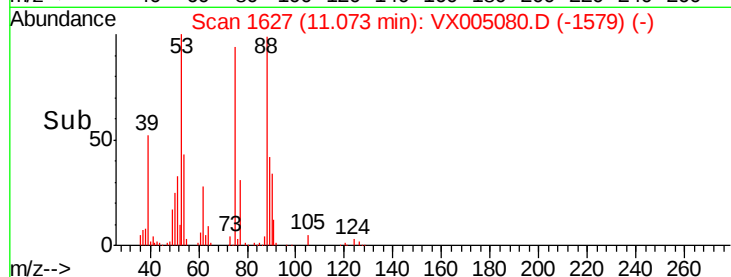
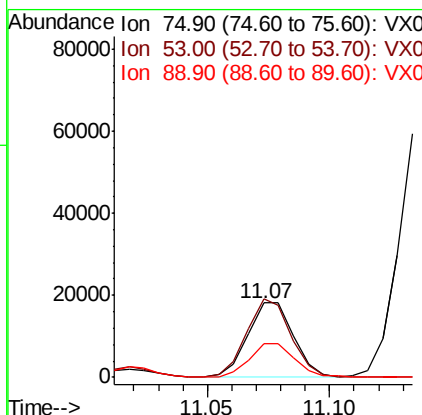
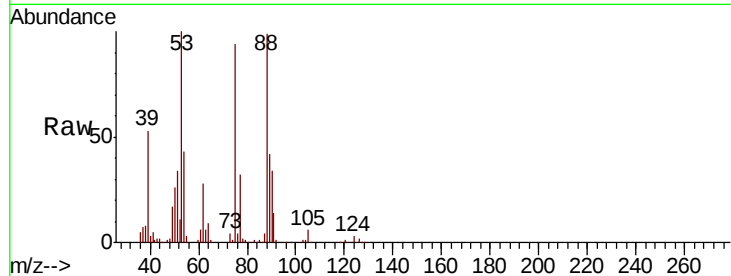
ClientSampled :

VX1005WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 23429 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 102.6 | 80.2  | 120.4 |
| 89       | 46.3  | 37.1  | 55.7  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 20.639 ug/l

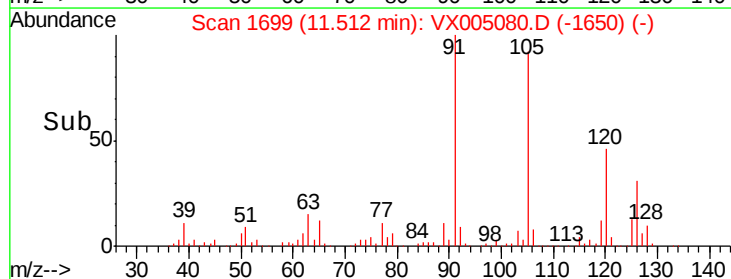
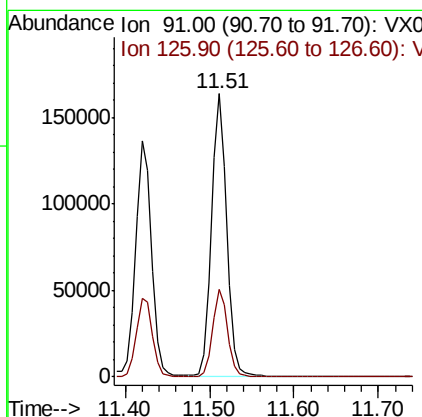
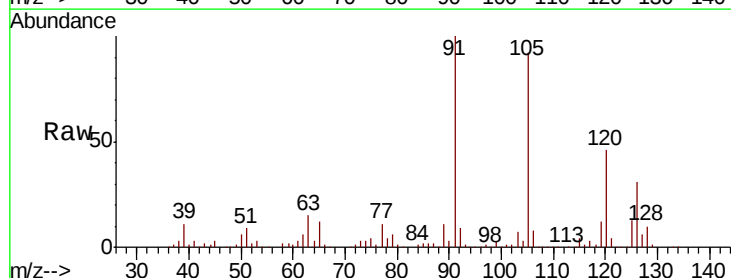
RT: 11.51 min Scan# 1699

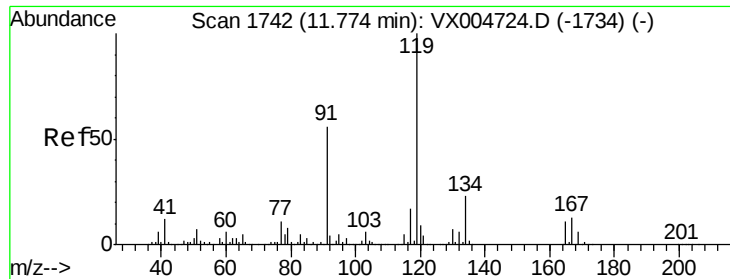
Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 205639 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.4  | 15.5  | 46.5   |





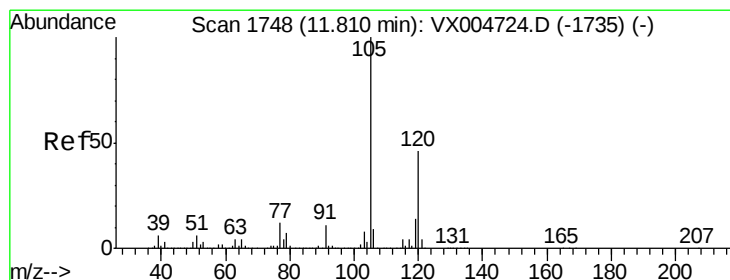
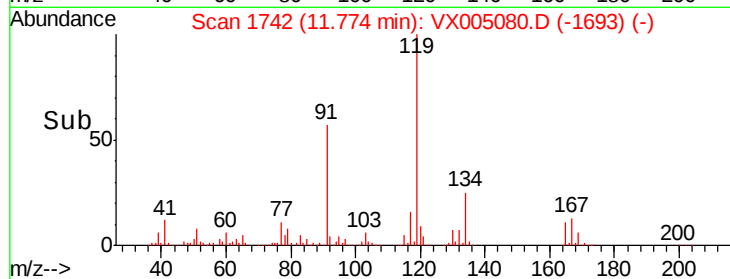
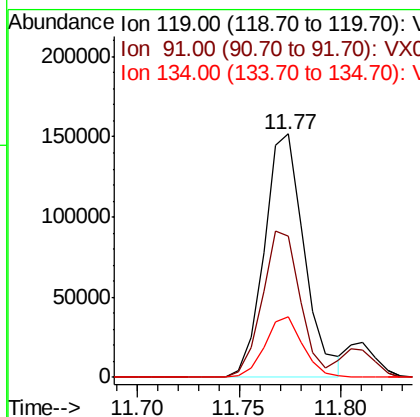
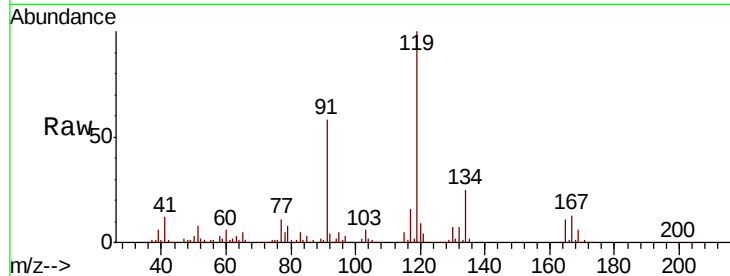
#83  
 tert-Butylbenzene  
 Concen: 21.283 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 207407 |       |       |
| 91      | 57.1  |        | 27.5  | 82.5  |
| 134     | 23.5  |        | 11.5  | 34.4  |

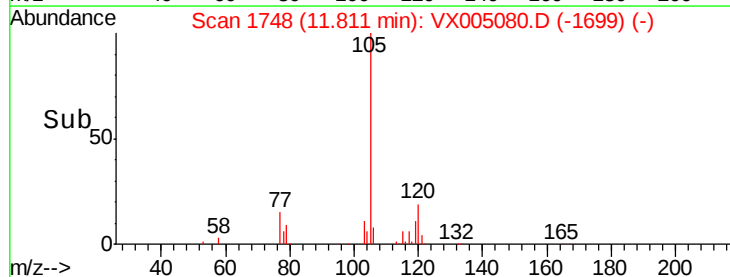
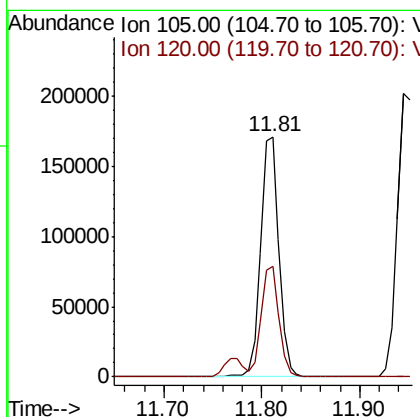
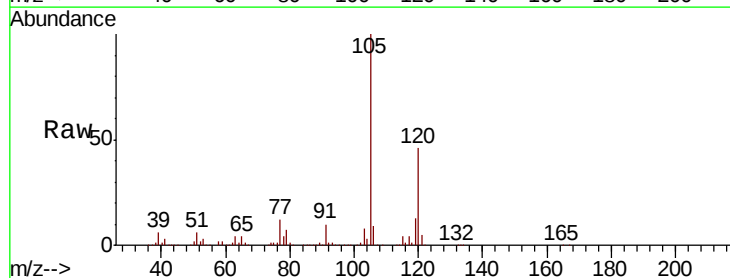
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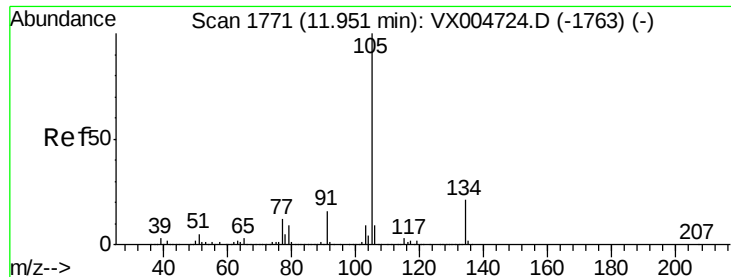
MMDadoda  
 10/8/2018 2:02:41 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.579 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 220390 |       |       |
| 120     | 45.0  |        | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 21.547 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampled :

VX1005WBSD01

Tot Ion:105 Resp: 255763

Ion Ratio Lower Upper

105 100

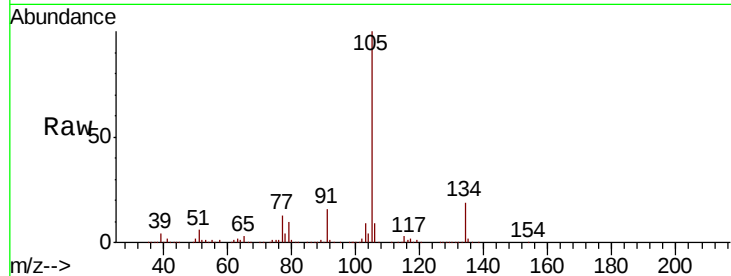
134 20.1 10.2 30.4

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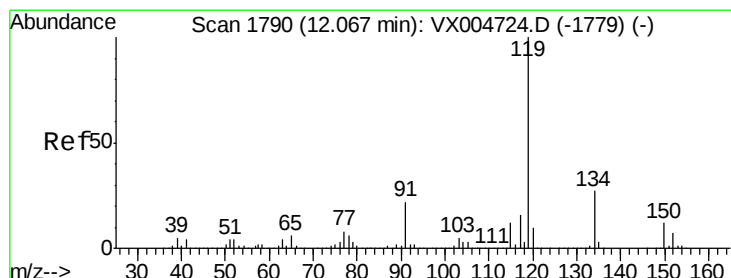
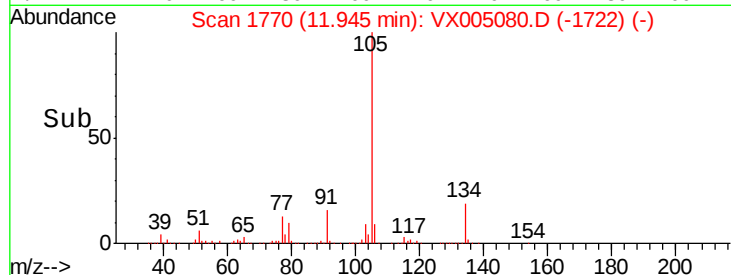
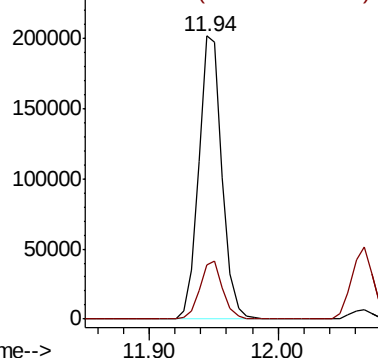
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.921 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

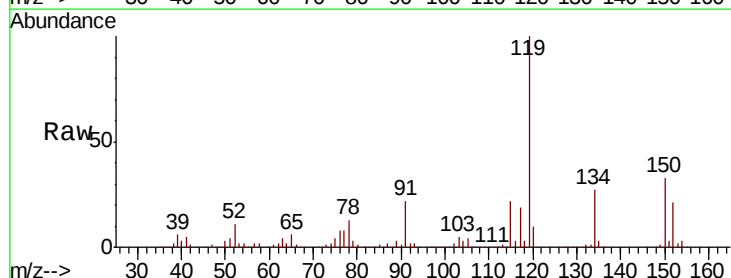
Tgt Ion:119 Resp: 224991

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

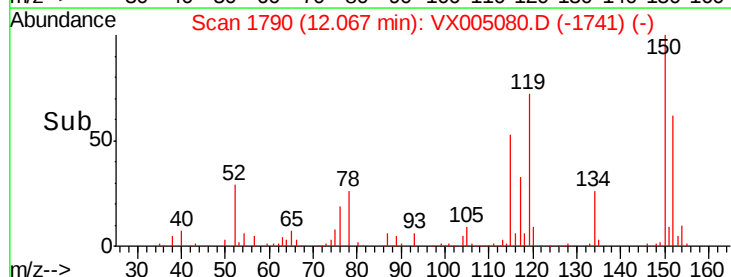
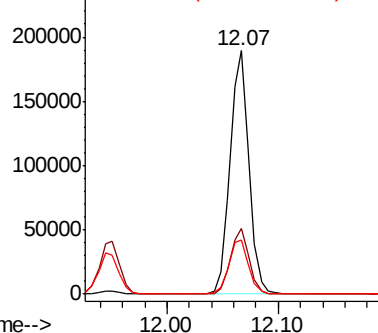
91 23.0 11.5 34.4

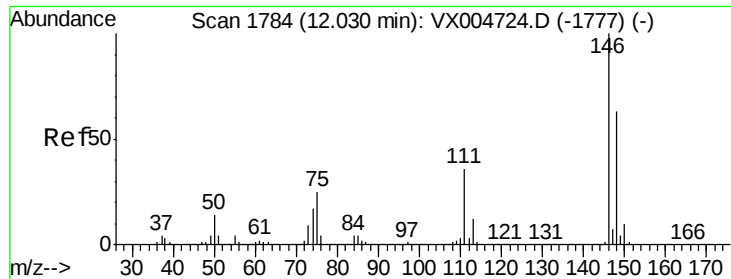


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.542 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

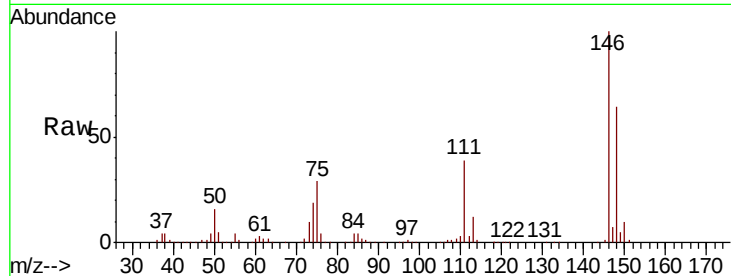
ClientSampleId :

VX1005WBSD01

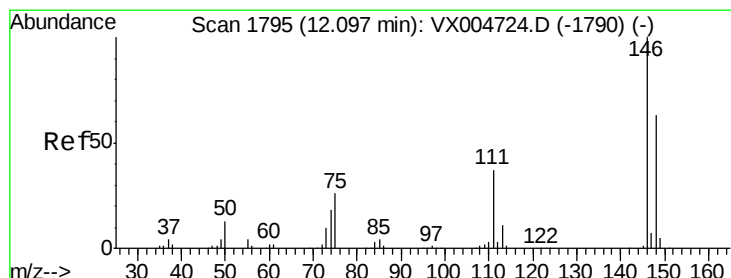
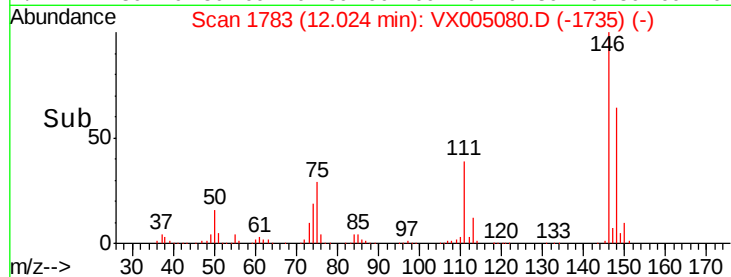
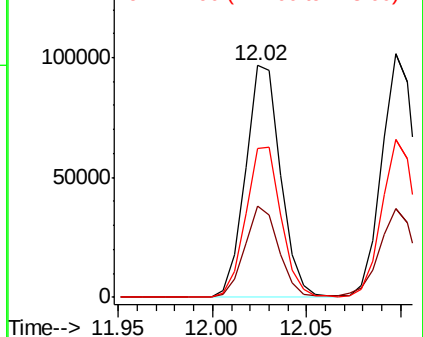
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 125448 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.0  | 18.9  | 56.9   |
| 148       | 65.4  | 31.8  | 95.3   |

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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.414 ug/l

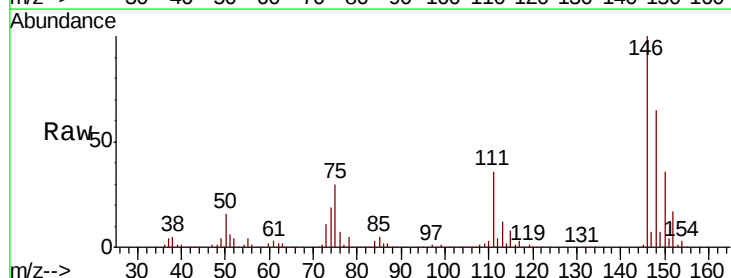
RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

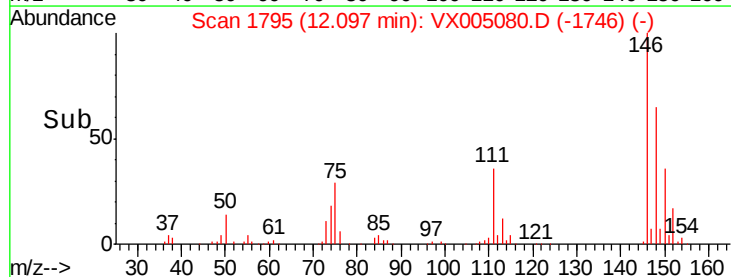
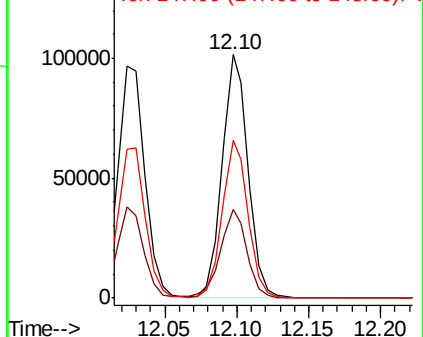
Lab File: VX005080.D

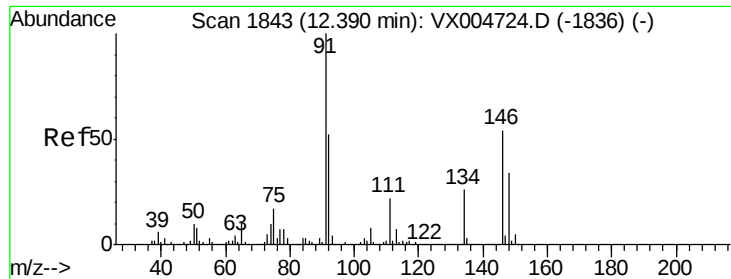
Acq: 05 Oct 2018 21:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 128652 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.4  | 18.4  | 55.2   |
| 148       | 64.8  | 32.0  | 96.0   |



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.157 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1005WBSD01

Tot Ion: 91 Resp: 196868

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

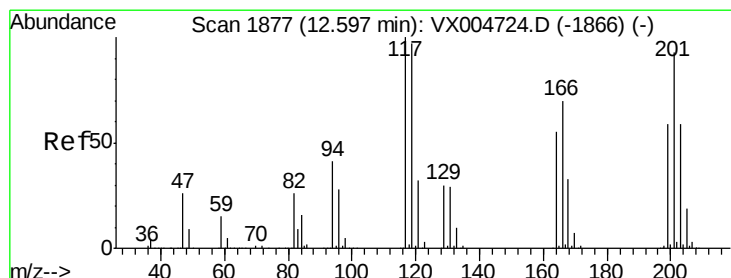
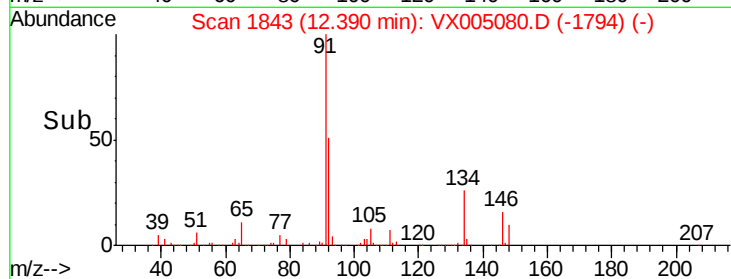
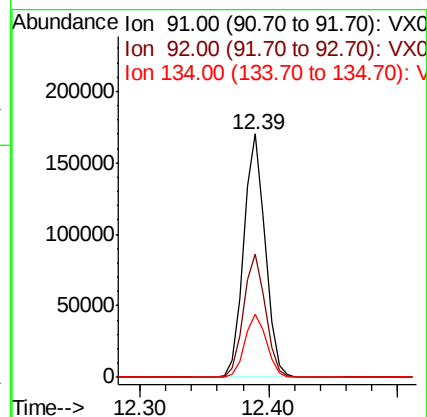
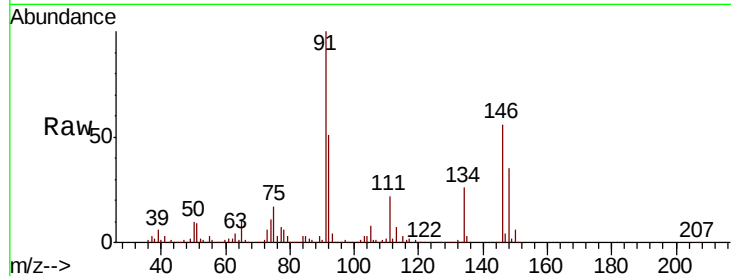
134 26.2 13.2 39.6

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#90

Hexachloroethane

Concen: 18.900 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005080.D

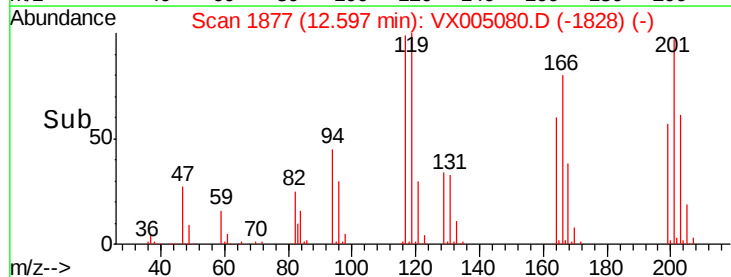
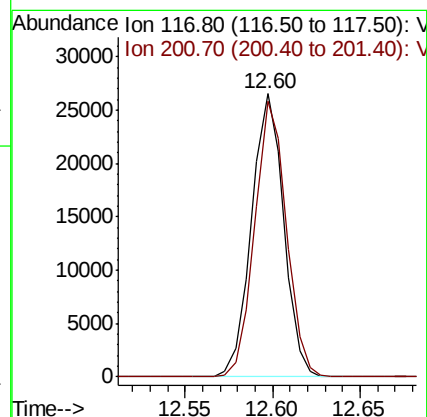
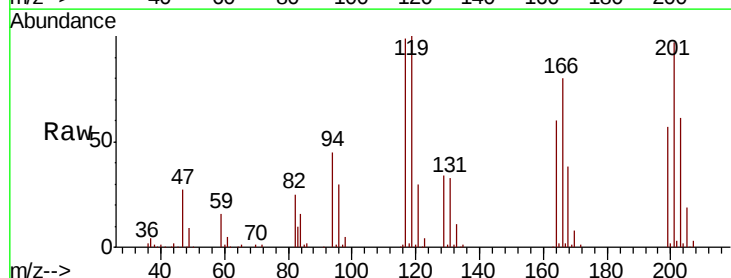
Acq: 05 Oct 2018 21:31

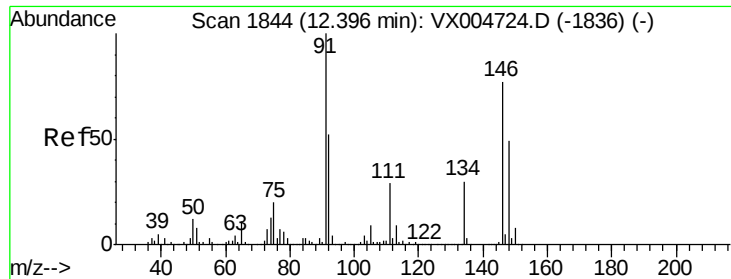
Tgt Ion: 117 Resp: 33842

Ion Ratio Lower Upper

117 100

201 95.7 48.4 145.0





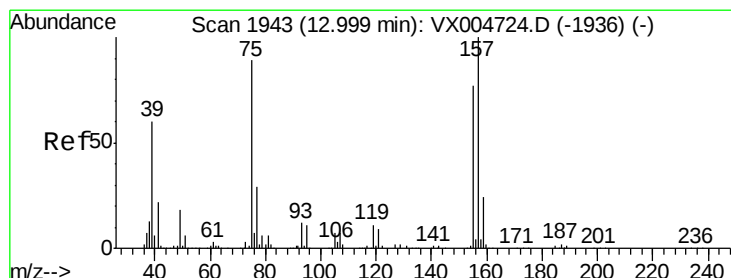
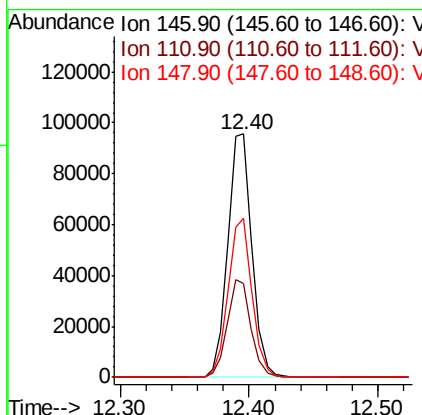
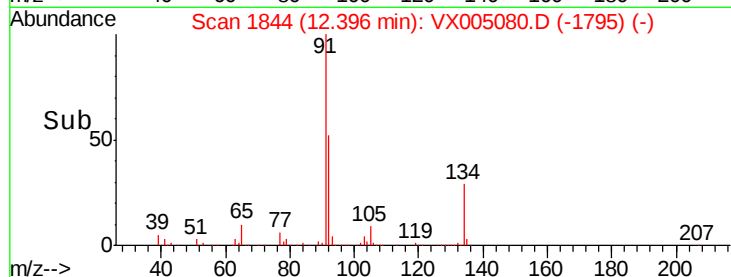
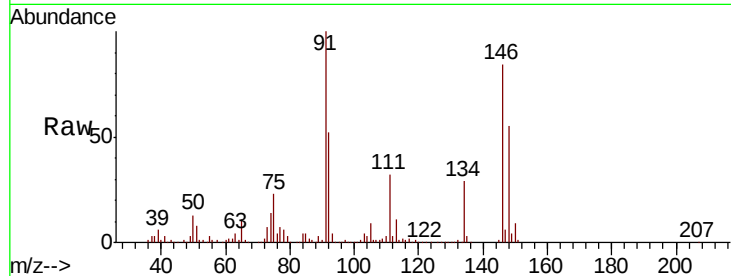
#91  
 1,2-Dichlorobenzene  
 Concen: 18.823 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.6  | 58.7  |
| 148     | 64.5  | 31.8  | 95.4  |

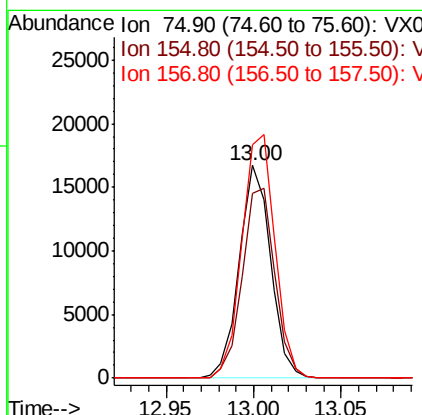
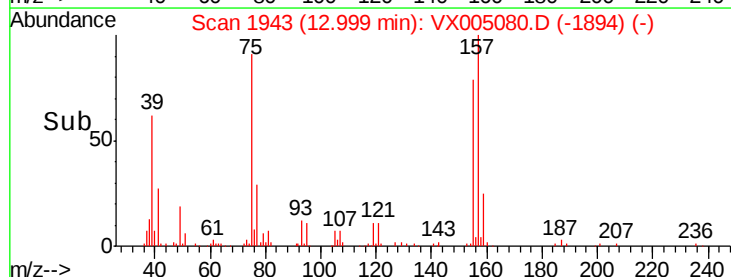
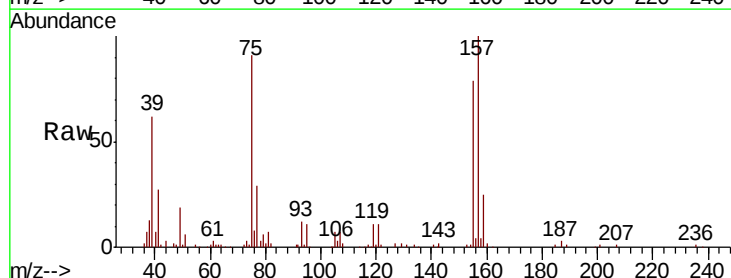
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.775 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX005080.D  
 Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.5  | 46.1  | 138.3 |
| 157     | 119.9 | 60.2  | 180.6 |





#93

1,2,4-Trichlorobenzene

Concen: 19.636 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX005080.D

Acq: 05 Oct 2018 21:31

Instrument :

MSVOA\_X

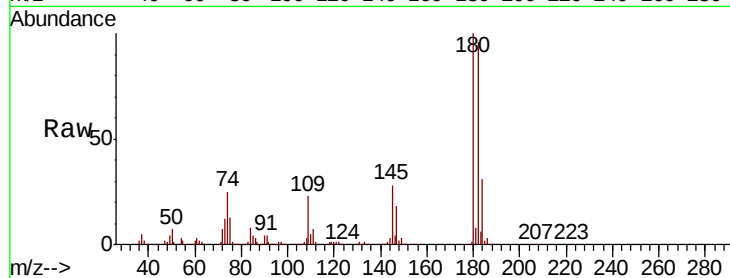
ClientSampleId :

VX1005WBSD01

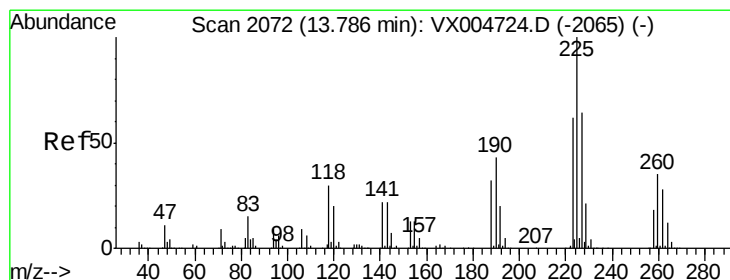
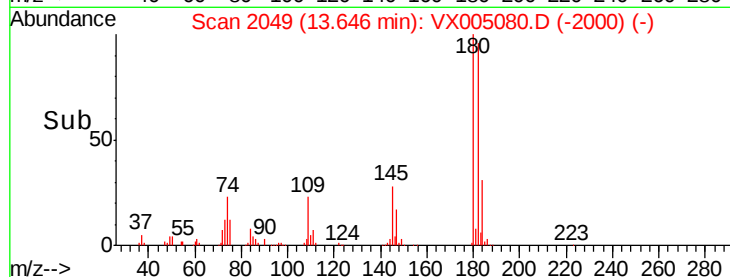
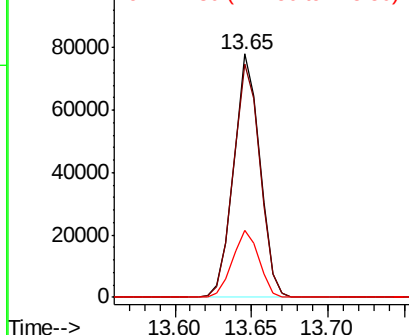
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 92407 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.8  | 47.8  | 143.4 |
| 145       | 27.9  | 14.1  | 42.4  |

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Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.353 ug/l

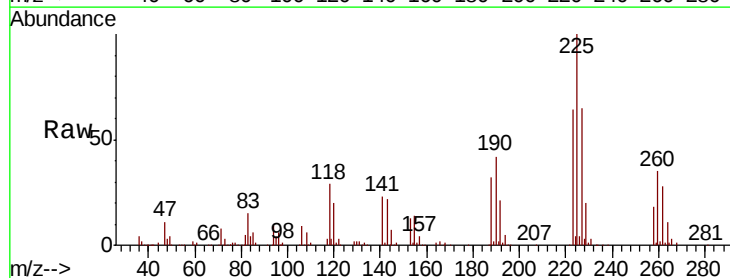
RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

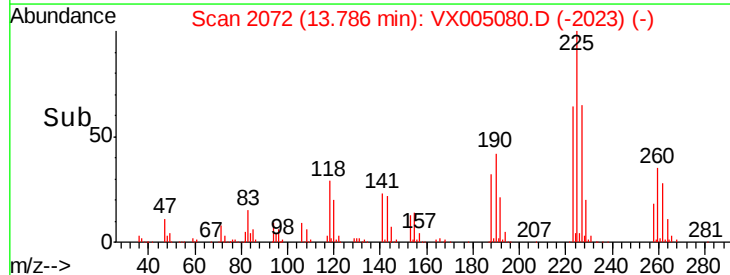
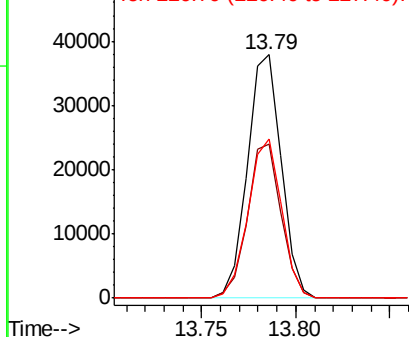
Lab File: VX005080.D

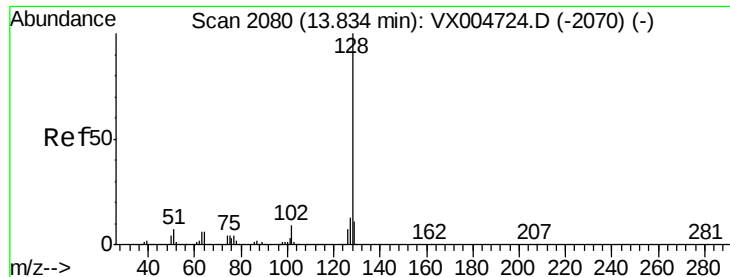
Acq: 05 Oct 2018 21:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 47229 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.1  | 31.3  | 93.8  |
| 227       | 64.5  | 31.9  | 95.5  |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V





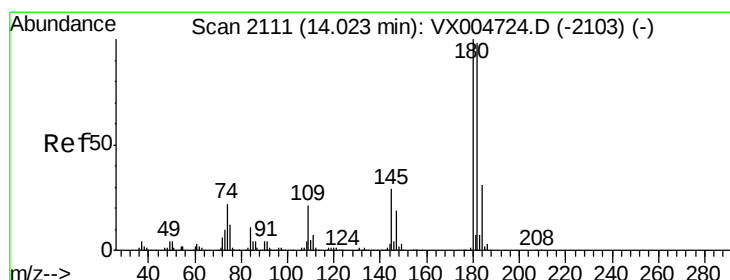
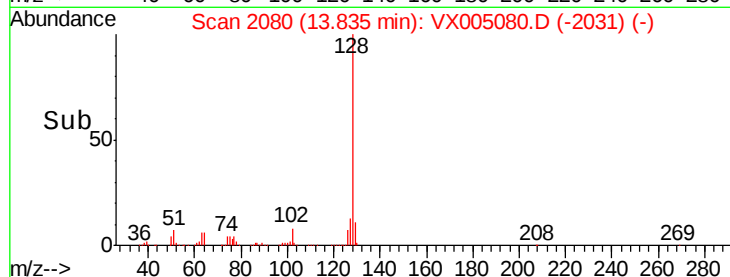
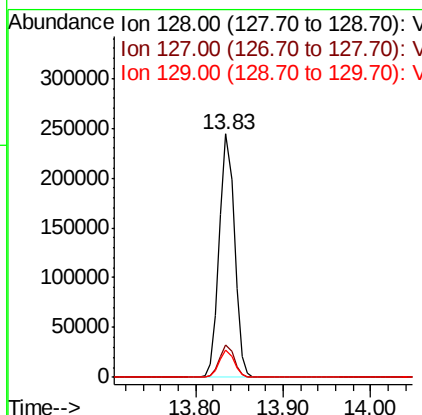
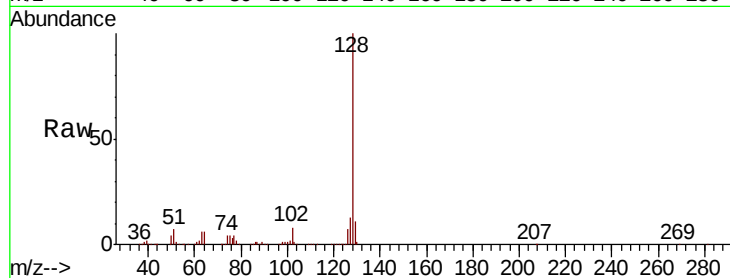
#95  
Naphthalene  
Concen: 19.173 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 11.0  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.992 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX005080.D  
Acq: 05 Oct 2018 21:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 47.9  | 143.8 |
| 145     | 30.4  | 15.0  | 45.0  |

