

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\  
 Data File : VX006770.D  
 Acq On : 22 Dec 2018 14:23  
 Operator : JC/MD  
 Sample : VX1222WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 12/24/2018 11:47:39 AM

Quant Time: Dec 24 05:00:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 549780   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 841964   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 764684   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 387422   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 300260   | 50.67 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.34% |          |
| 35) Dibromofluoromethane    | 5.51   | 113  | 264975   | 49.77 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.54%  |          |
| 50) Toluene-d8              | 8.71   | 98   | 1002131  | 49.92 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.84%  |          |
| 62) 4-Bromofluorobenzene    | 11.13  | 95   | 360607   | 49.05 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.10%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 91239    | 18.141  | ug/l  | 99     |
| 3) Chloromethane              | 1.33 | 50   | 97722    | 18.035  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.41 | 62   | 106530   | 18.824  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 106097   | 18.898  | ug/l  | 100    |
| 6) Chloroethane               | 1.72 | 64   | 68041    | 17.364  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 171562   | 19.445  | ug/l  | 94     |
| 8) Diethyl Ether              | 2.19 | 74   | 67877    | 19.369  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 100668   | 19.432  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 139708   | 18.840  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 132792   | 100.420 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.38 | 96   | 91856    | 18.700  | ug/l  | 95     |
| 13) Acrolein                  | 2.29 | 56   | 87070    | 97.604  | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 155358   | 18.790  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.15 | 53   | 303561   | 103.391 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 250059   | 91.857  | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 196094   | 15.085  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 176195   | 22.011  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 331948   | 20.361  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 108593   | 19.291  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 100274   | 18.424  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.87 | 45   | 304430   | 20.126  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1205119  | 97.400  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 169546   | 18.776  | ug/l  | 99     |
| 25) 2-Butanone                | 4.70 | 43   | 387191   | 101.115 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 108251   | 15.520  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 117787   | 19.615  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 81635    | 20.348  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 261653   | 103.747 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 183541   | 19.629  | ug/l  | 96     |
| 31) Cyclohexane               | 5.57 | 56   | 152371   | 18.574  | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 147330   | 18.660  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 133086   | 19.085  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.85 | 43   | 146827   | 20.230  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 121016   | 17.857  | ug/l  | 95     |

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 Data File : VX006770.D  
 Acq On : 22 Dec 2018 14:23  
 Operator : JC/MD  
 Sample : VX1222WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 12/24/2018 11:47:39 AM

Quant Time: Dec 24 05:00:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 169277   | 18.438  | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 418043   | 19.722  | ug/l  | 97       |
| 41) Methacrylonitrile          | 5.06  | 41   | 81876    | 21.248  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 141148   | 19.542  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 218744   | 19.808  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 118832   | 18.522  | ug/l  | 94       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 104795   | 20.316  | ug/l  | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 73088    | 19.263  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 116839   | 18.548  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 116986   | 20.831  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 59658    | 393.962 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 750770   | 106.847 | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 271881   | 19.854  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 116159   | 17.194  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 134589   | 18.156  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 115092   | 20.533  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 158855   | 20.052  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 179191   | 19.870  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 421656   | 100.127 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 566476   | 105.368 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 95003    | 17.776  | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 117641   | 19.743  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 117000   | 19.322  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 317169   | 19.605  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 98600    | 19.535  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 516655   | 19.544  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 403929   | 38.723  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 201346   | 19.547  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 319019   | 19.576  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 65204    | 17.504  | ug/l  | # 98     |
| 73) Isopropylbenzene           | 11.02 | 105  | 532187   | 20.079  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 200930   | 21.180  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 168211   | 21.340  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 147362m  | 20.467  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 141999   | 19.817  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 584438   | 20.024  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 346769   | 19.606  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 442183   | 20.255  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 31066    | 16.252  | ug/l  | # 80     |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 396938   | 19.565  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 433299   | 19.831  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 441487   | 19.227  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 530643   | 19.809  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 466779   | 19.823  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 252643   | 19.563  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 250261   | 18.904  | ug/l  | 97       |
| 89) n-Butylbenzene             | 12.39 | 91   | 391653   | 19.543  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 58419    | 18.101  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 250906   | 19.422  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 28809    | 17.664  | ug/l  | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122218\  
Data File : VX006770.D  
Acq On : 22 Dec 2018 14:23  
Operator : JC/MD  
Sample : VX1222WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

Manual Integrations  
APPROVED

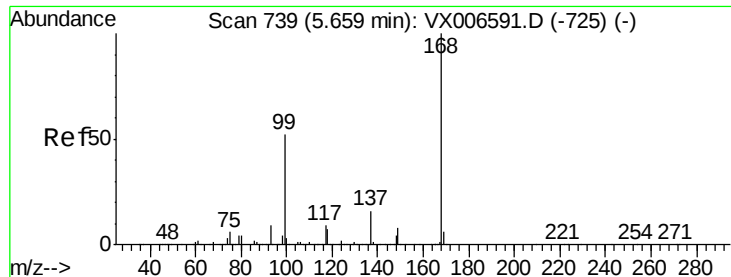
MMDadoda  
12/24/2018 11:47:39 AM

Quant Time: Dec 24 05:00:26 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 19 15:20:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 169397   | 19.010 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 77705    | 18.500 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 545155   | 19.168 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 175073   | 19.028 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion:168 Resp: 549780

Ion Ratio Lower Upper

168 100

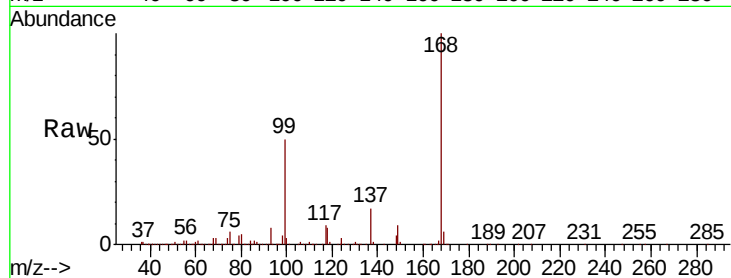
99 50.1 41.8 62.8

Manual Integrations

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12/24/2018 11:47:39 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

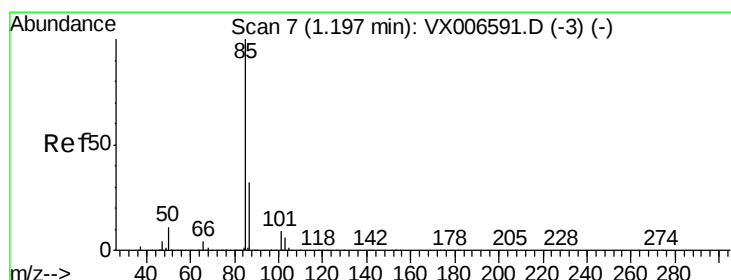
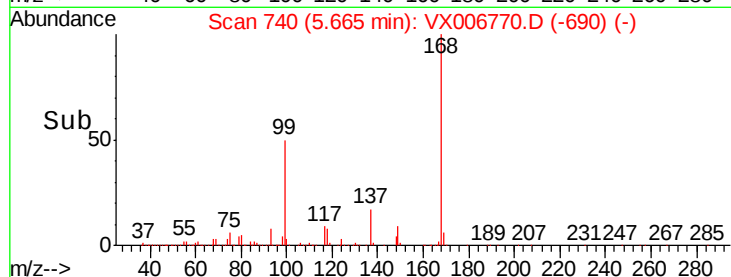
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.141 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006770.D

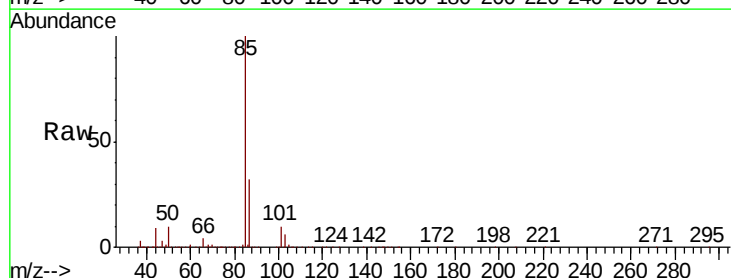
Acq: 22 Dec 2018 14:23

Tgt Ion: 85 Resp: 91239

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

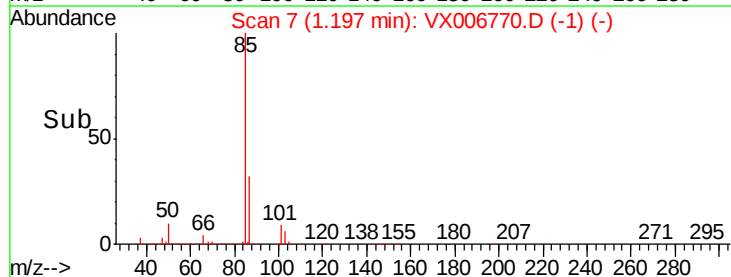
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.035 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 50 Resp: 97722

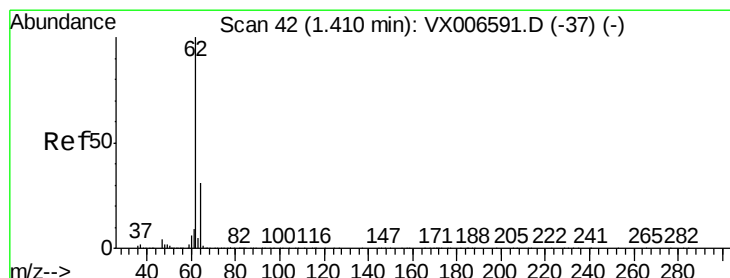
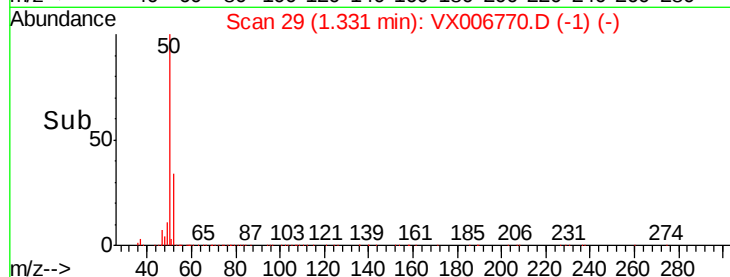
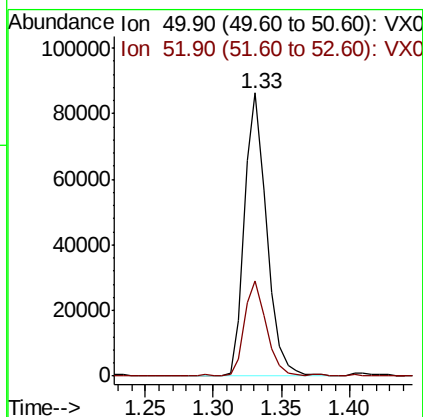
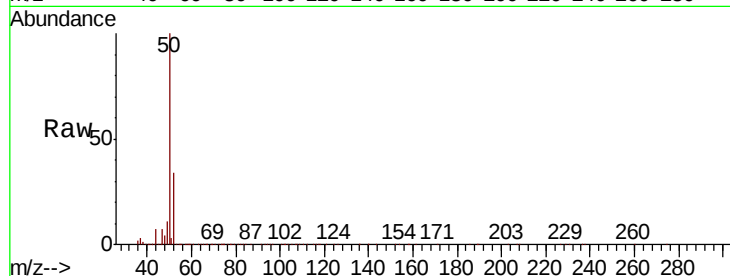
Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.2

Manual Integrations  
APPROVED

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12/24/2018 11:47:39 AM



#4

Vinyl Chloride

Concen: 18.824 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006770.D

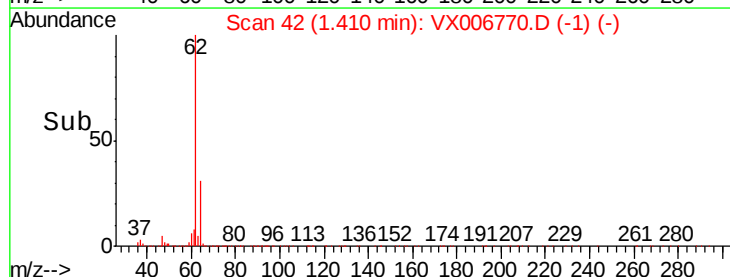
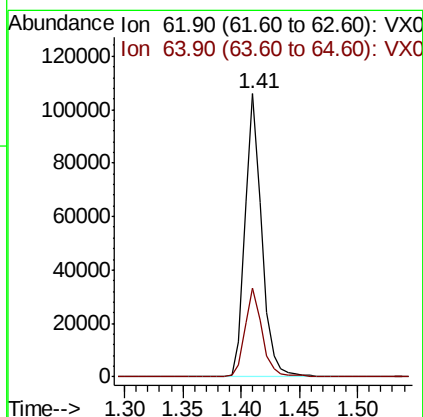
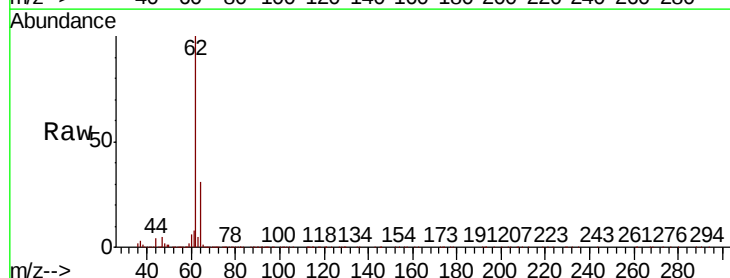
Acq: 22 Dec 2018 14:23

Tgt Ion: 62 Resp: 106530

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7





#5

Bromomethane

Concen: 18.898 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 94 Resp: 106097

Ion Ratio Lower Upper

94 100

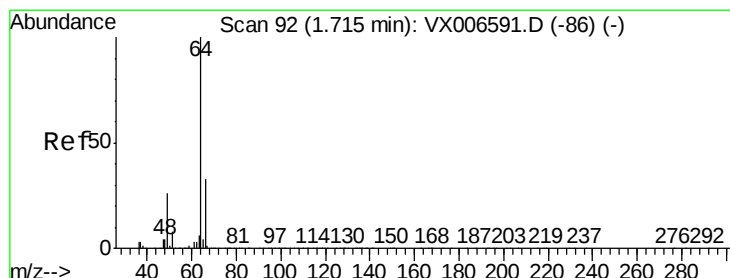
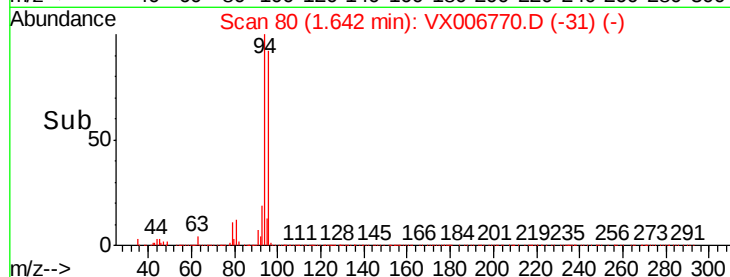
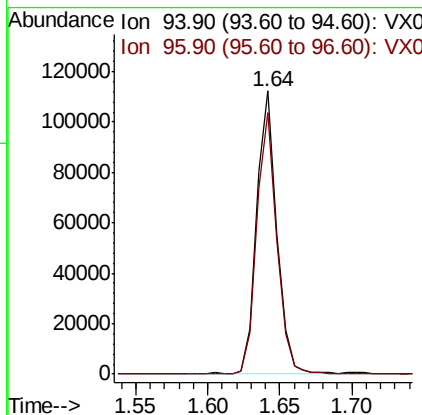
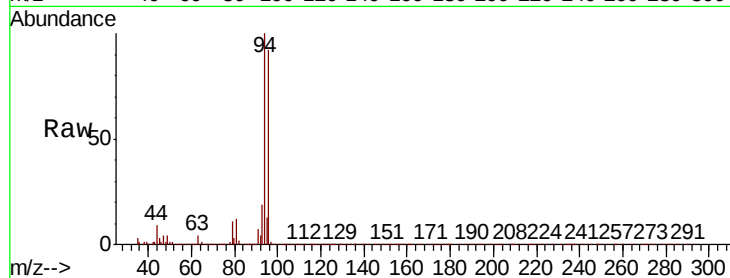
96 92.2 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

12/24/2018 11:47:39 AM



#6

Chloroethane

Concen: 17.364 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006770.D

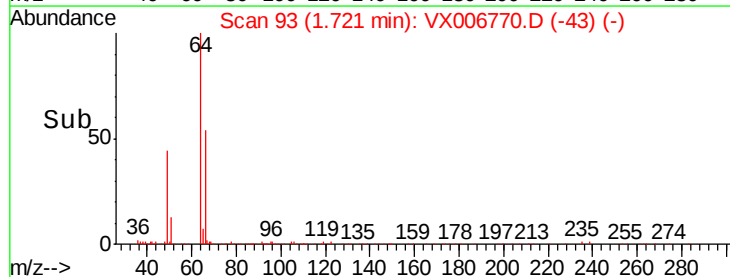
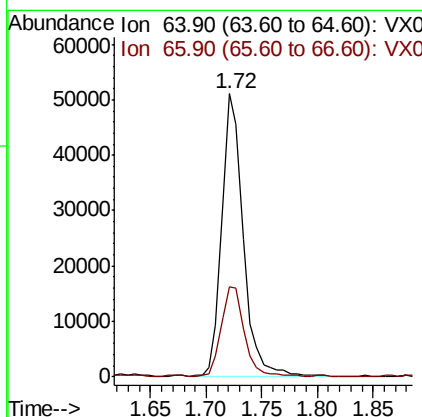
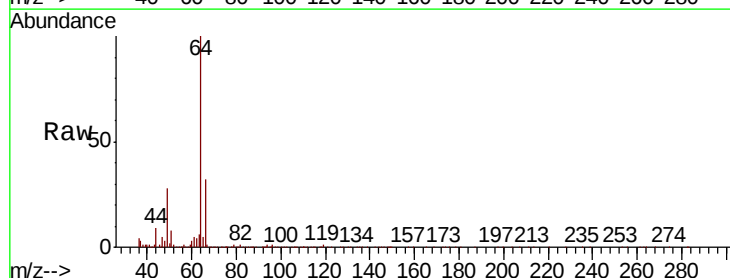
Acq: 22 Dec 2018 14:23

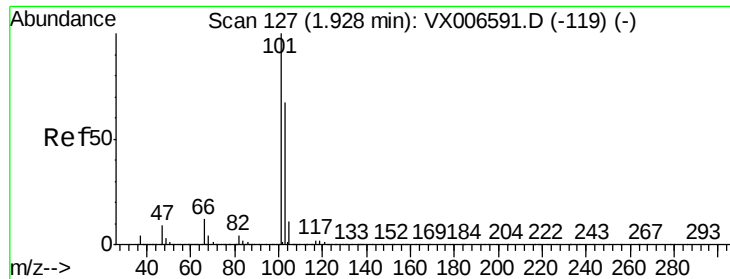
Tgt Ion: 64 Resp: 68041

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

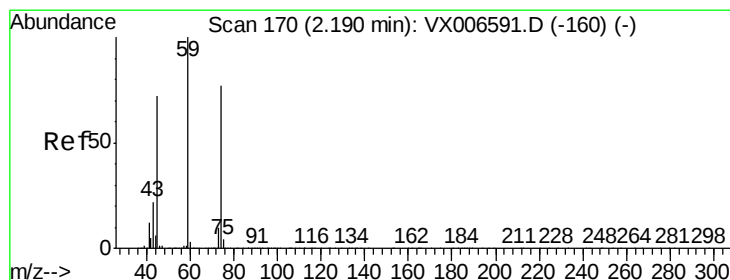
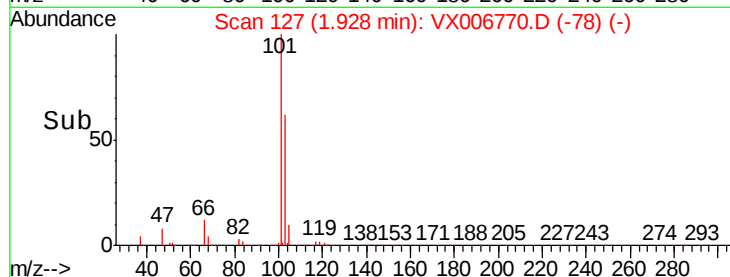
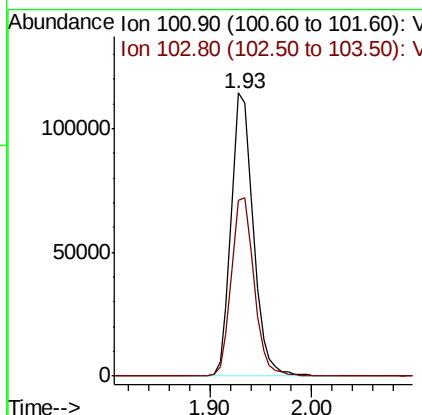
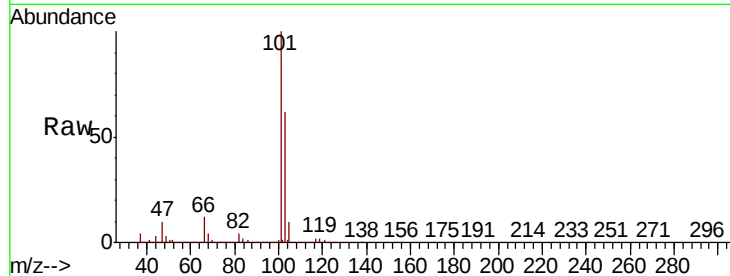
Trichlorofluoromethane  
Concen: 19.445 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.1  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

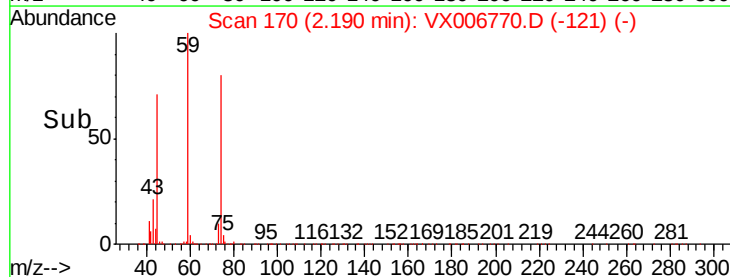
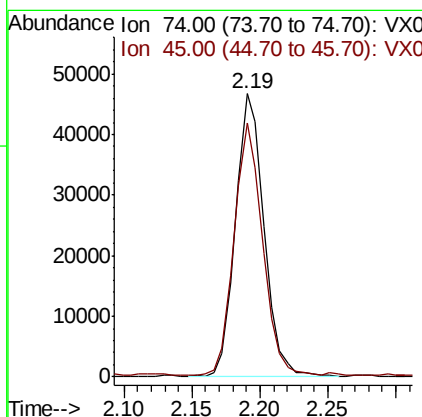
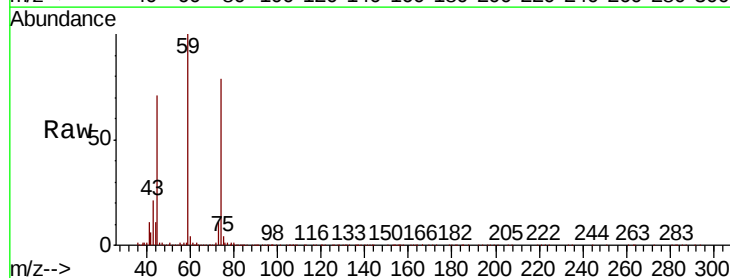
MMDadoda  
12/24/2018 11:47:39 AM

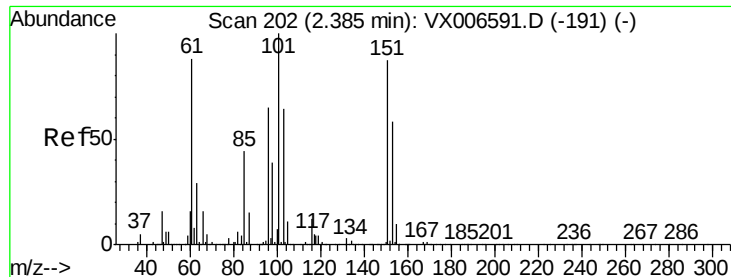


#8

Diethyl Ether  
Concen: 19.369 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 89.5  | 46.3  | 138.9 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.432 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

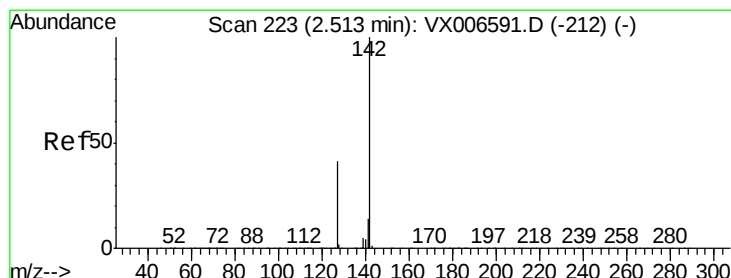
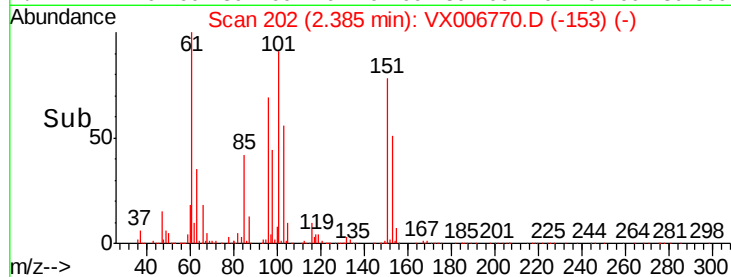
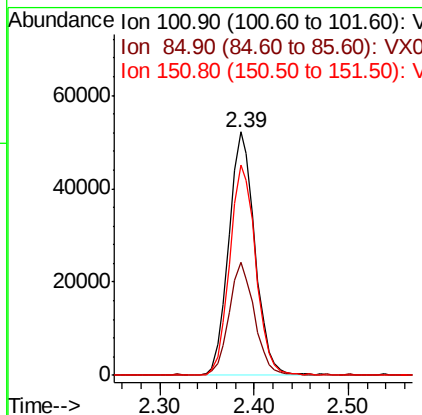
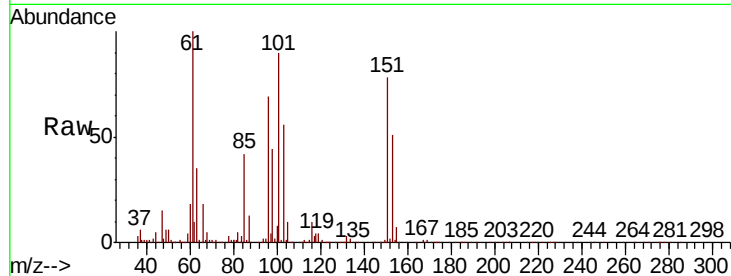
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 100668 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.9  | 35.1  | 52.7   |
| 151       | 86.2  | 68.9  | 103.3  |

Manual Integrations  
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12/24/2018 11:47:39 AM



#10

Methyl Iodide

Concen: 18.840 ug/l

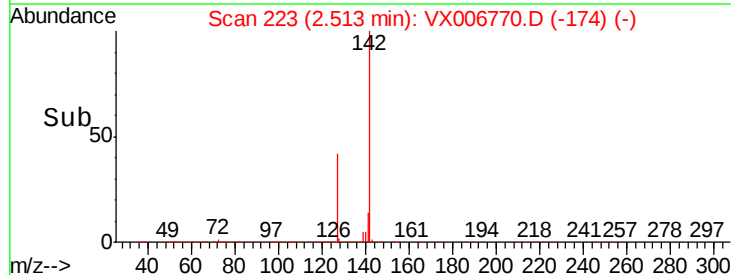
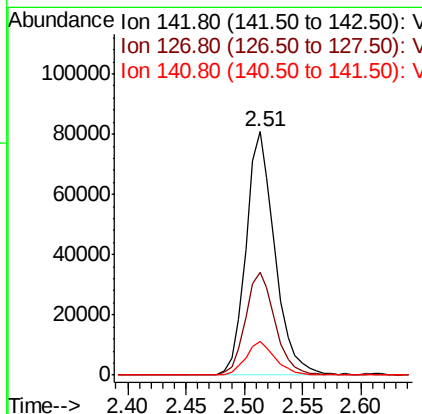
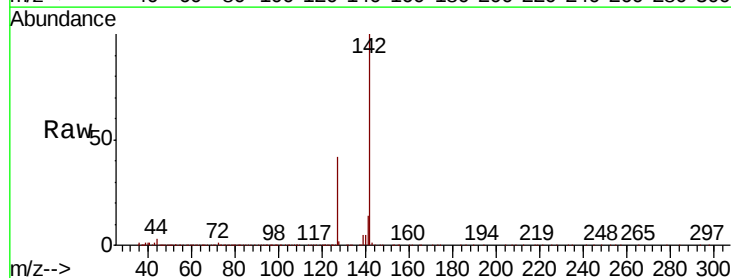
RT: 2.51 min Scan# 223

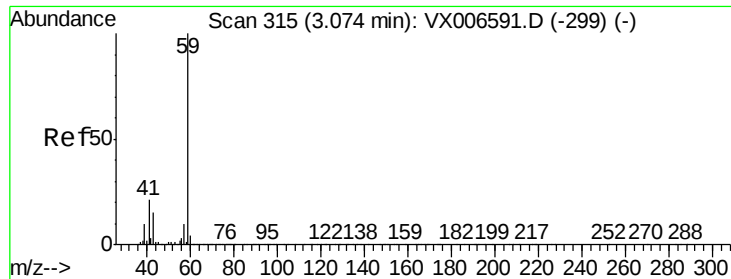
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 139708 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.1  | 33.9  | 50.9   |
| 141       | 14.0  | 11.4  | 17.0   |





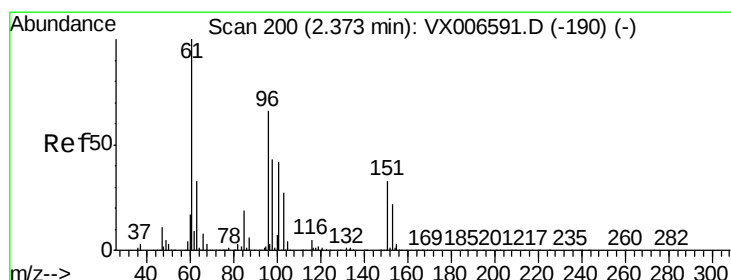
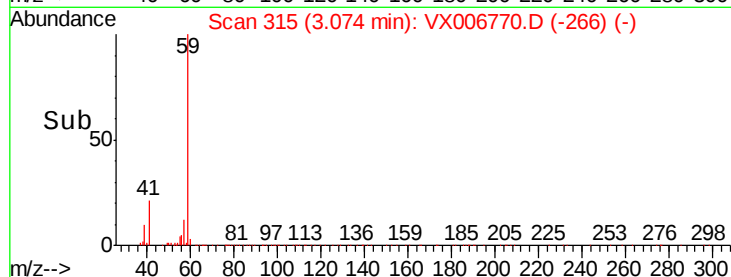
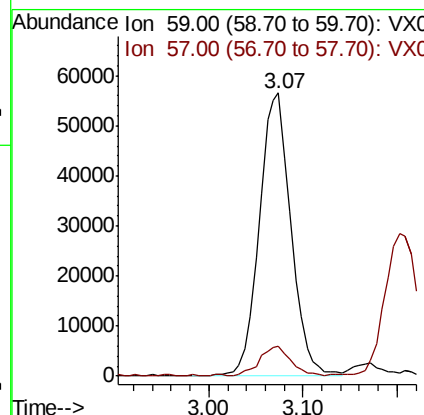
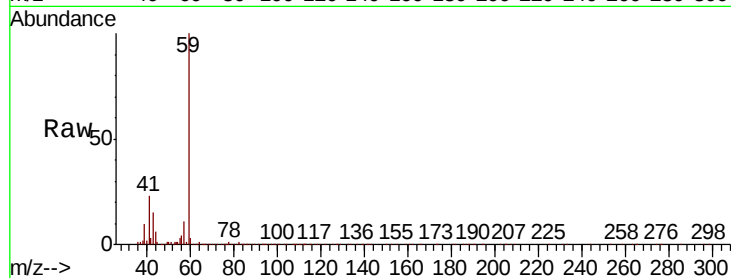
#11  
Tert butyl alcohol  
Concen: 100.420 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

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

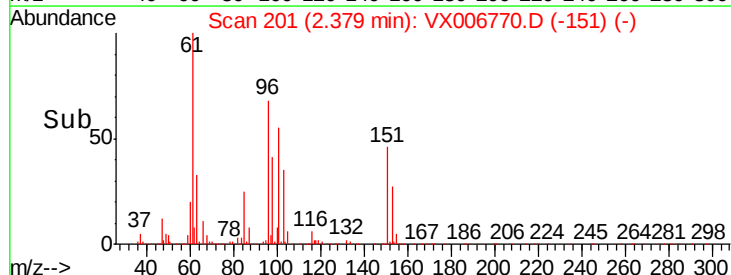
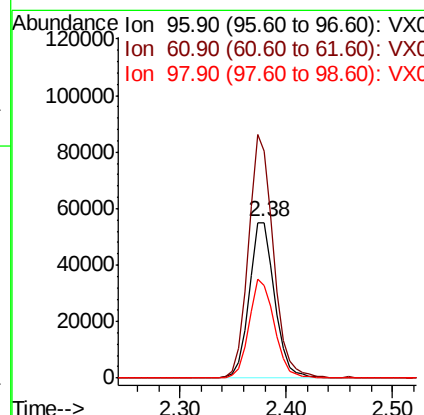
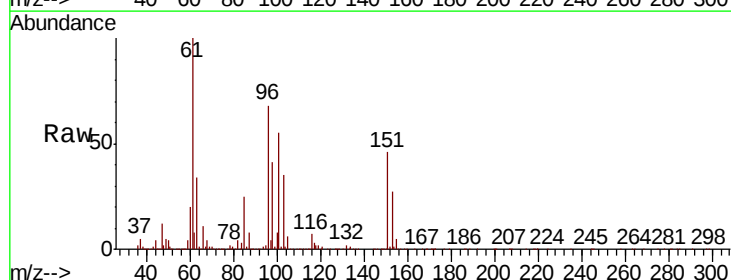
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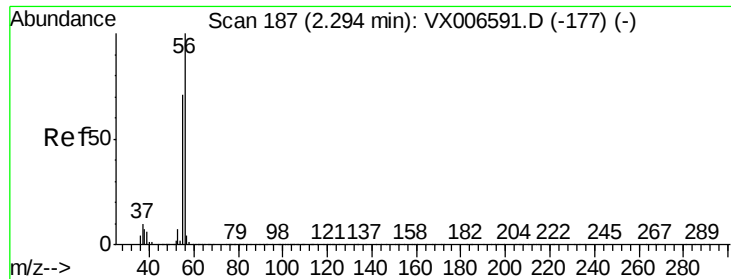
MMDadoda  
12/24/2018 11:47:39 AM



#12  
1,1-Dichloroethene  
Concen: 18.700 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 96      | 96  | 100   |       |       |
| 61      | 61  | 146.1 | 121.4 | 182.2 |
| 98      | 98  | 59.6  | 51.9  | 77.9  |





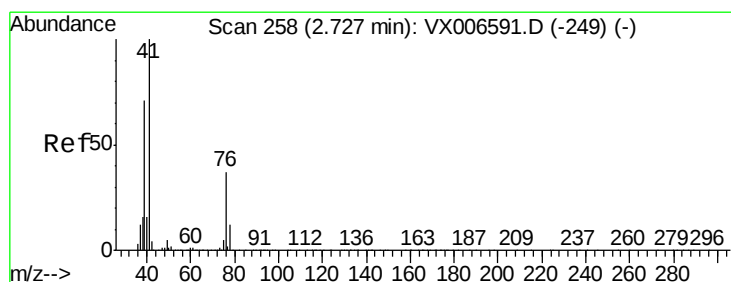
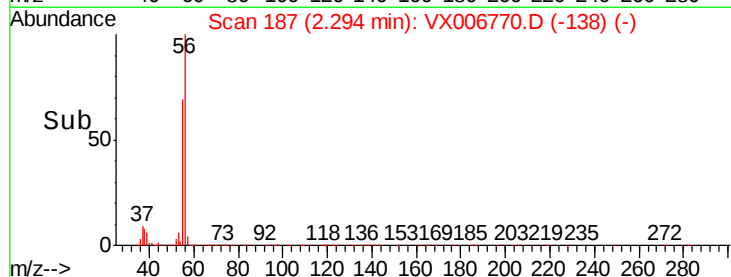
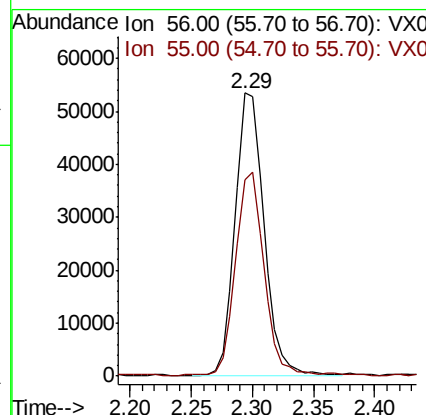
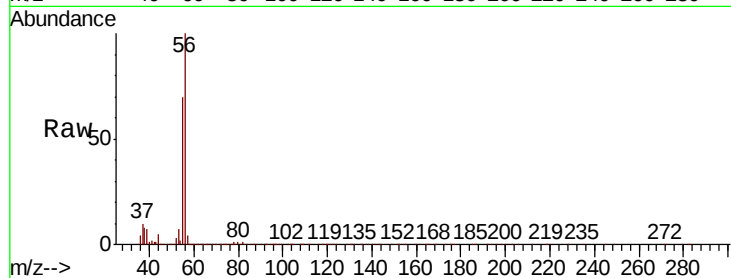
#13  
Acrolein  
Concen: 97.604 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 72.1  | 58.2  | 87.4  |

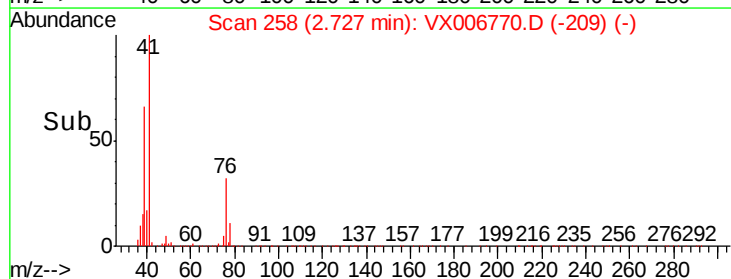
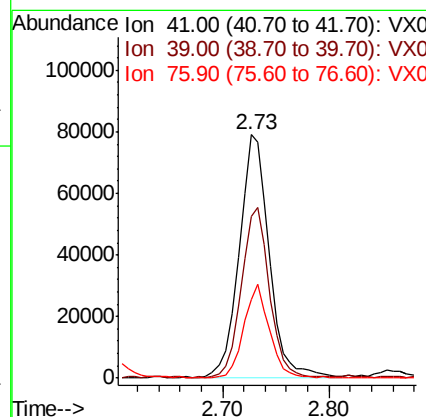
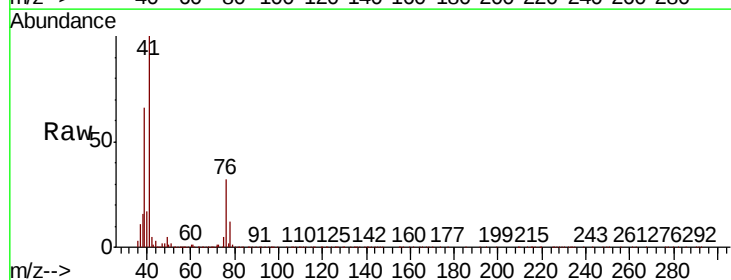
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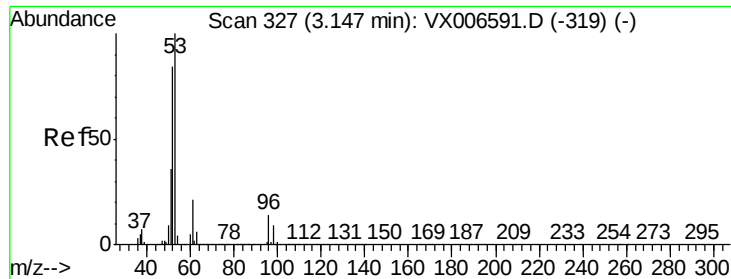
MMDadoda  
12/24/2018 11:47:39 AM



#14  
Allyl chloride  
Concen: 18.790 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 65.0  | 53.6  | 80.4  |
| 76      | 33.1  | 27.4  | 41.2  |





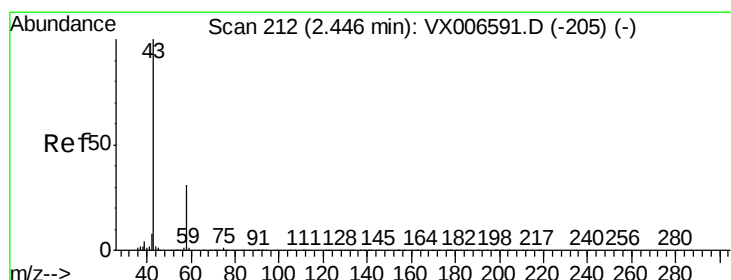
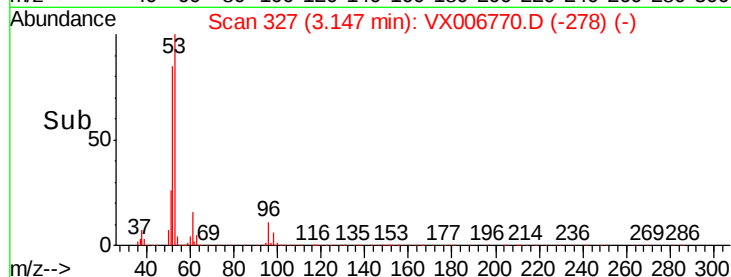
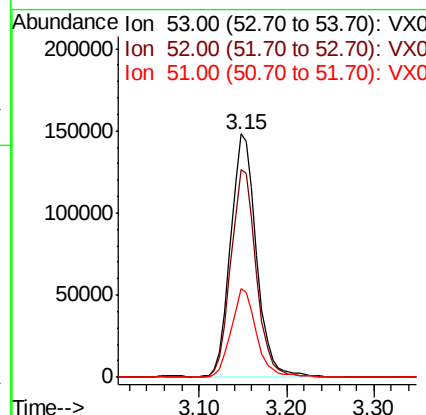
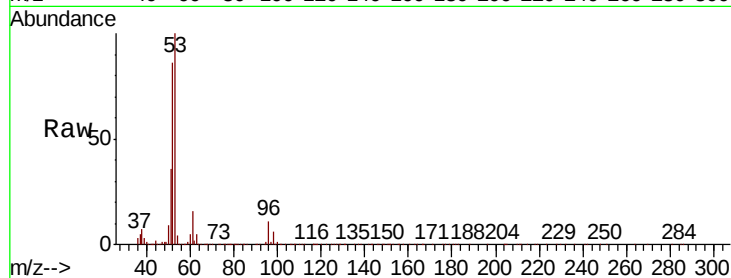
#15  
Acrylonitrile  
Concen: 103.391 ug/l  
RT: 3.15 min Scan# 327  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.7  | 66.0  | 99.0  |
| 51      | 35.6  | 28.6  | 42.8  |

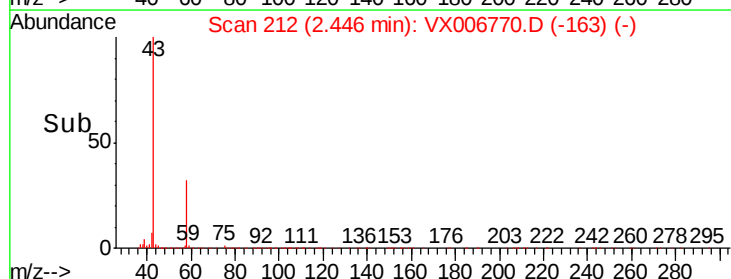
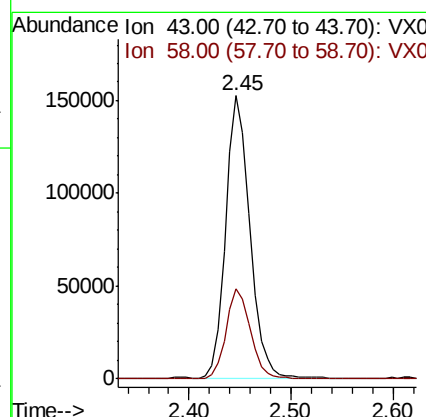
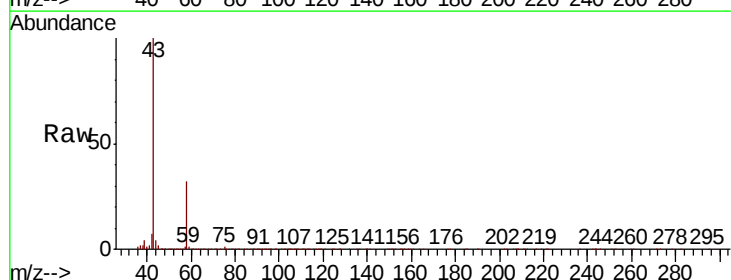
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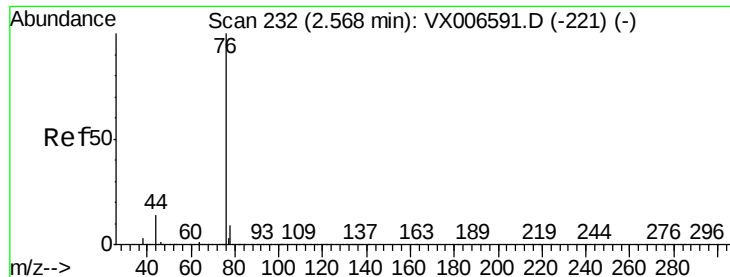
MMDadoda  
12/24/2018 11:47:39 AM



#16  
Acetone  
Concen: 91.857 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.8  | 25.0  | 37.6  |





#17

Carbon Disulfide

Concen: 15.085 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 76 Resp: 196094

Ion Ratio Lower Upper

76 100

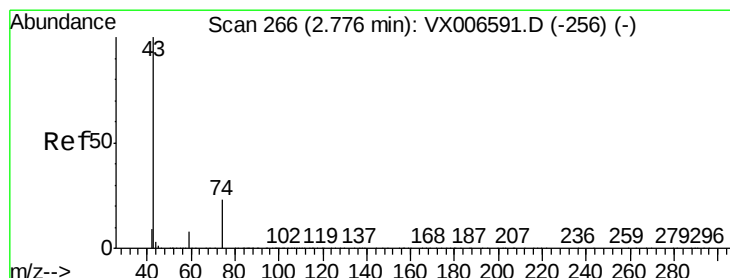
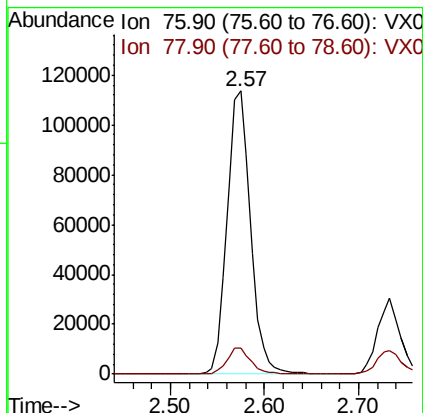
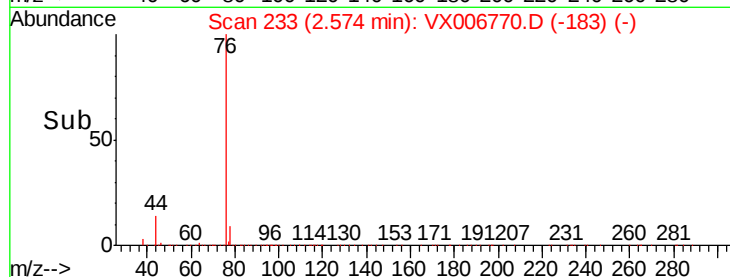
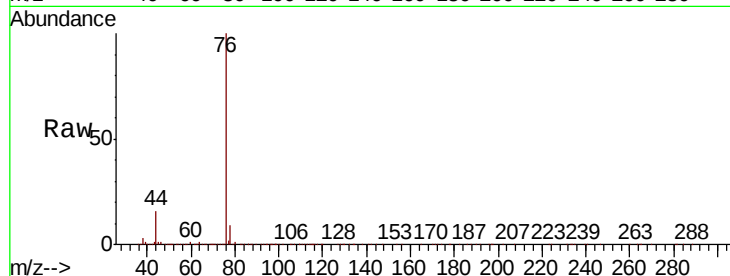
78 8.8 7.0 10.6

Manual Integrations

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MMDadoda

12/24/2018 11:47:39 AM



#18

Methyl Acetate

Concen: 22.011 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006770.D

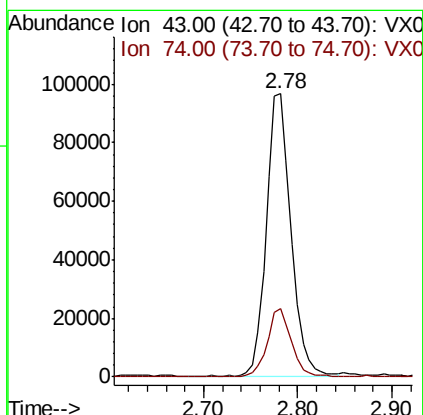
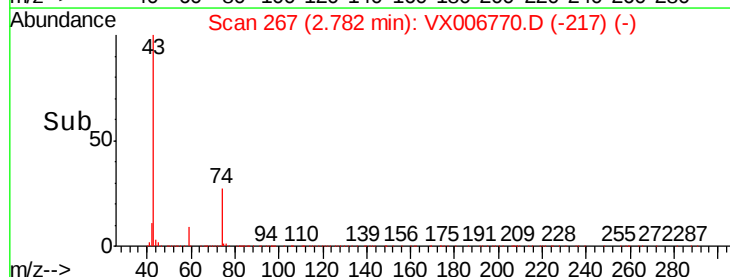
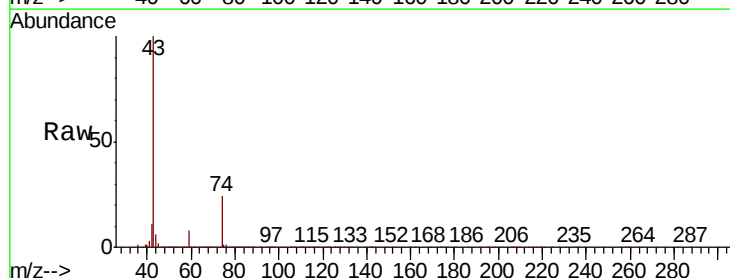
Acq: 22 Dec 2018 14:23

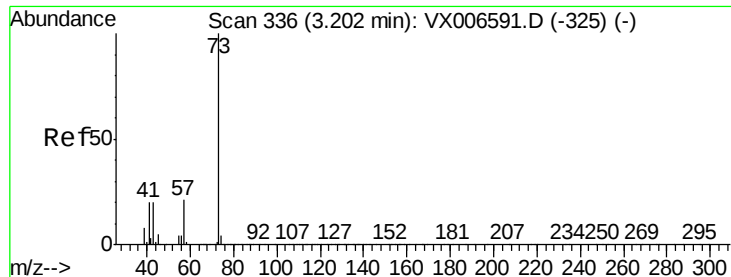
Tgt Ion: 43 Resp: 176195

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0





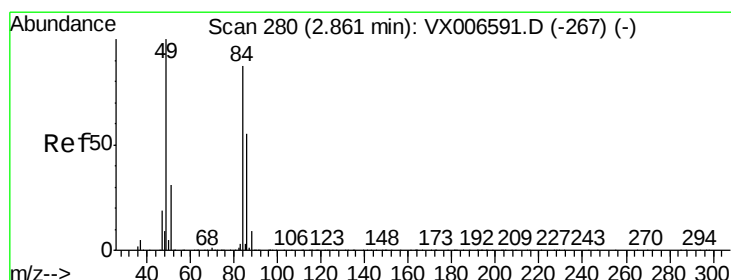
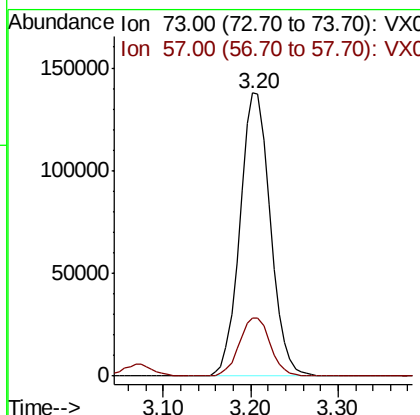
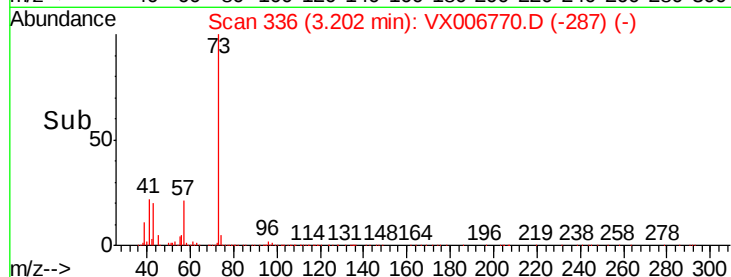
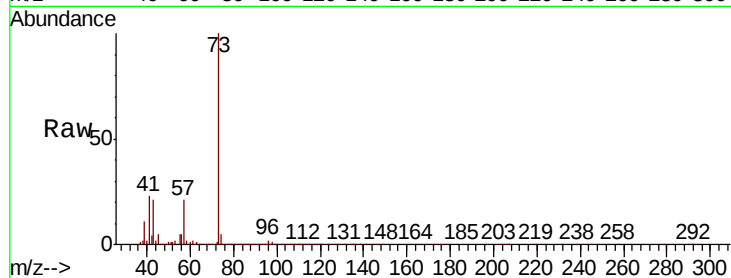
#19  
Methvl tert-butvl Ether  
Concen: 20.361 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.5  | 16.8  | 25.2  |

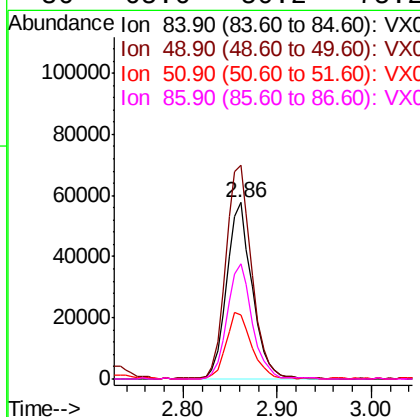
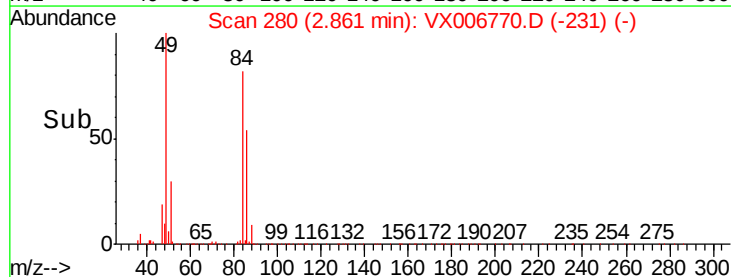
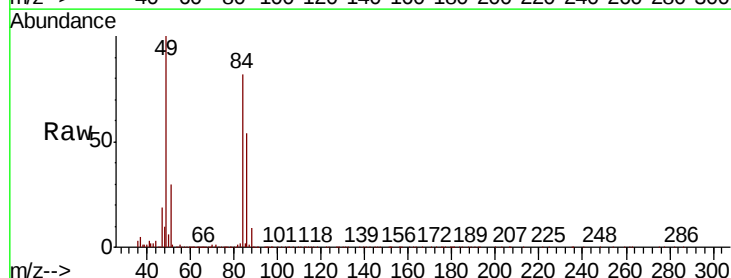
Manual Integrations  
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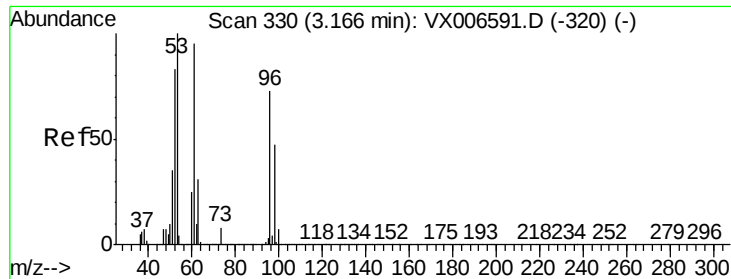
MMDadoda  
12/24/2018 11:47:39 AM



#20  
Methylene Chloride  
Concen: 19.291 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.2 | 91.8  | 137.6 |
| 51      | 36.2  | 28.5  | 42.7  |
| 86      | 65.6  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 18.424 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

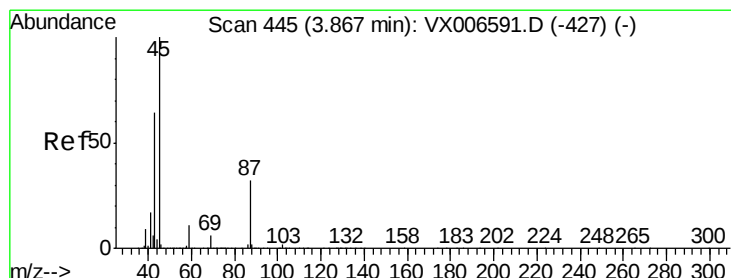
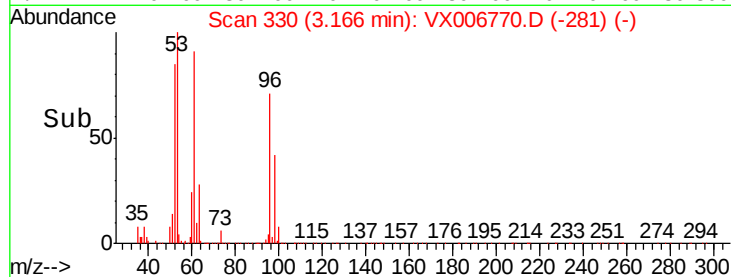
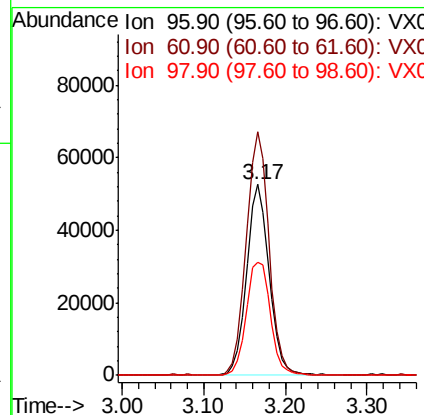
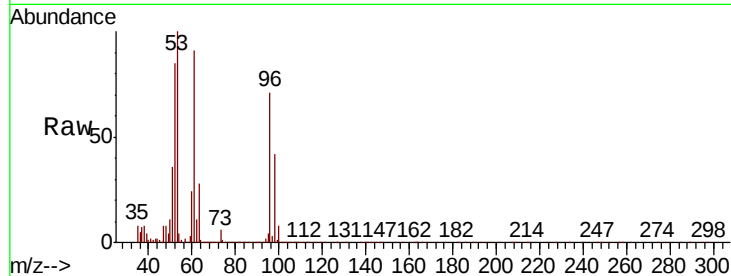
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 100274 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 127.5 | 103.7 | 155.5  |
| 98        | 59.1  | 51.0  | 76.6   |

Manual Integrations  
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MMDadoda  
12/24/2018 11:47:39 AM



#22

Diisopropyl ether

Concen: 20.126 ug/l

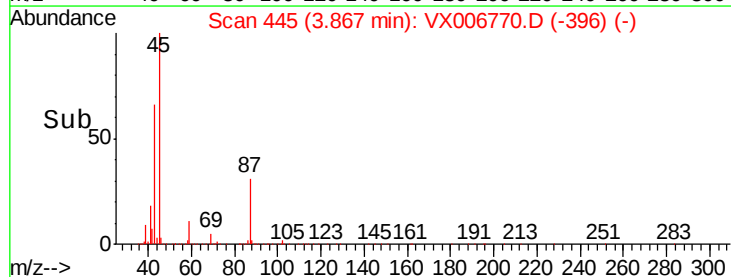
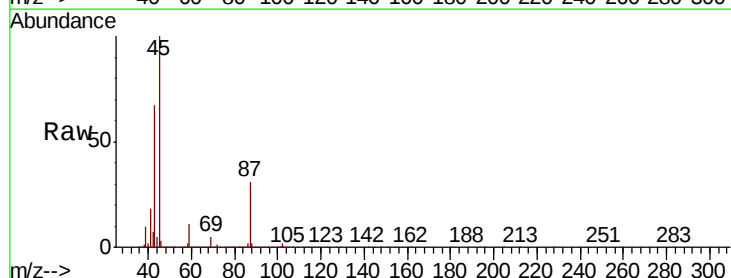
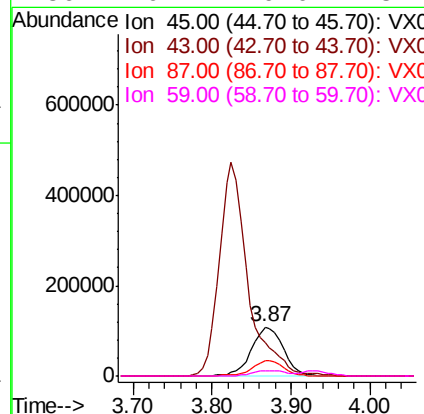
RT: 3.87 min Scan# 445

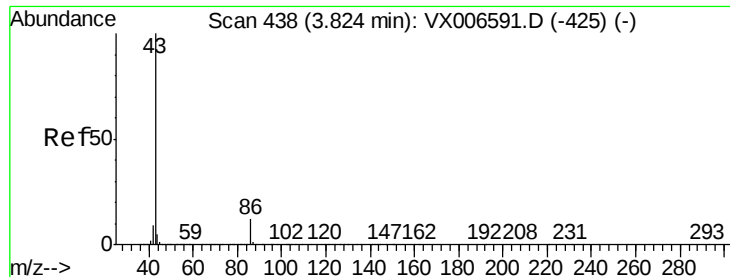
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 304430 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 65.6  | 51.2  | 76.8   |
| 87        | 31.4  | 25.8  | 38.6   |
| 59        | 10.7  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 97.400 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleID :

VX1222WBSD01

Tot Ion: 43 Resp: 1205119

Ion Ratio Lower Upper

43 100

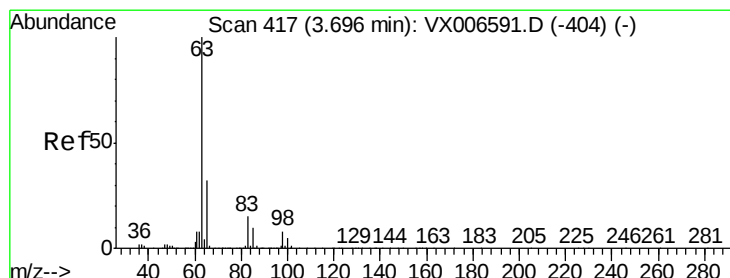
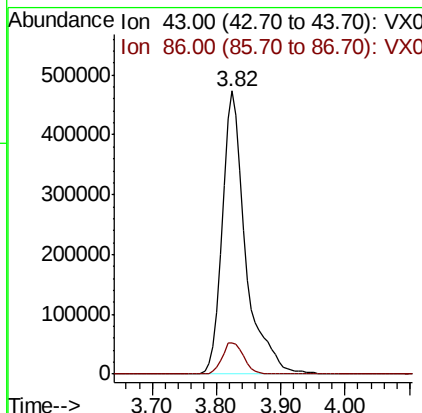
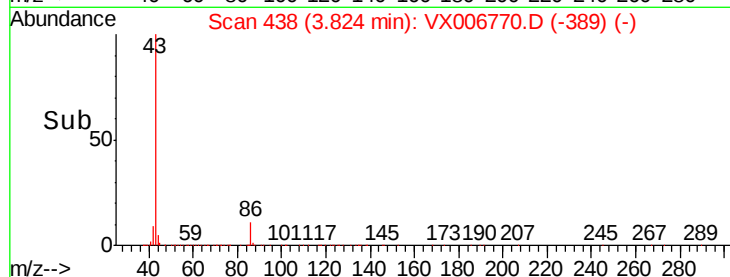
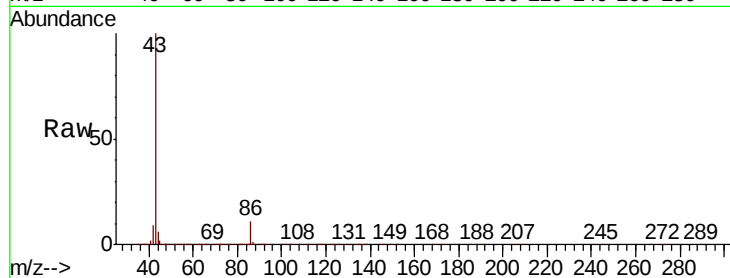
86 11.0 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.776 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

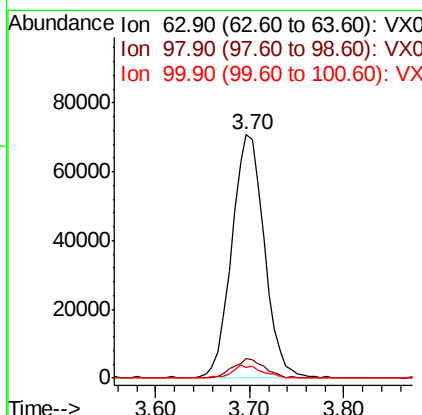
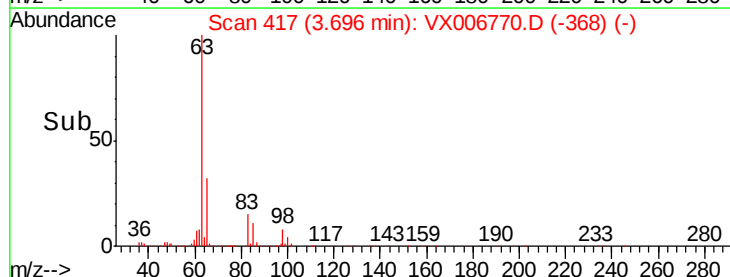
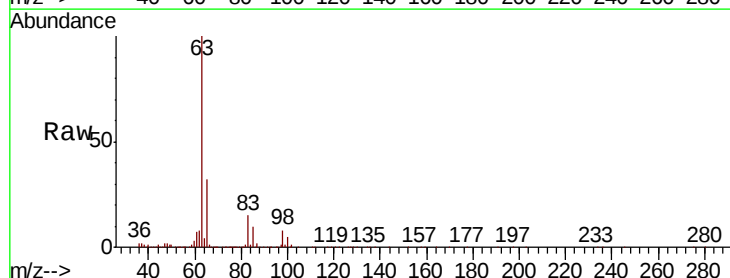
Tgt Ion: 63 Resp: 169546

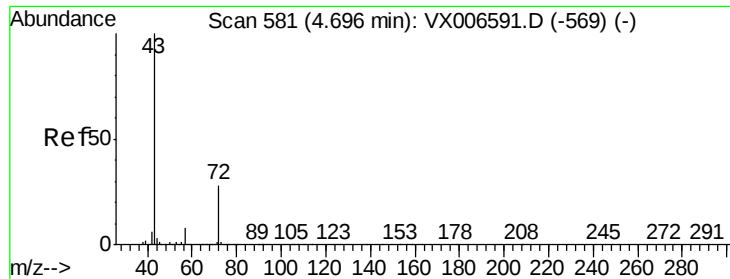
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 101.115 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 43 Resp: 387191

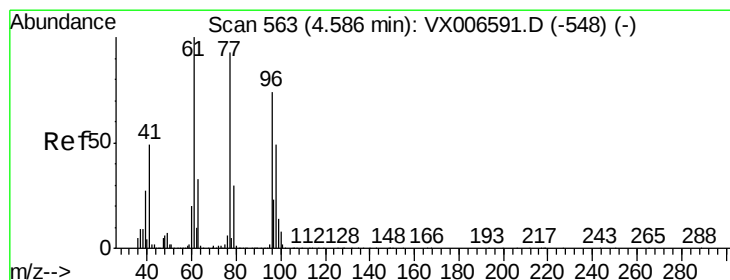
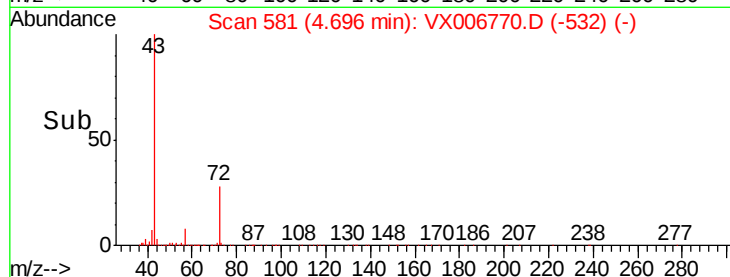
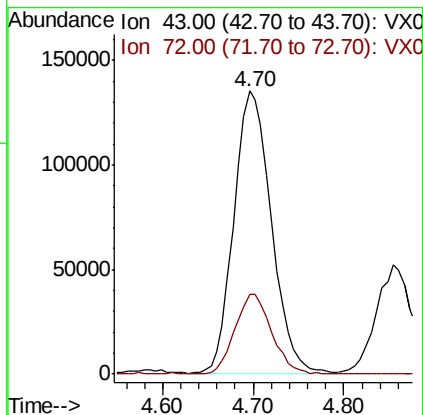
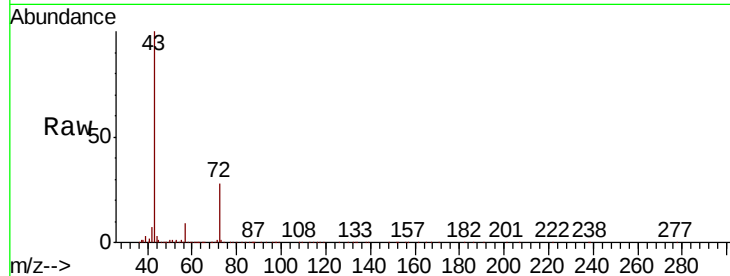
Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 15.520 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006770.D

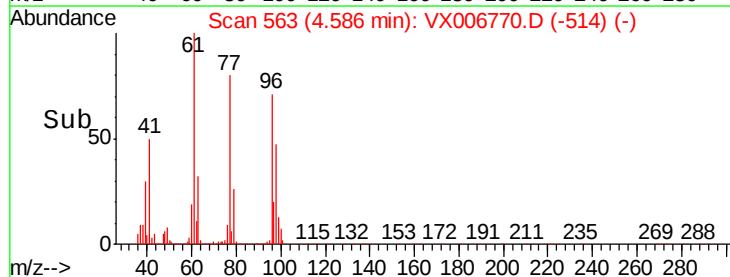
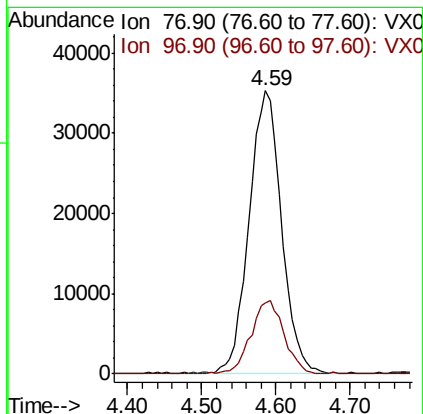
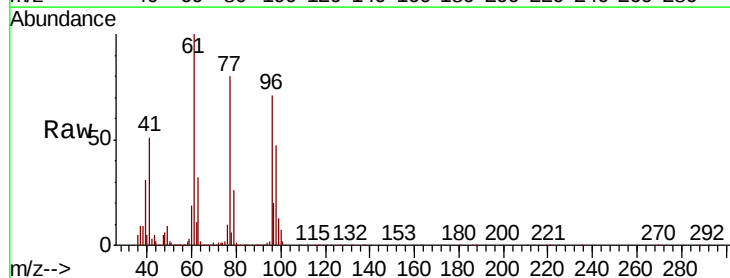
Acq: 22 Dec 2018 14:23

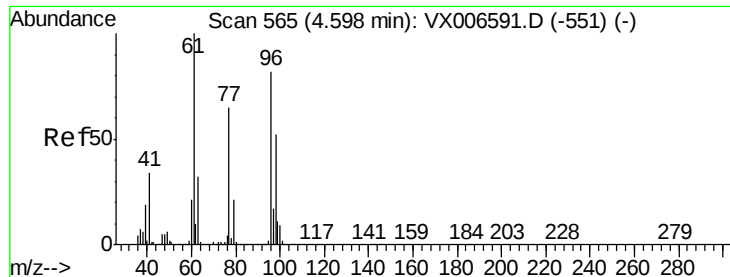
Tgt Ion: 77 Resp: 108251

Ion Ratio Lower Upper

77 100

97 26.4 12.4 37.4





#27

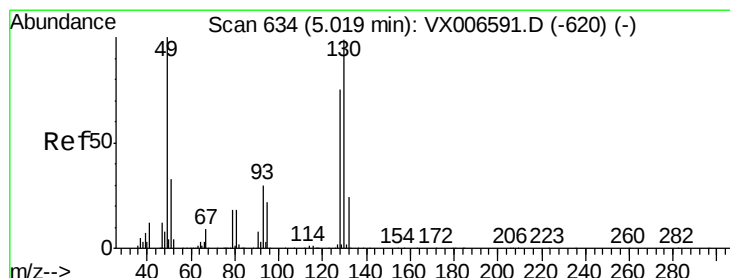
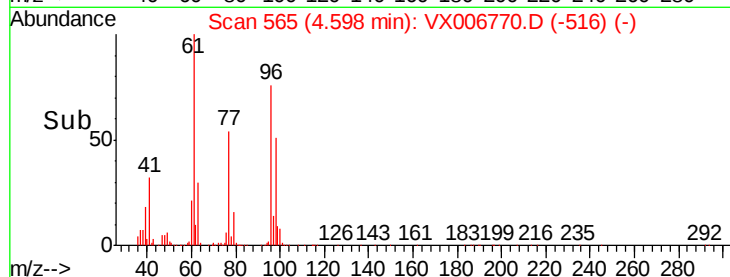
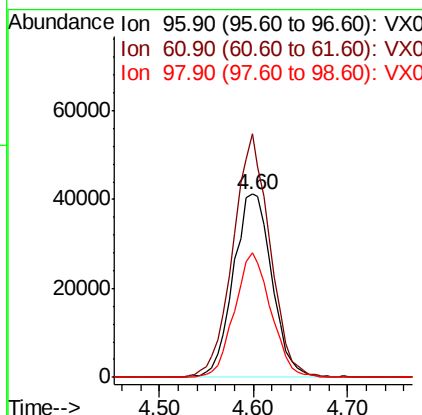
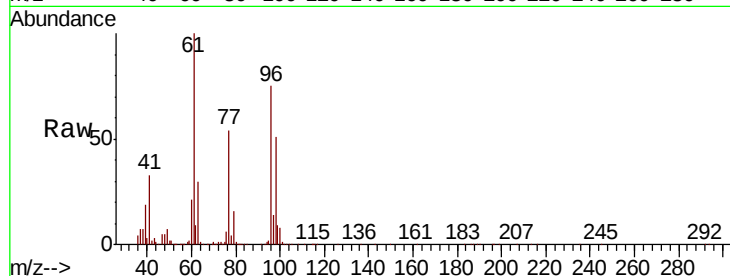
cis-1,2-Dichloroethene  
Concen: 19.615 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 117787 |       |       |
| 61      | 127.3 | 0.0    | 258.6 |       |
| 98      | 64.1  | 0.0    | 132.0 |       |

Manual Integrations  
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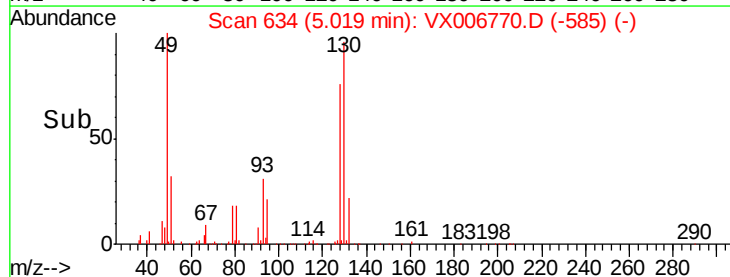
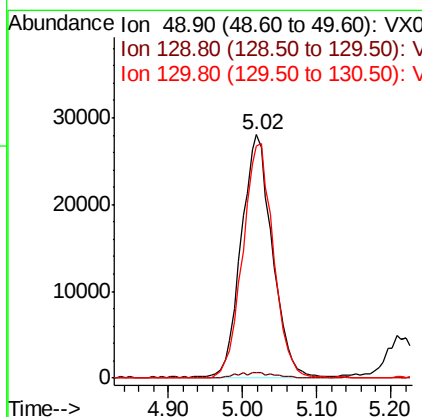
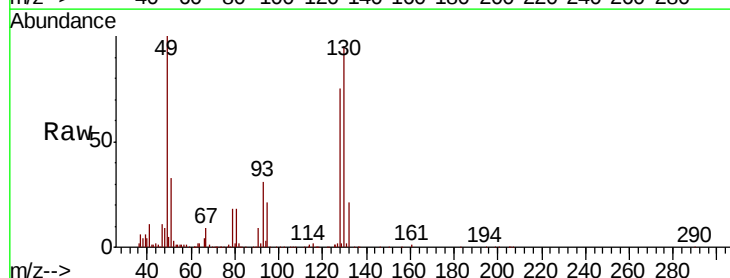
MMDadoda  
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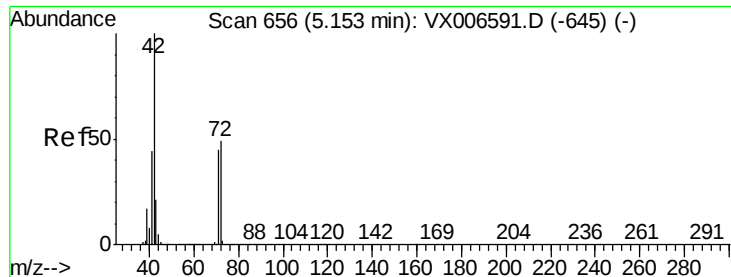


#28

Bromochloromethane  
Concen: 20.348 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 81635 |       |       |
| 129     | 2.8   | 0.0   | 5.4   |       |
| 130     | 95.9  | 77.7  | 116.5 |       |





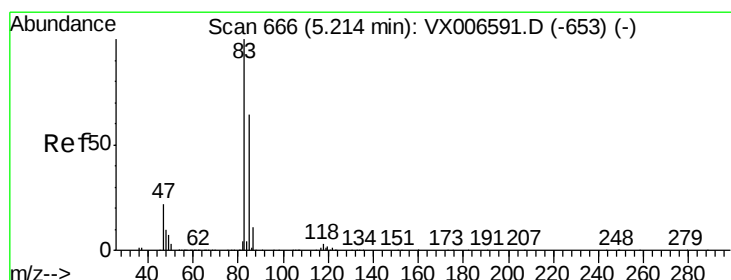
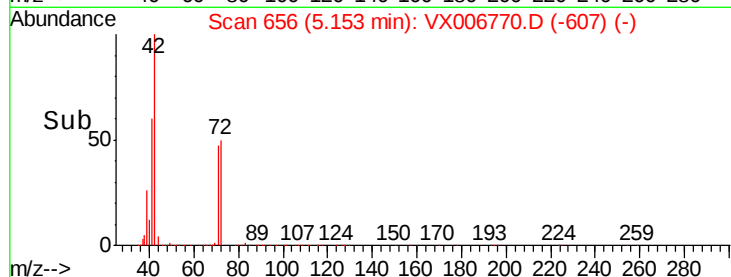
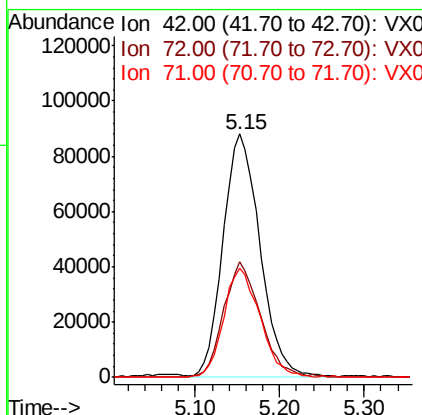
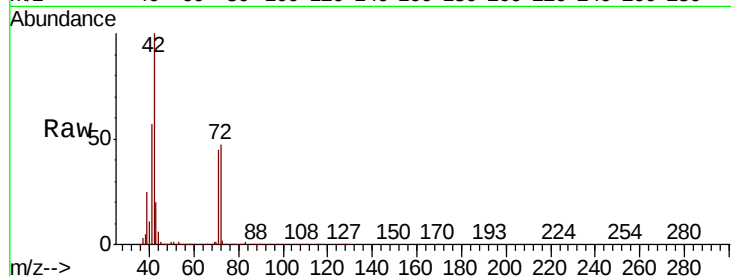
#29  
Tetrahydrofuran  
Concen: 103.747 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.1  | 38.9  | 58.3  |
| 71      | 44.3  | 36.2  | 54.4  |

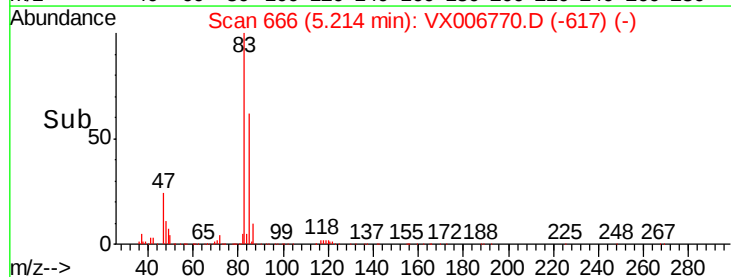
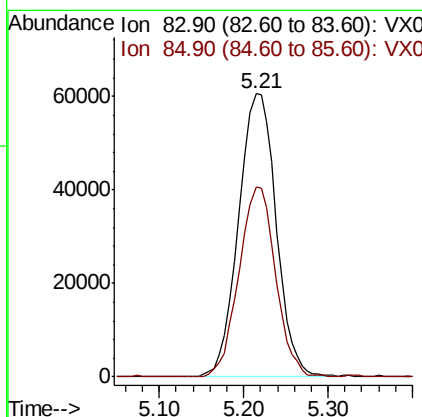
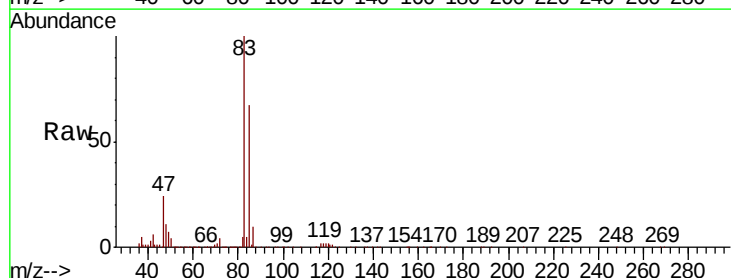
Manual Integrations  
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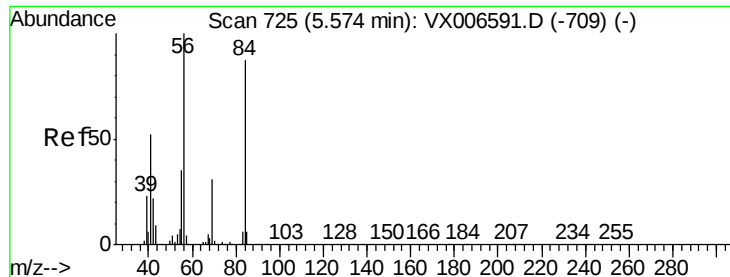
MMDadoda  
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#30  
Chloroform  
Concen: 19.629 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.0  | 51.2  | 76.8  |





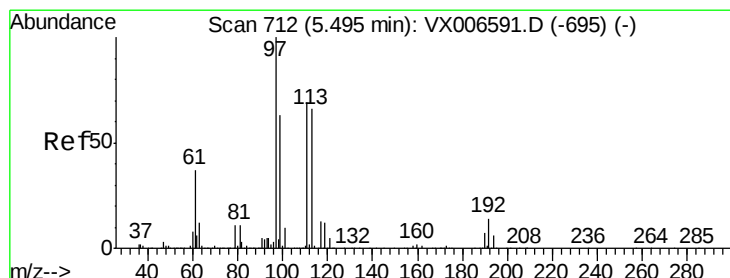
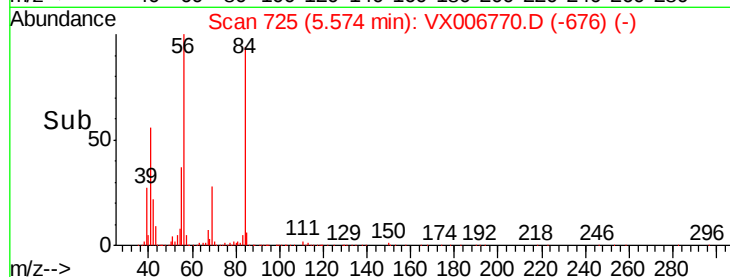
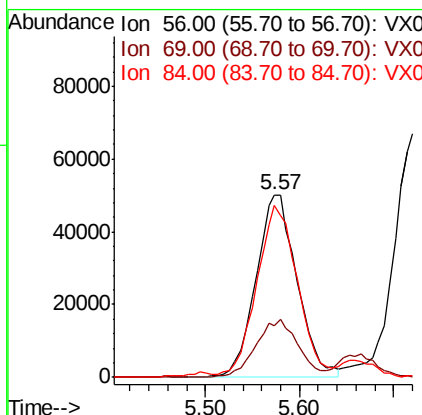
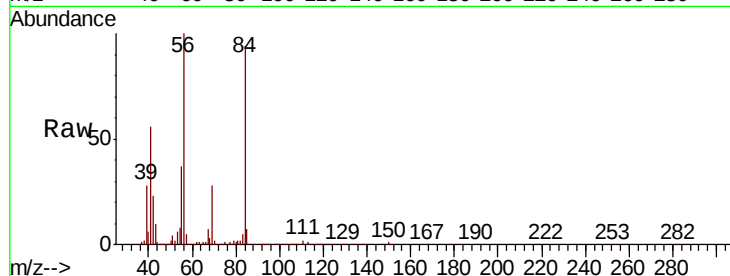
#31  
Cyclohexane  
Concen: 18.574 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.5  | 24.4  | 36.6  |
| 84      | 92.7  | 70.0  | 105.0 |

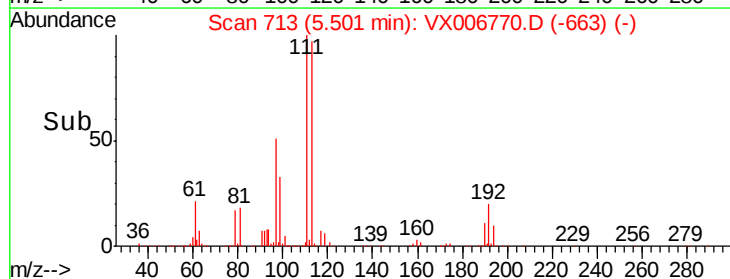
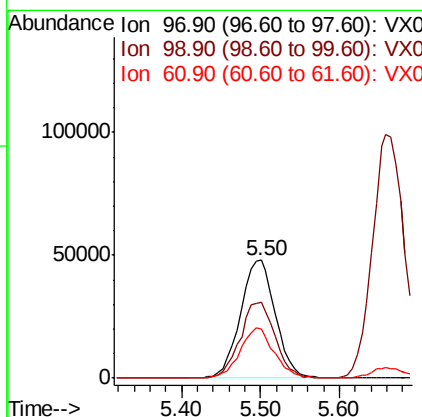
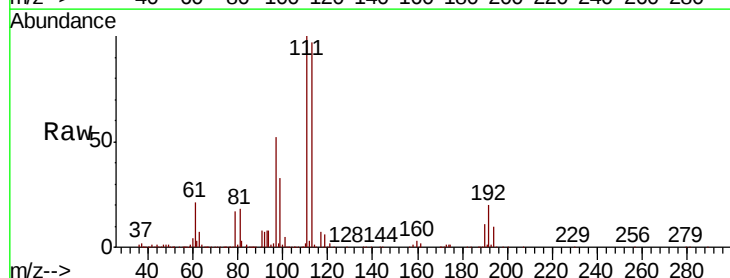
Manual Integrations  
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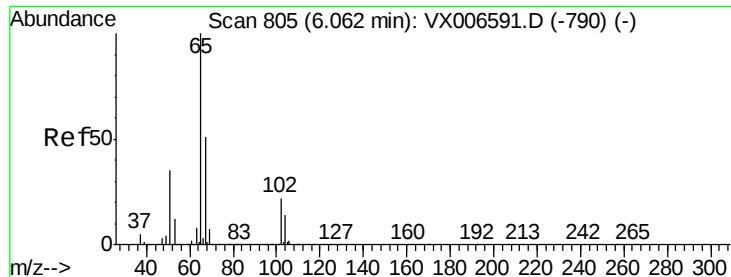
MMDadoda  
12/24/2018 11:47:39 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.660 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 51.7  | 77.5  |
| 61      | 41.1  | 31.3  | 46.9  |





#33

1,2-Dichloroethane-d4

Concen: 50.674 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 65 Resp: 300260

Ion Ratio Lower Upper

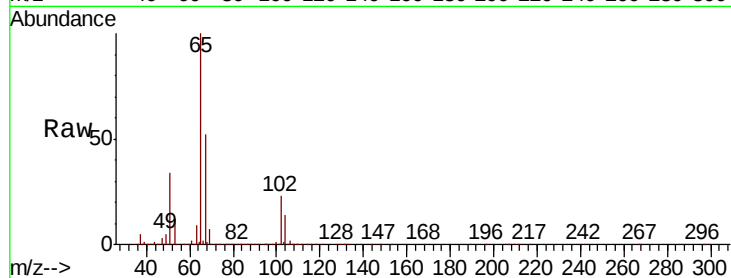
65 100

67 52.9 0.0 105.0

Manual Integrations  
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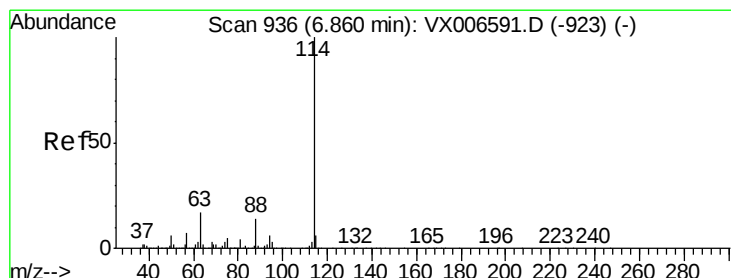
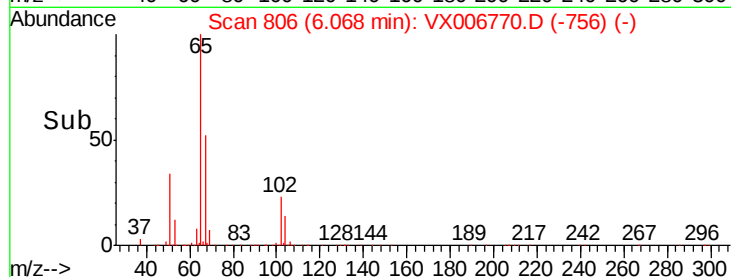
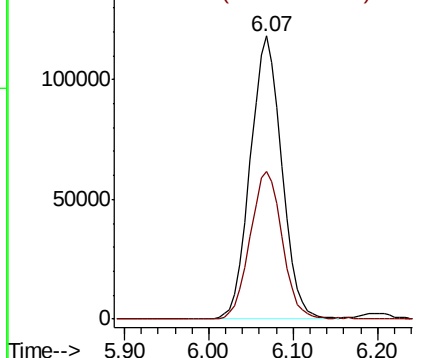
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

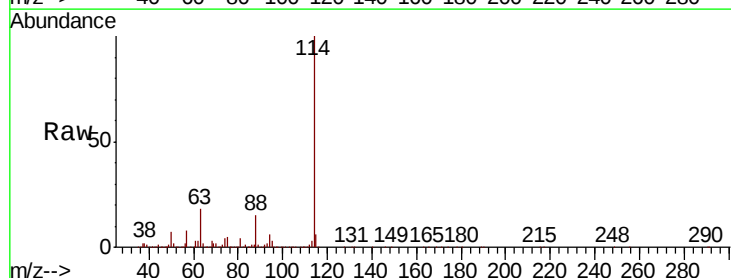
Tgt Ion: 114 Resp: 841964

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

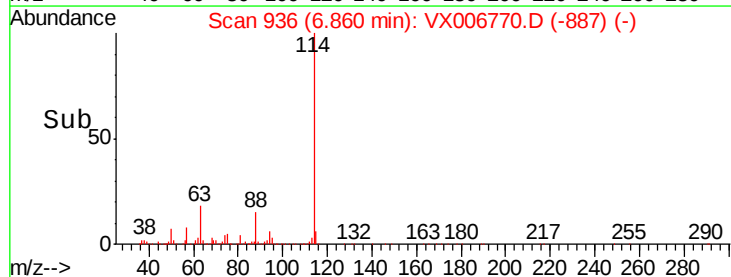
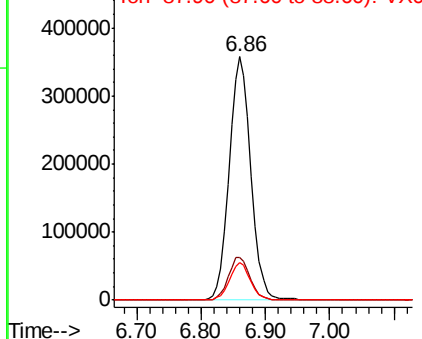
88 15.2 0.0 28.8

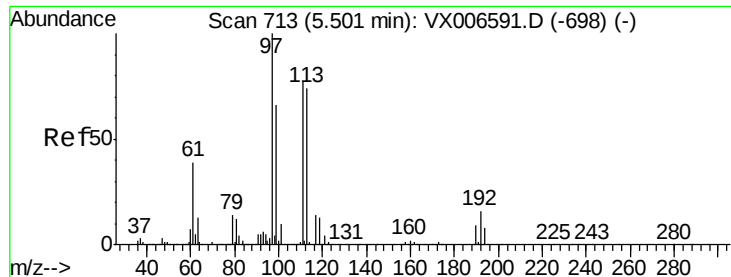


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

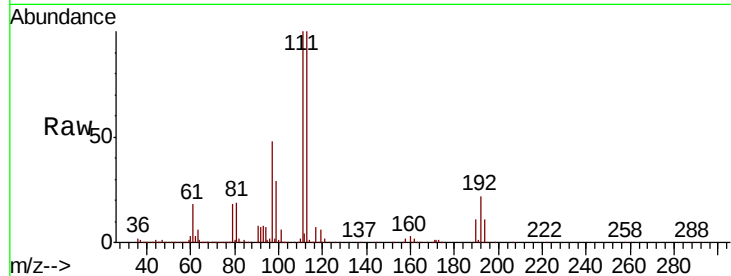
ClientSampleId :

VX1222WBSD01

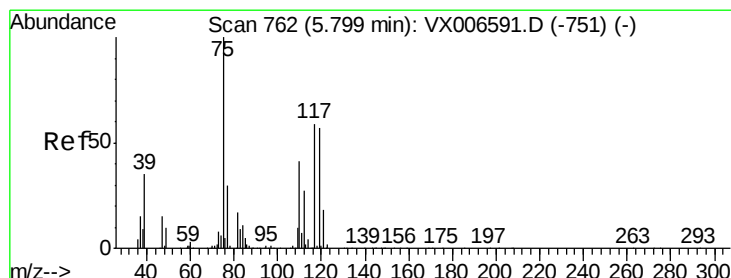
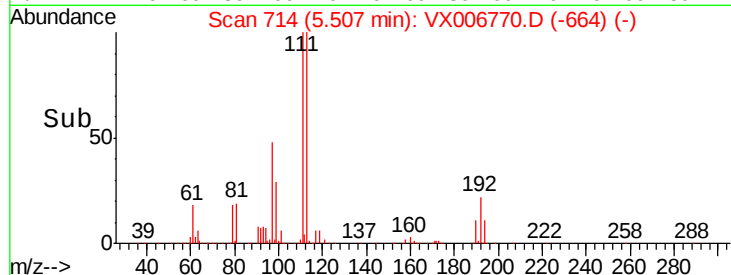
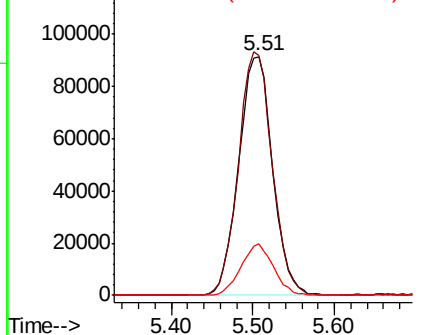
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 264975 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.1 | 81.6  | 122.4  |
| 192       | 20.8  | 16.7  | 25.1   |

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Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.085 ug/l

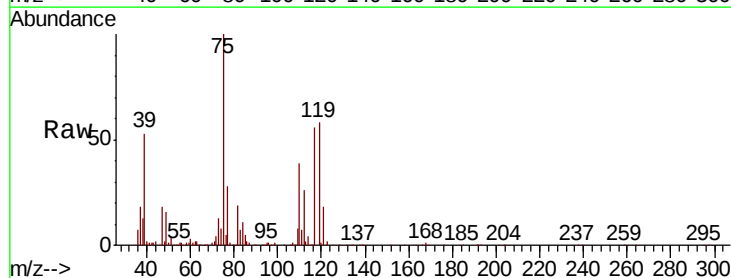
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

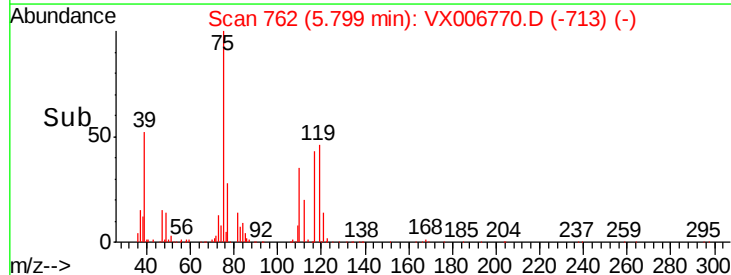
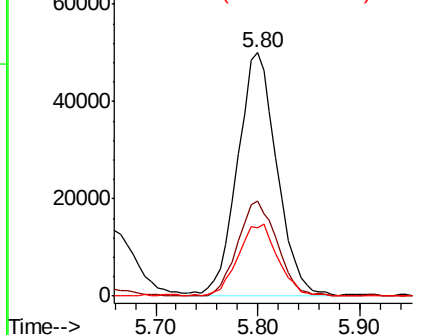
Lab File: VX006770.D

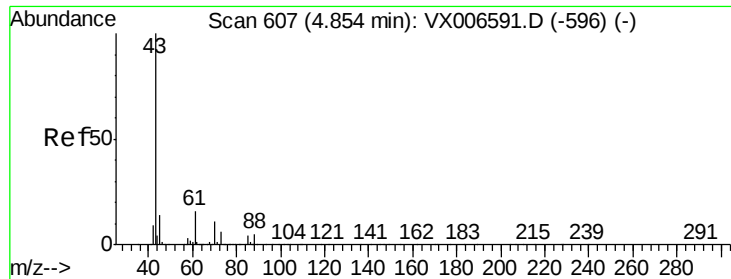
Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 133086 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 39.5  | 20.2  | 60.5   |
| 77        | 30.2  | 24.8  | 37.2   |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VX0





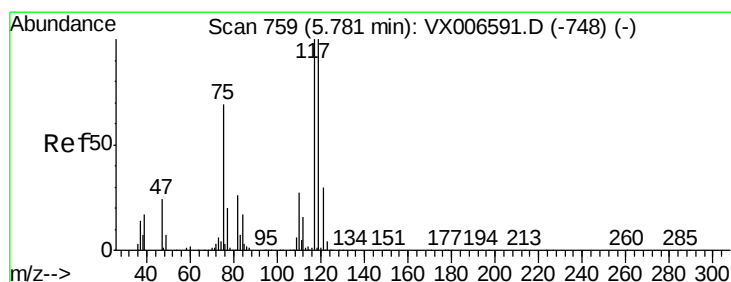
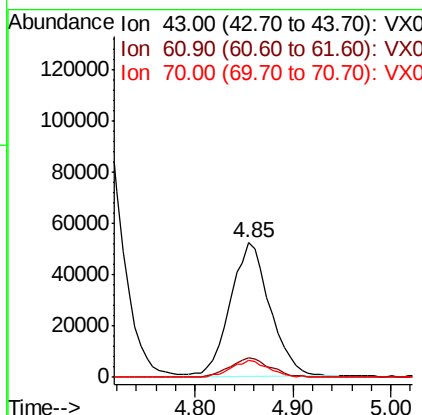
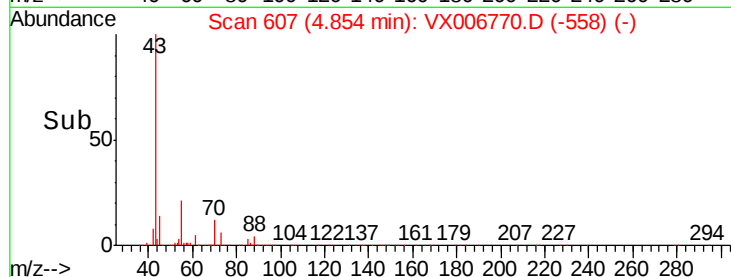
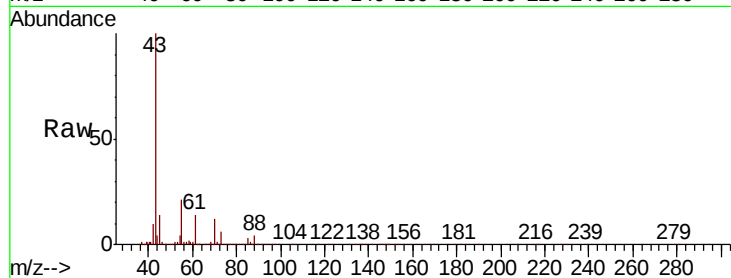
#37  
Ethyl Acetate  
Concen: 20.230 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 11.9  | 17.9  |
| 70      | 11.8  | 9.7   | 14.5  |

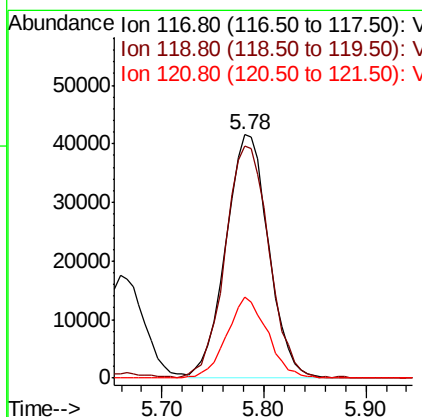
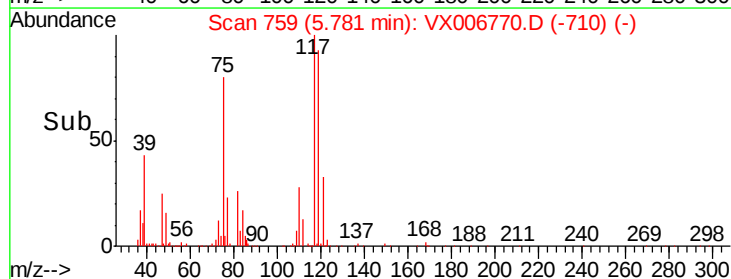
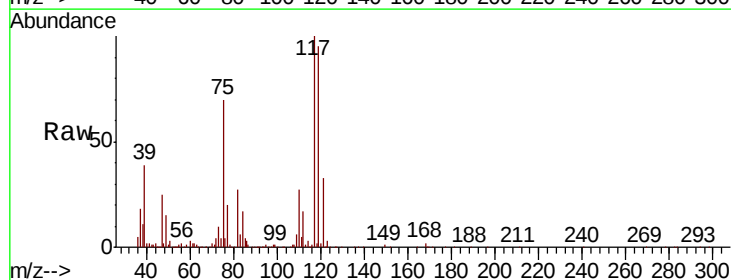
Manual Integrations  
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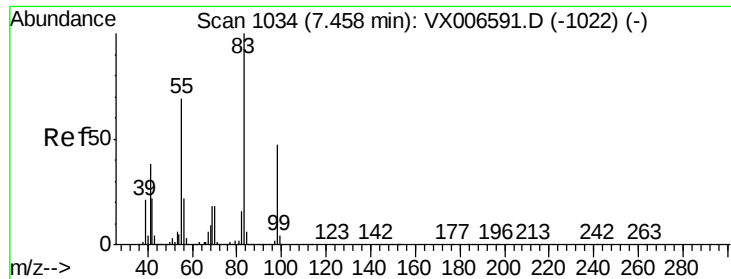
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#38  
Carbon Tetrachloride  
Concen: 17.857 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 79.4  | 119.2 |
| 121     | 33.0  | 24.0  | 36.0  |





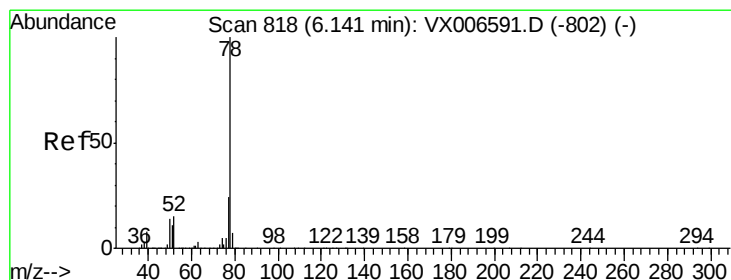
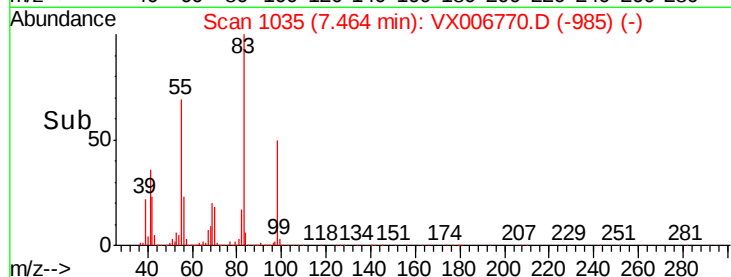
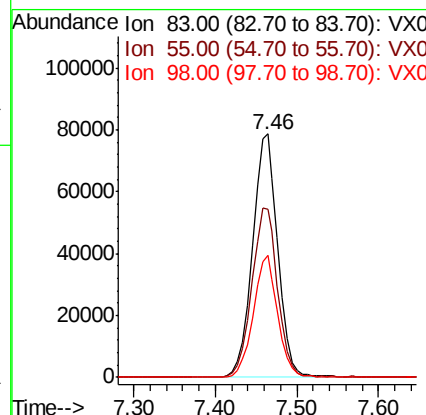
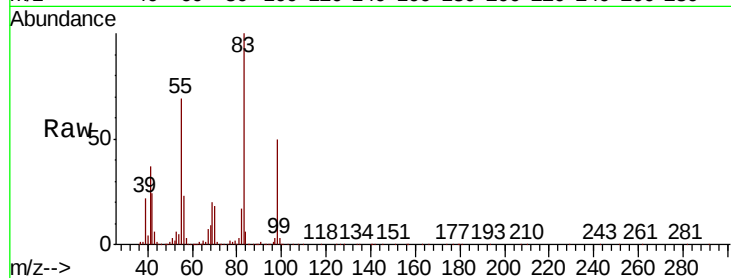
#39  
Methvlcvclohexane  
Concen: 18.438 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.6  | 54.9  | 82.3  |
| 98      | 49.9  | 37.9  | 56.9  |

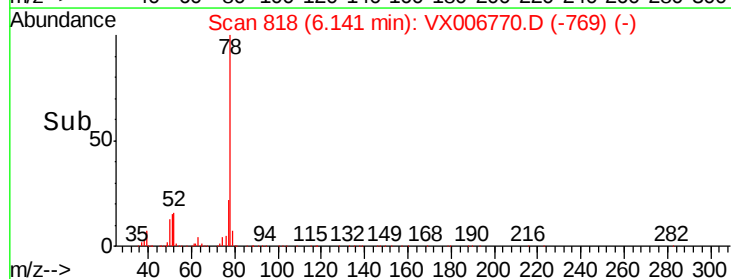
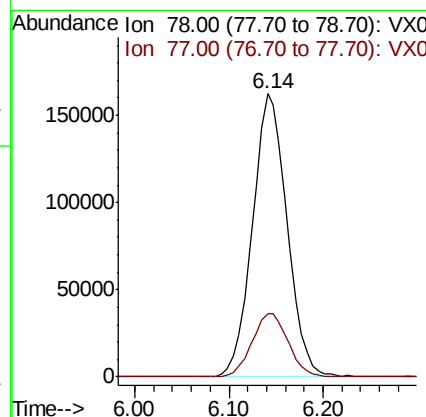
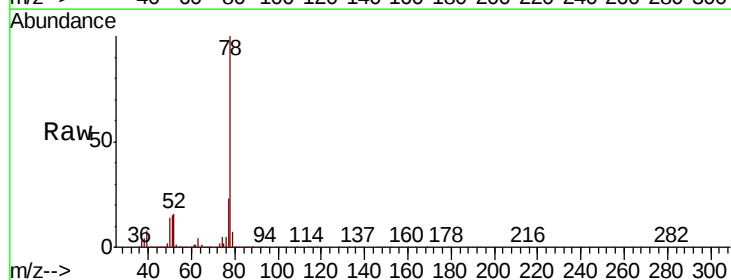
Manual Integrations  
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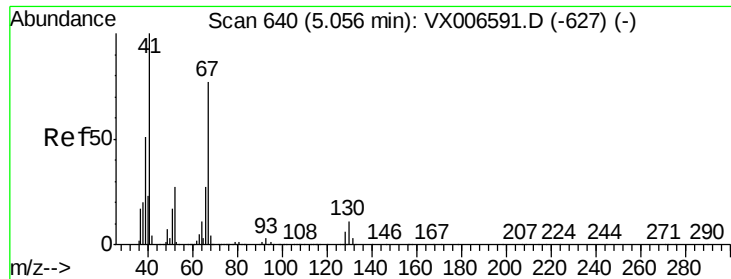
MMDadoda  
12/24/2018 11:47:39 AM



#40  
Benzene  
Concen: 19.722 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.4  | 19.2  | 28.8  |





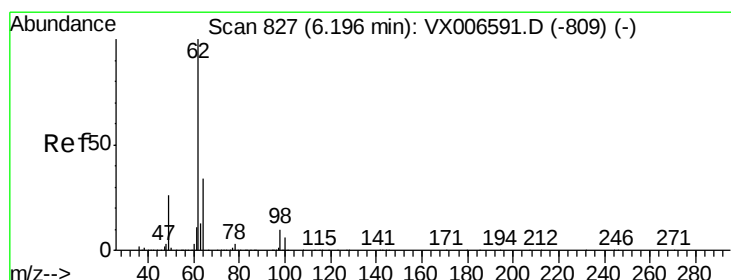
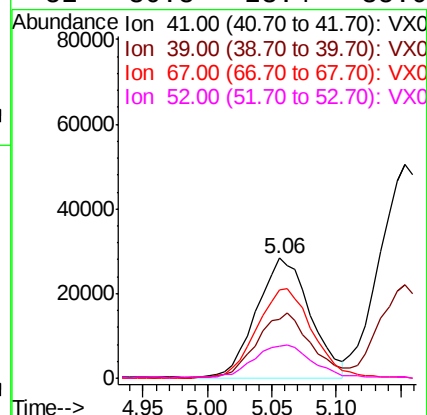
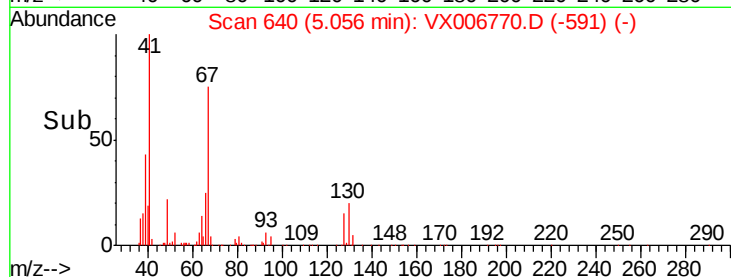
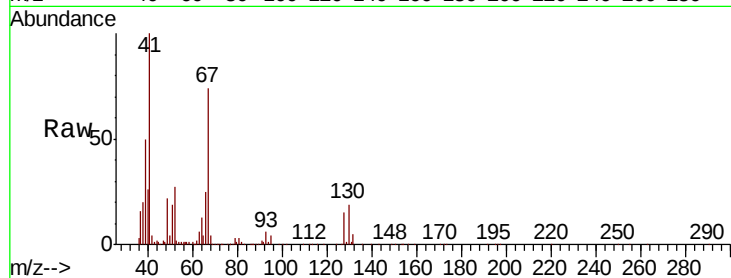
#41  
Methacrylonitrile  
Concen: 21.248 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.4  | 42.8  | 64.2  |
| 67      | 78.0  | 62.1  | 93.1  |
| 52      | 30.8  | 23.4  | 35.0  |

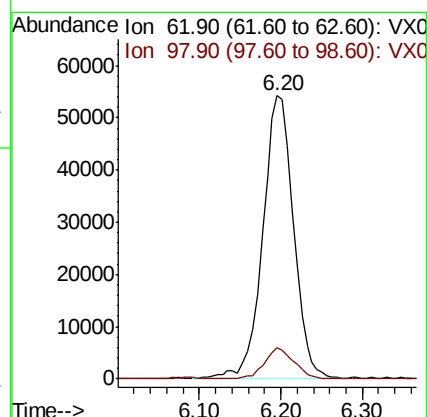
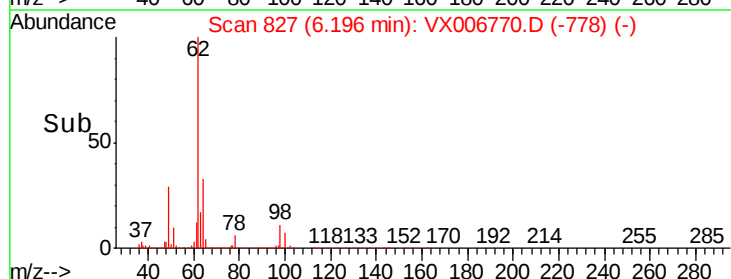
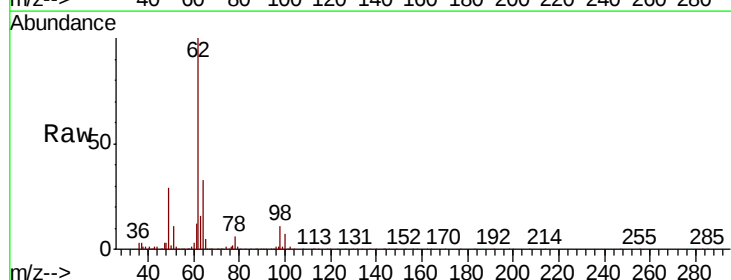
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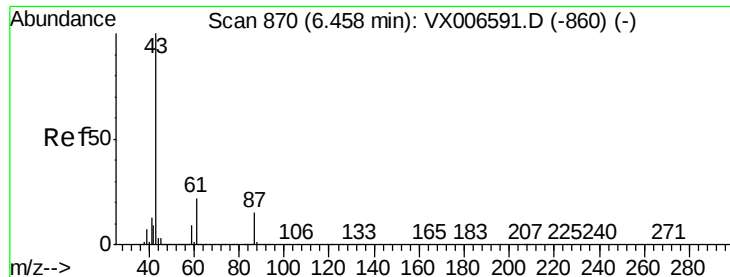
MMDadoda  
12/24/2018 11:47:39 AM



#42  
1,2-Dichloroethane  
Concen: 19.542 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.6  | 0.0   | 20.2  |





#43

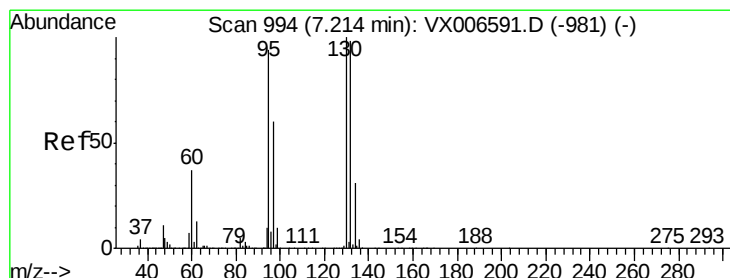
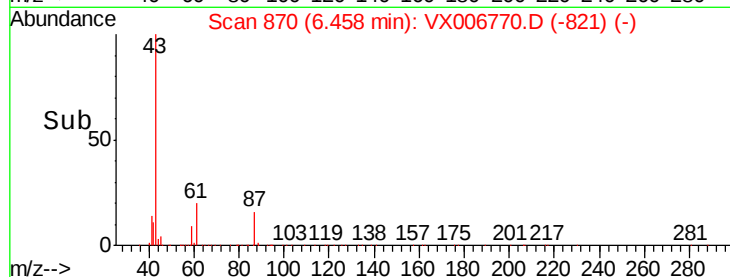
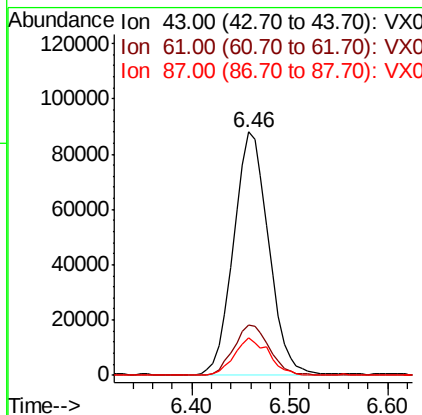
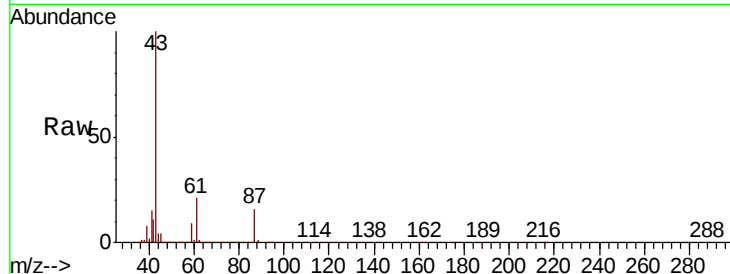
Isopropyl Acetate  
 Concen: 19.808 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.2  | 16.8  | 25.2  |
| 87      | 15.3  | 12.4  | 18.6  |

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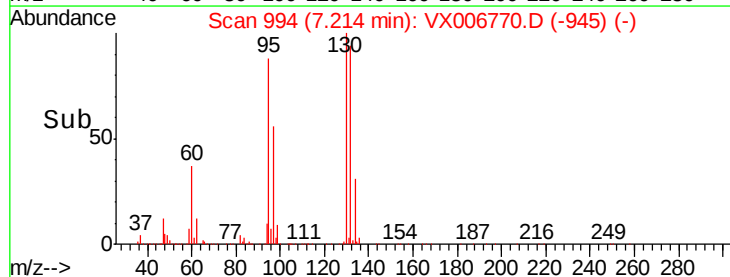
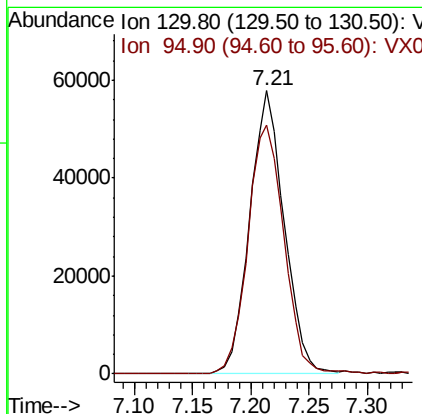
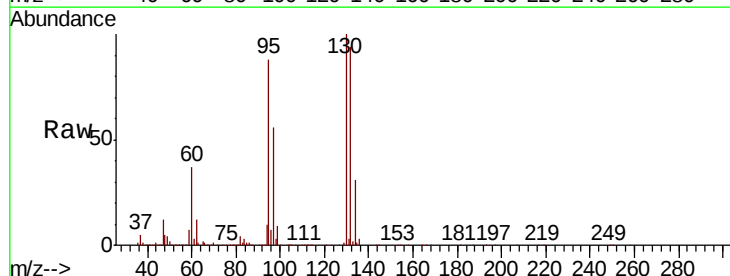
MMDadoda  
 12/24/2018 11:47:39 AM

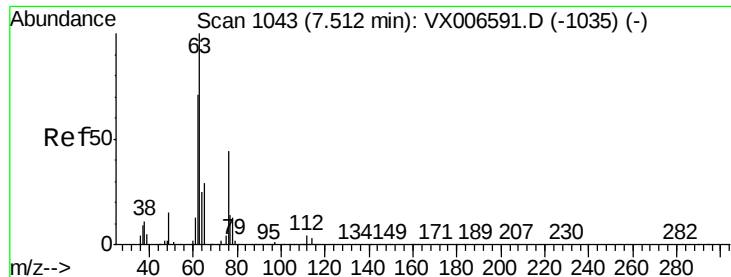


#44

Trichloroethene  
 Concen: 18.522 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 88.0  | 0.0   | 187.0 |





#45

1,2-Dichloropropane

Concen: 20.316 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 63 Resp: 104795

Ion Ratio Lower Upper

63 100

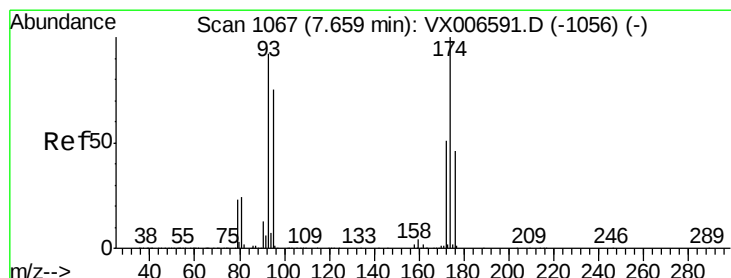
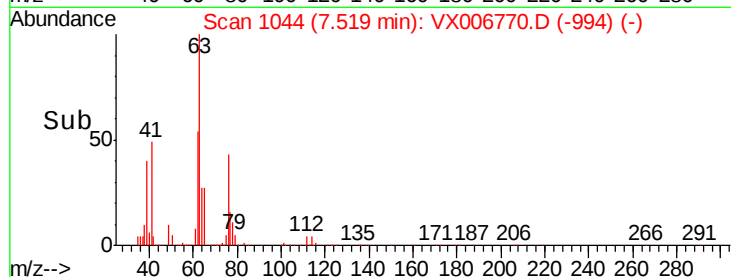
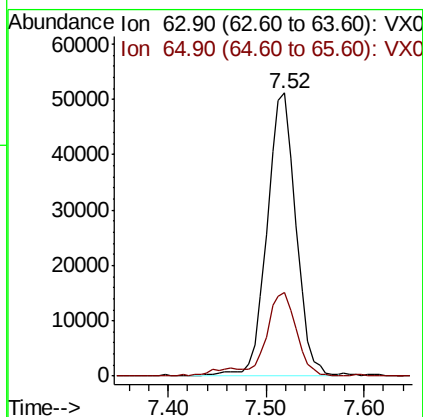
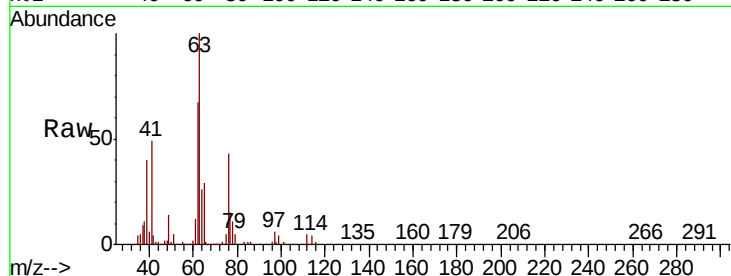
65 29.2 25.4 38.0

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#46

Dibromomethane

Concen: 19.263 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

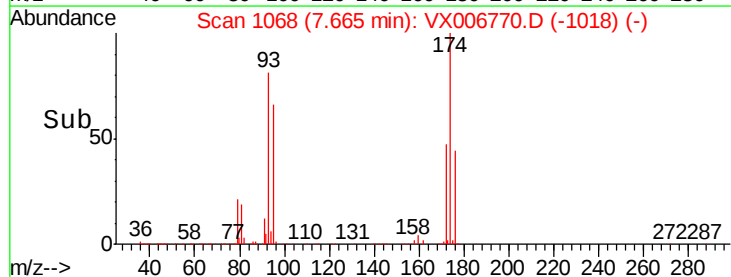
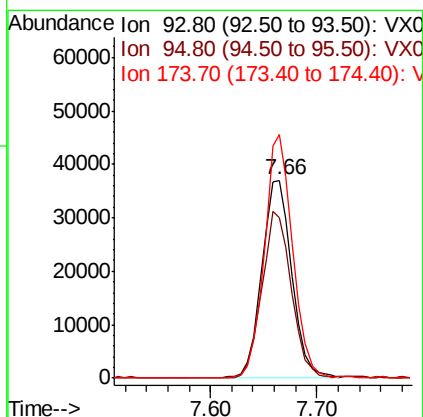
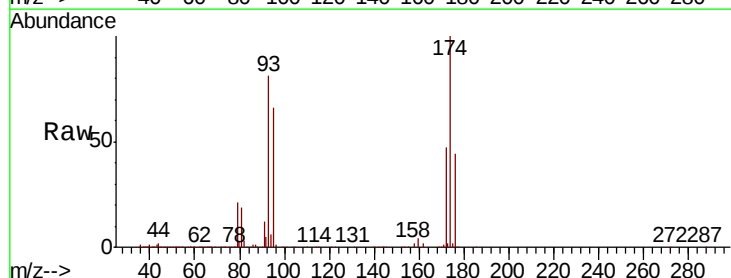
Tgt Ion: 93 Resp: 73088

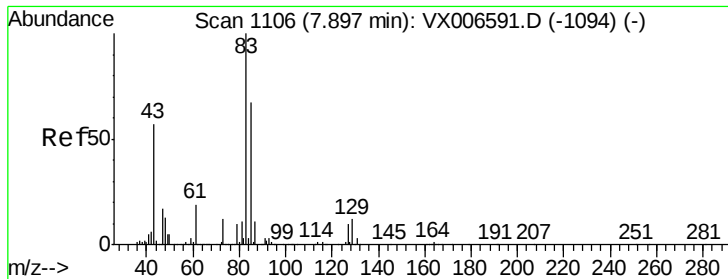
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 115.5 91.0 136.4





#47

Bromodichloromethane

Concen: 18.548 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

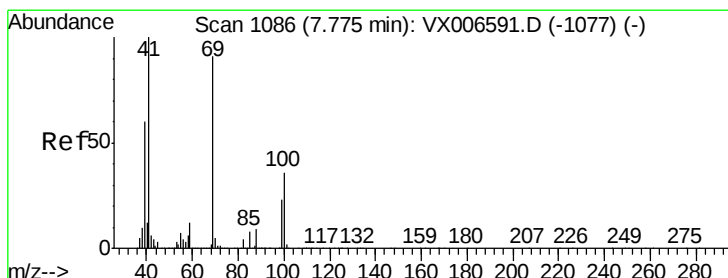
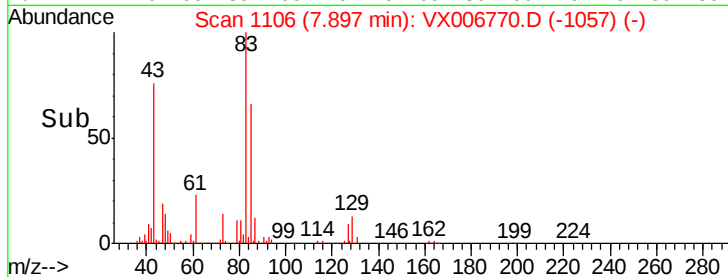
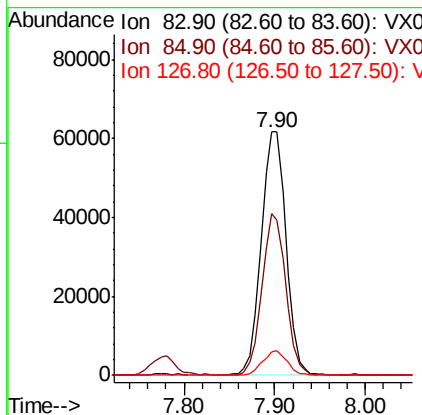
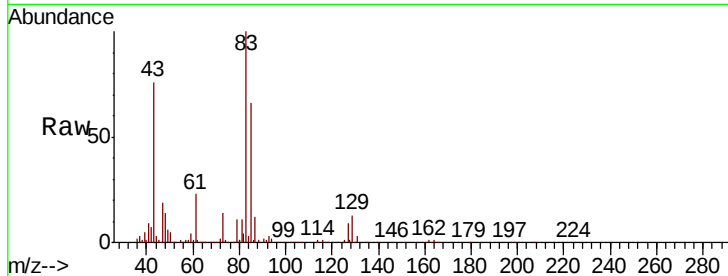
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 116839 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.0  | 53.2  | 79.8   |
| 127       | 9.4   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 20.831 ug/l

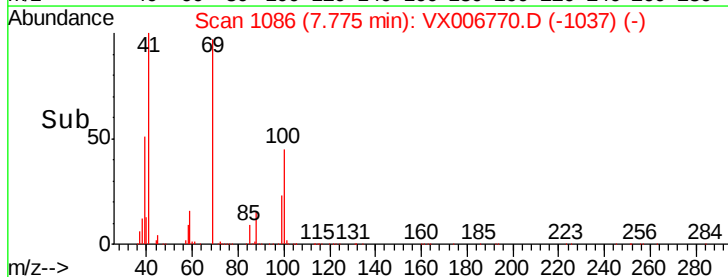
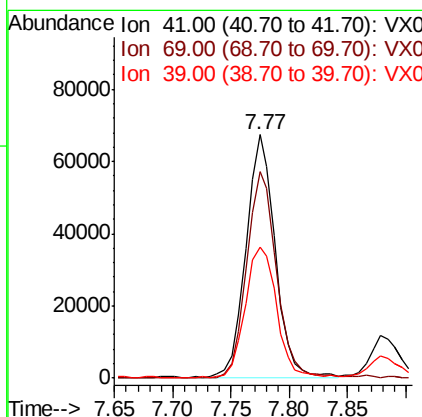
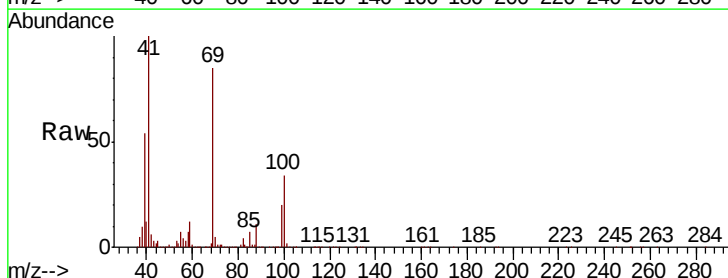
RT: 7.77 min Scan# 1086

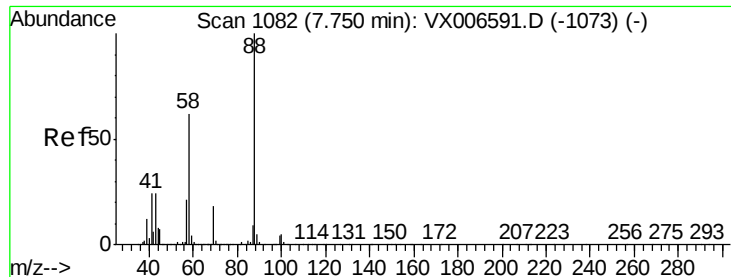
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 116986 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 88.1  | 72.4  | 108.6  |
| 39        | 58.3  | 45.8  | 68.8   |





#49

1,4-Dioxane

Concen: 393.962 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

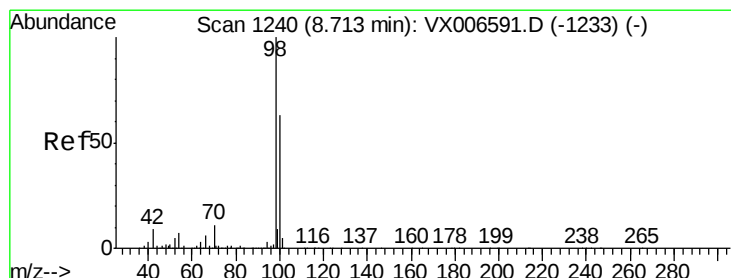
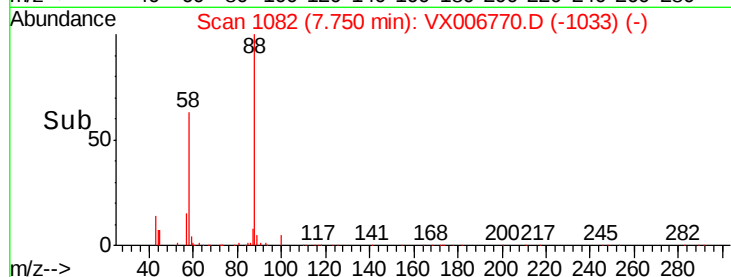
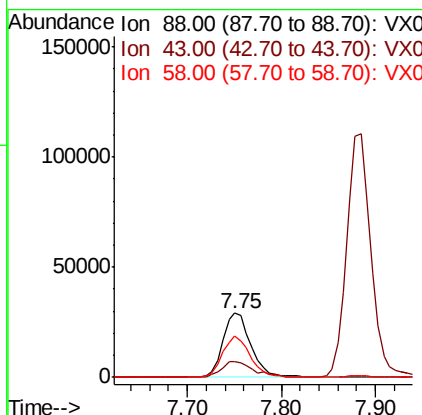
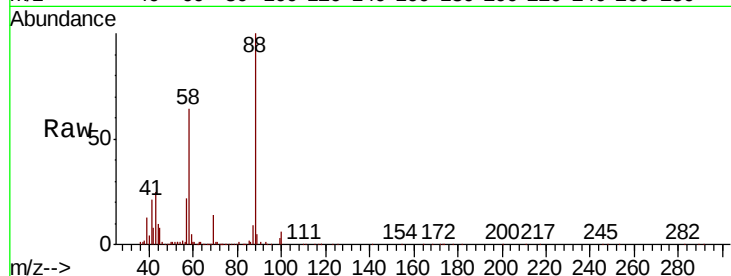
ClientSampleId :

VX1222WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 59658 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 28.0  | 22.2  | 33.4  |
| 58       | 63.8  | 51.0  | 76.4  |

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#50

Toluene-d8

Concen: 49.924 ug/l

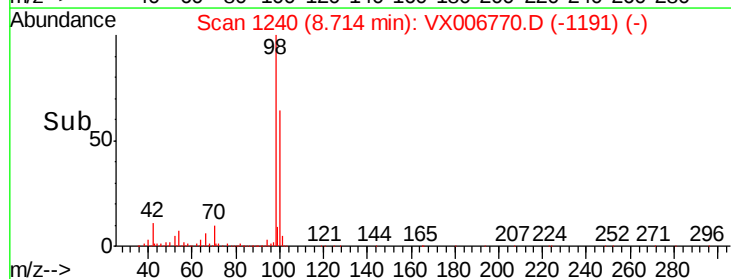
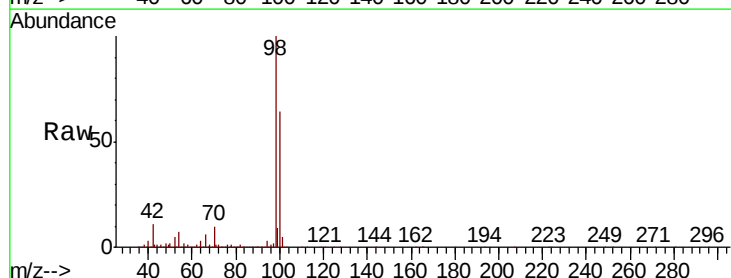
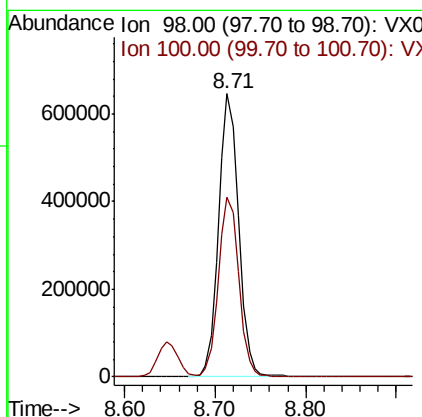
RT: 8.71 min Scan# 1240

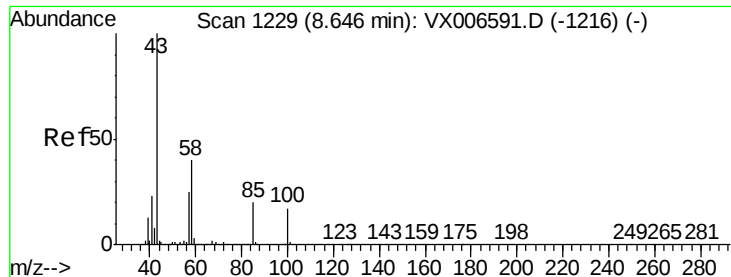
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 1002131 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 64.5  | 52.0  | 78.0    |





#51

4-Methyl-2-Pentanone

Concen: 106.847 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 43 Resp: 750770

Ion Ratio Lower Upper

43 100

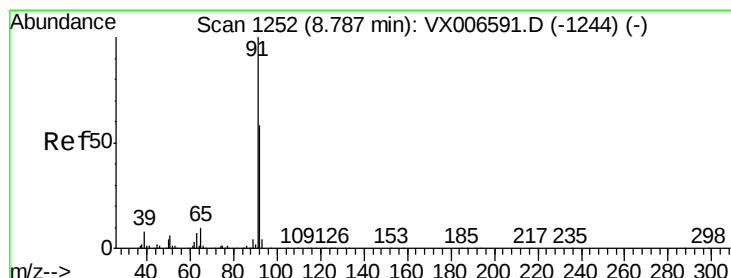
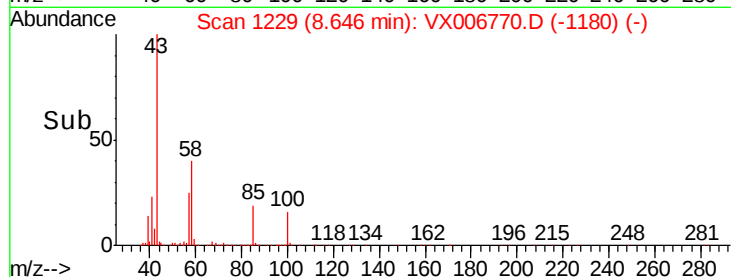
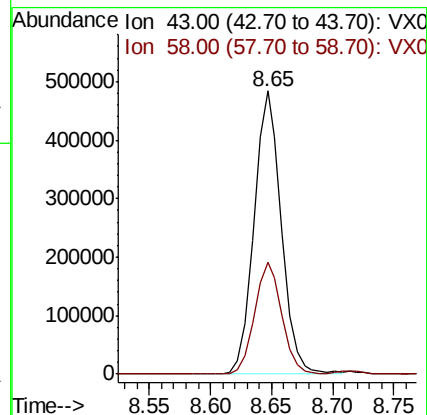
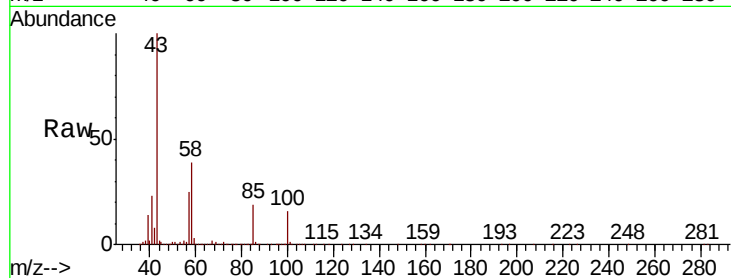
58 39.4 31.8 47.6

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#52

Toluene

Concen: 19.854 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006770.D

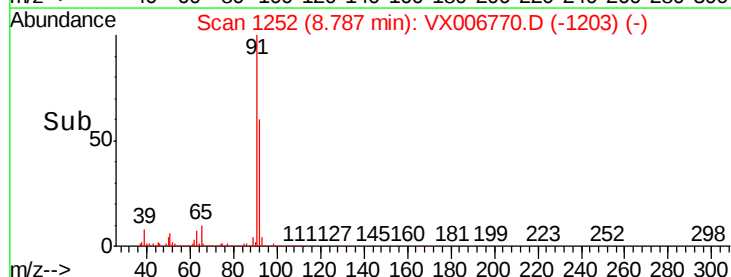
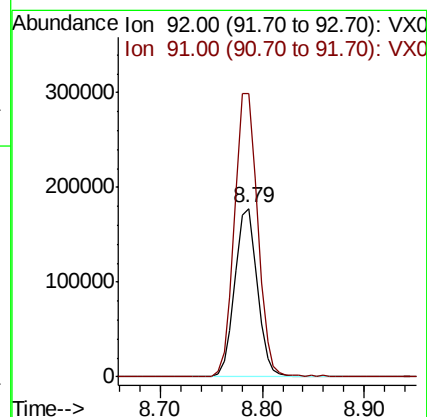
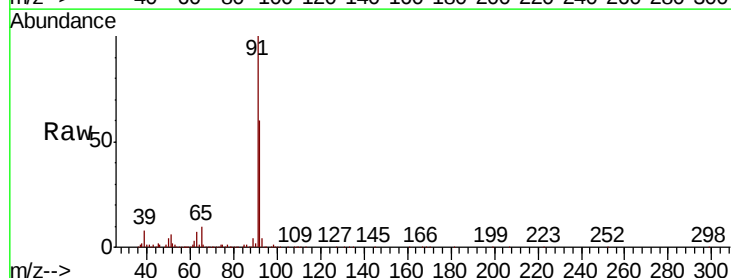
Acq: 22 Dec 2018 14:23

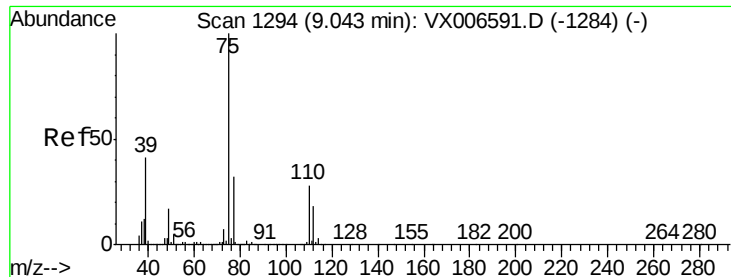
Tgt Ion: 92 Resp: 271881

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.194 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 75 Resp: 116159

Ion Ratio Lower Upper

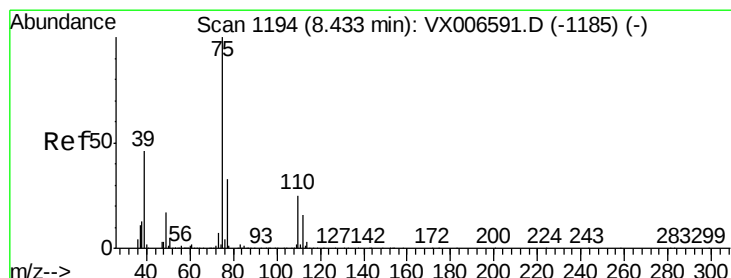
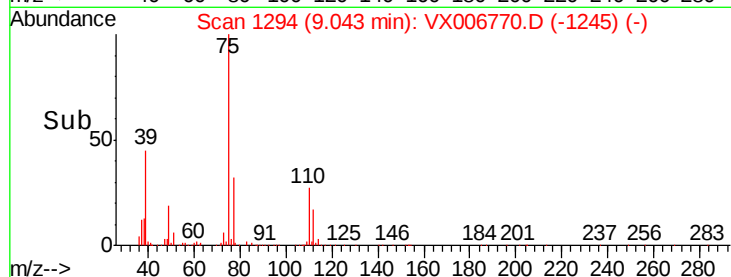
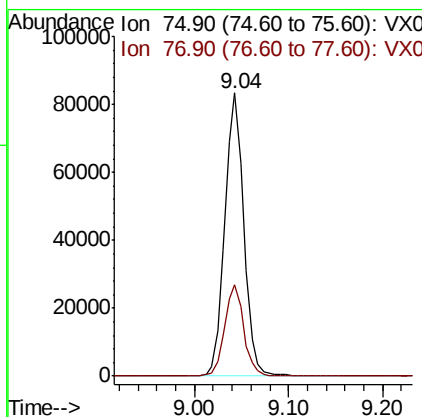
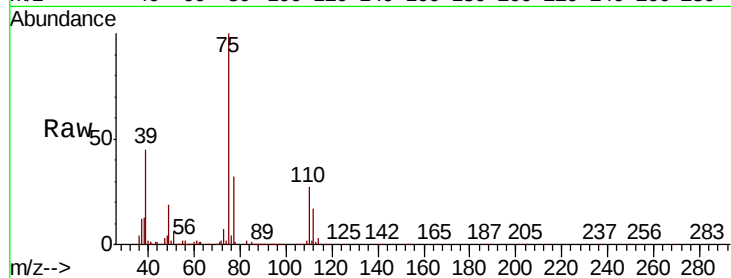
75 100

77 32.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 18.156 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

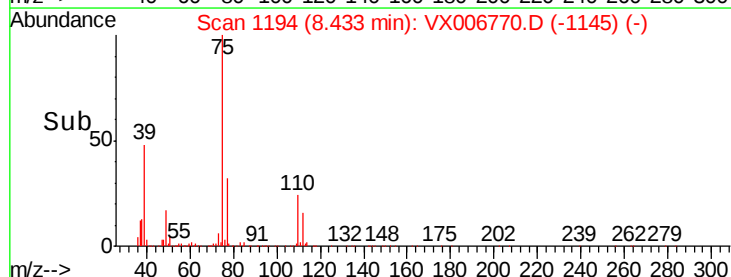
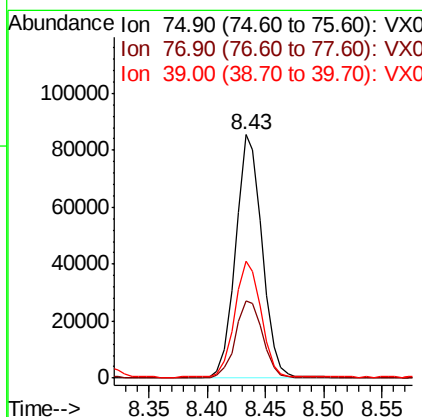
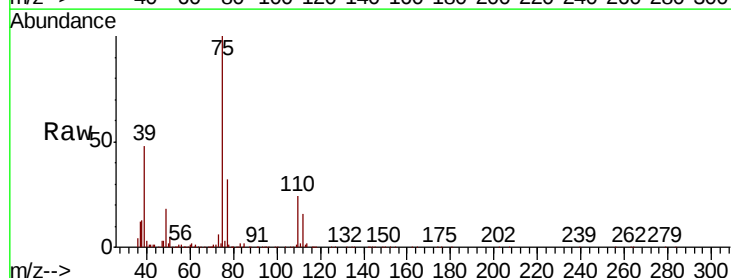
Tgt Ion: 75 Resp: 134589

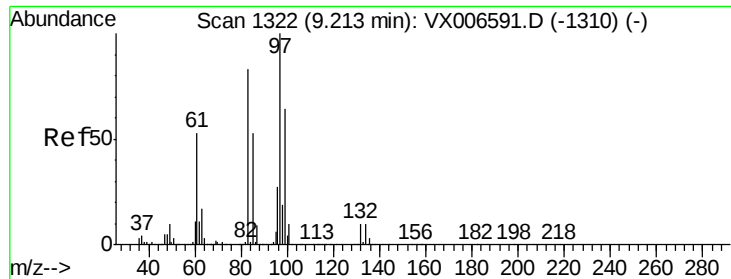
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

39 47.8 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.533 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

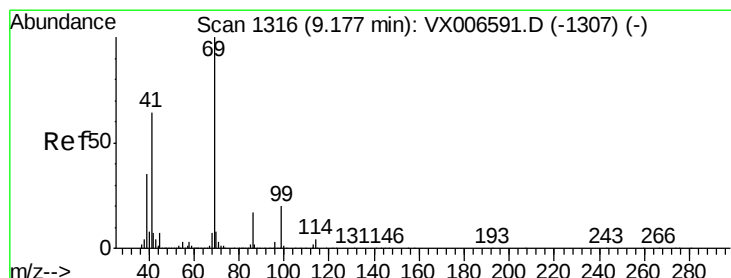
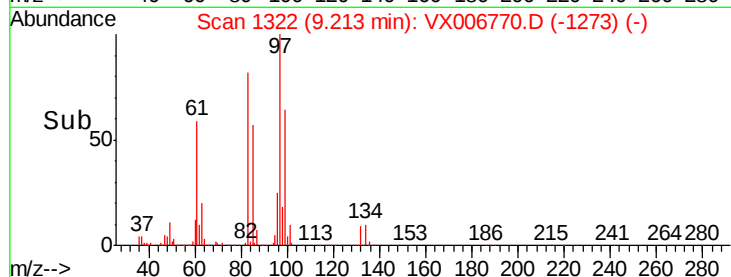
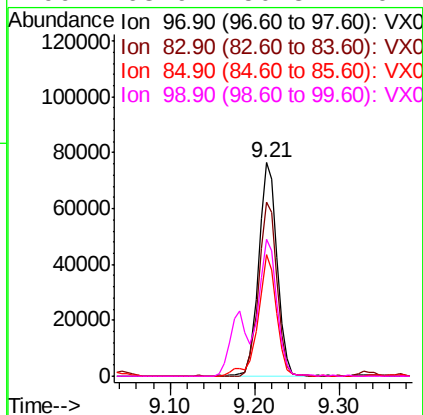
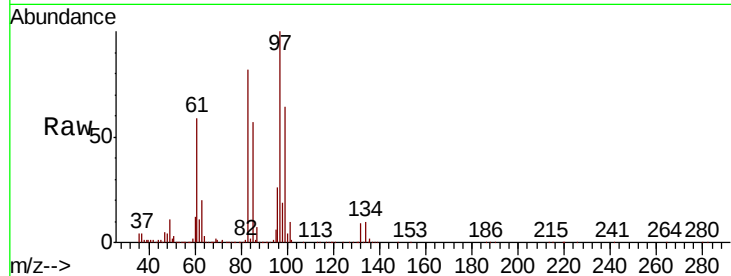
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 115092 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 81.5  | 66.6  | 99.8   |
| 85        | 56.7  | 42.7  | 64.1   |
| 99        | 63.9  | 50.8  | 76.2   |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 20.052 ug/l

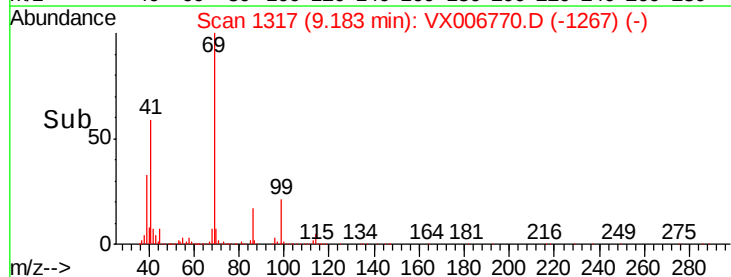
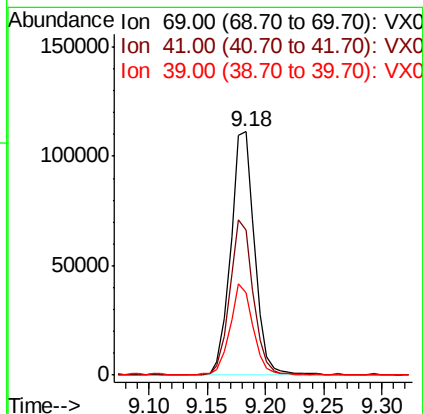
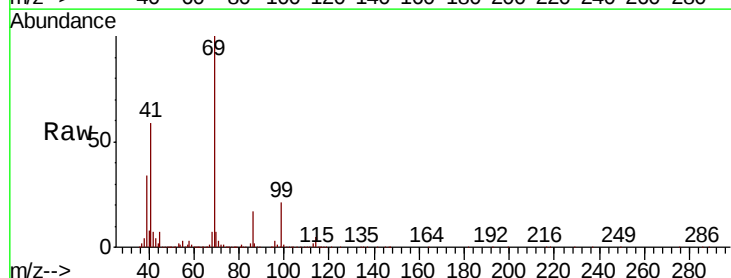
RT: 9.18 min Scan# 1317

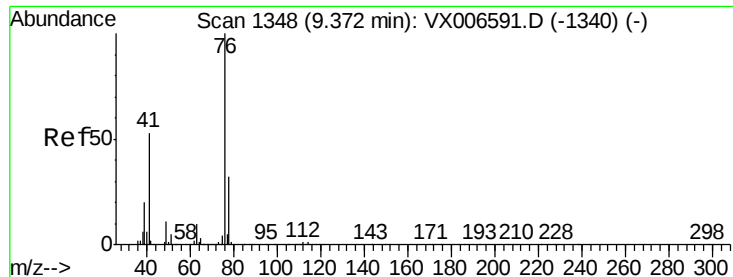
Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 158855 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 62.1  | 48.7  | 73.1   |
| 39        | 36.0  | 27.0  | 40.6   |





#57

1,3-Dichloropropane

Concen: 19.870 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 76 Resp: 179191

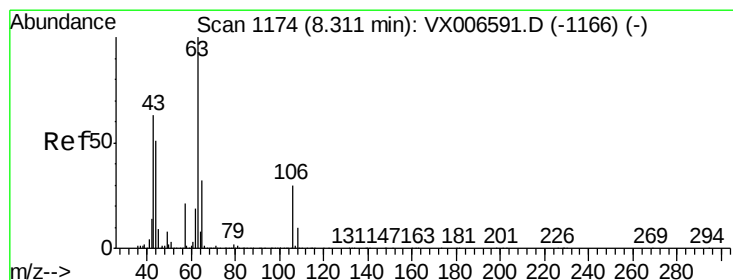
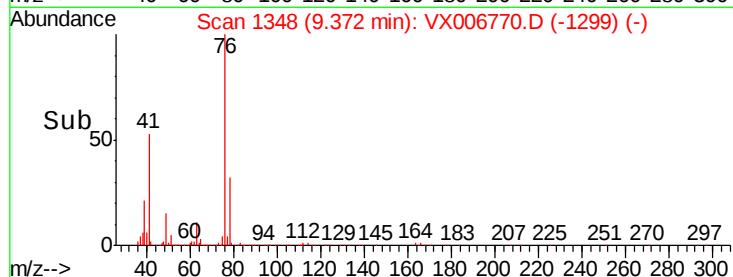
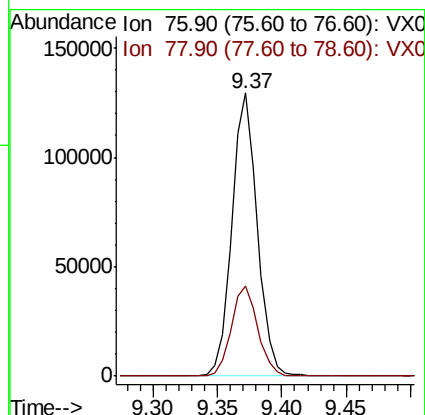
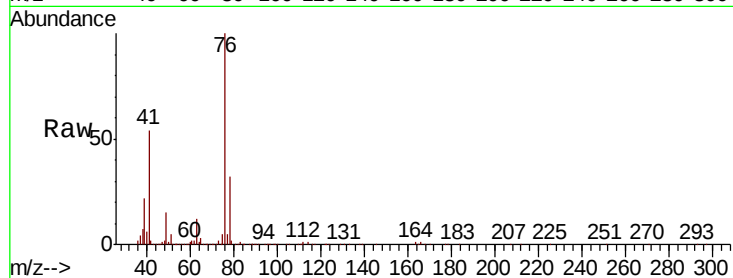
Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0

Manual Integrations  
APPROVED

MMDadoda  
12/24/2018 11:47:39 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.127 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006770.D

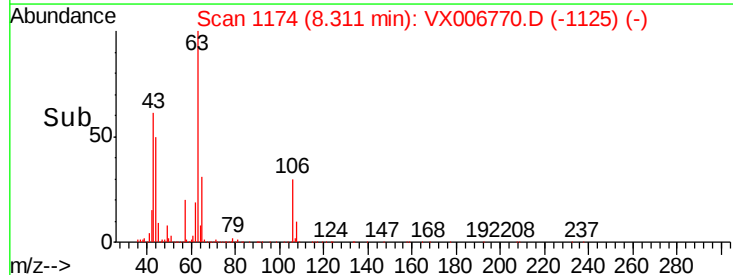
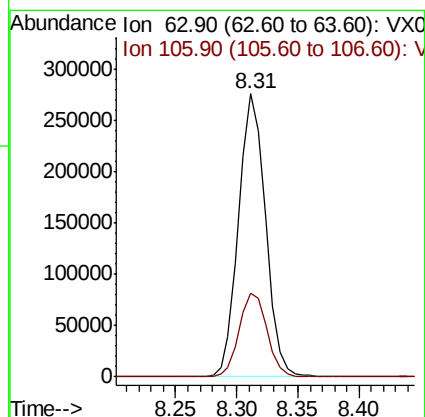
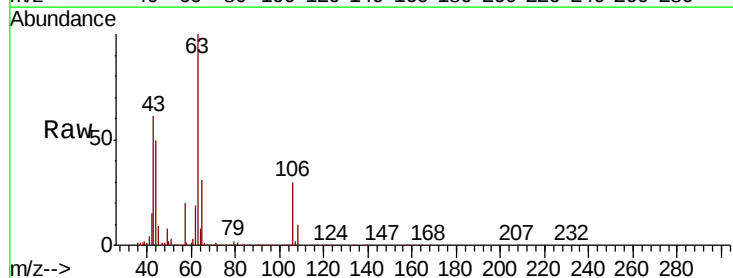
Acq: 22 Dec 2018 14:23

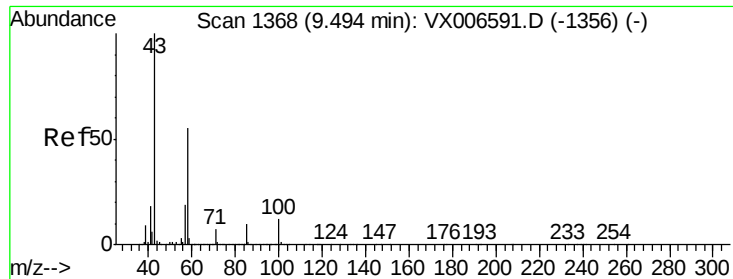
Tgt Ion: 63 Resp: 421656

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





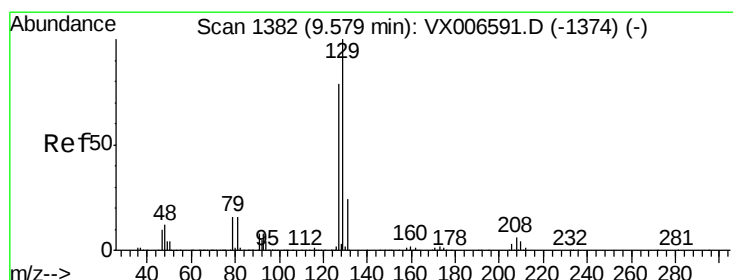
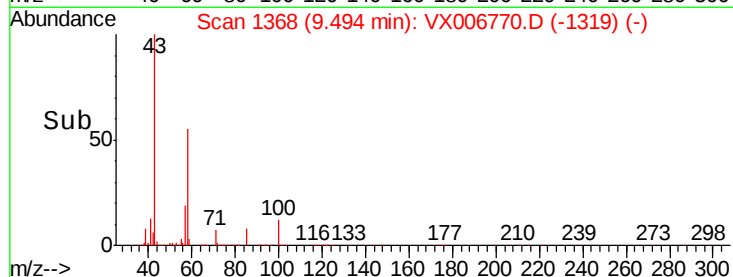
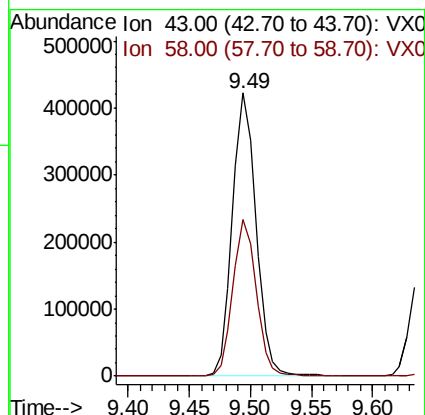
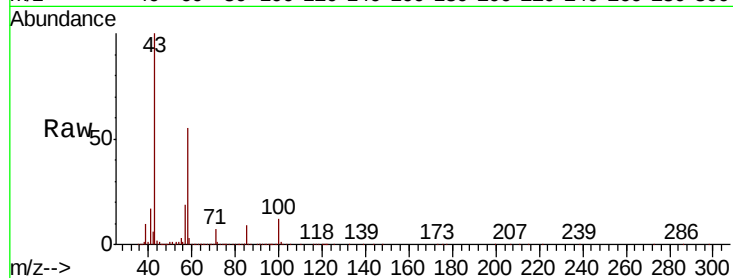
#59  
2-Hexanone  
Concen: 105.368 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

Tot Ion: 43 Resp: 566476  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.7 83.1

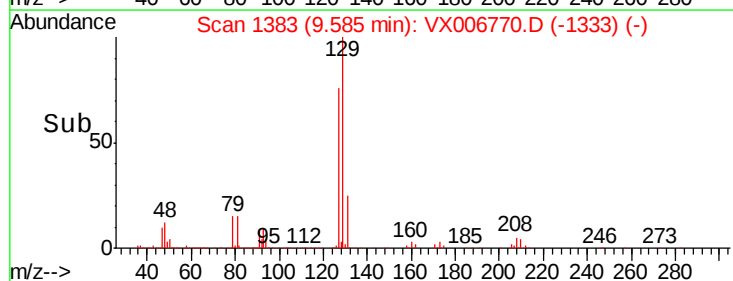
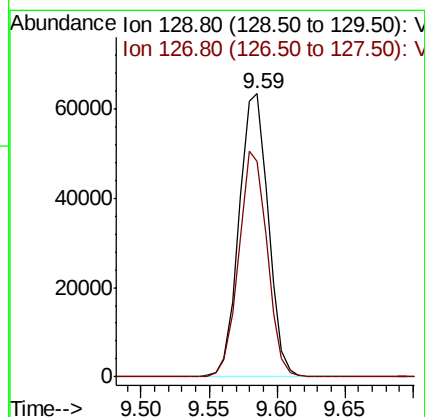
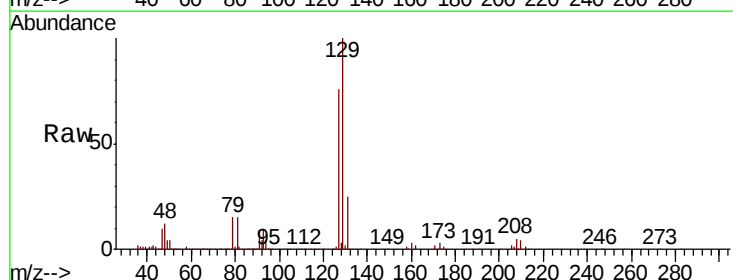
Manual Integrations  
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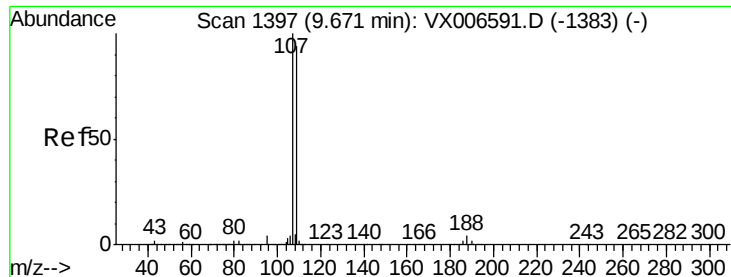
MMDadoda  
12/24/2018 11:47:39 AM



#60  
Dibromochloromethane  
Concen: 17.776 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Tgt Ion: 129 Resp: 95003  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.3 117.8





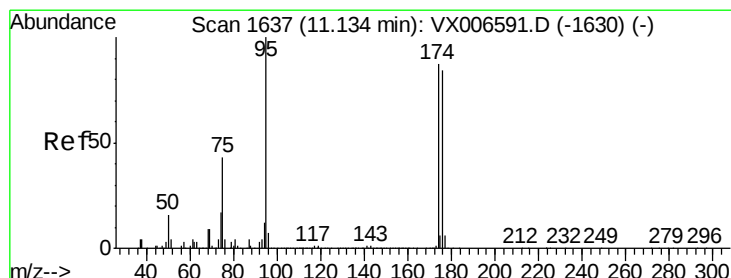
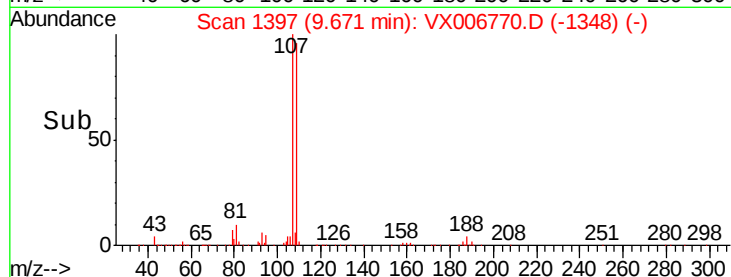
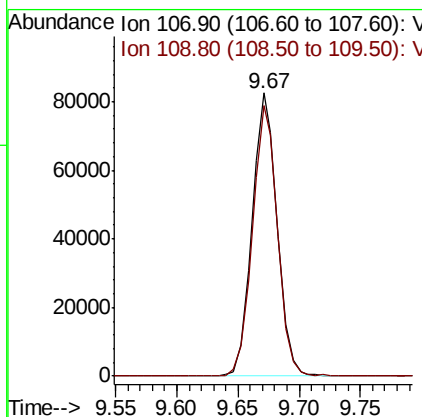
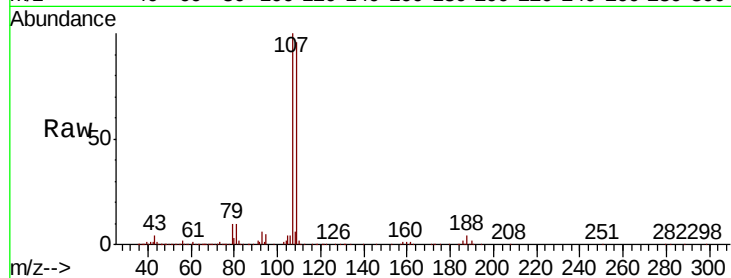
#61  
 1,2-Dibromoethane  
 Concen: 19.743 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.9  | 75.8  | 113.6 |

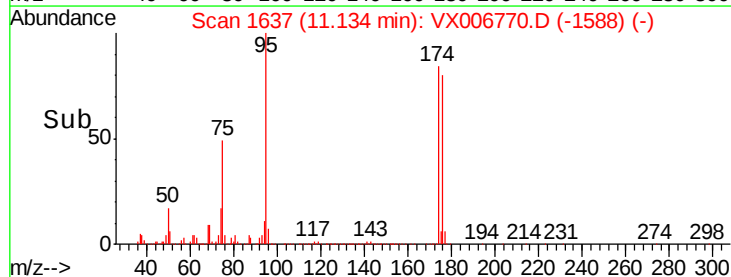
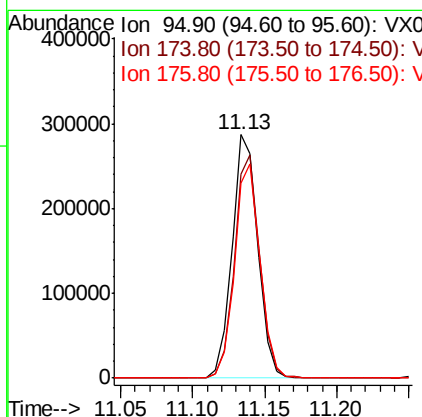
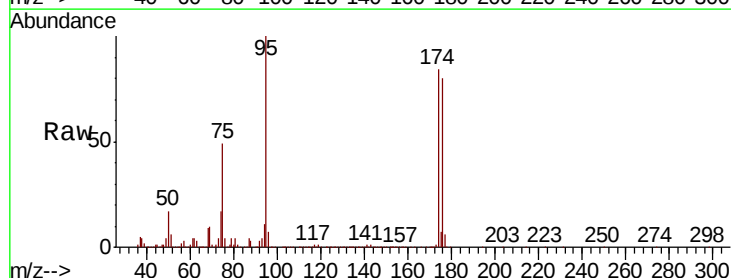
Manual Integrations  
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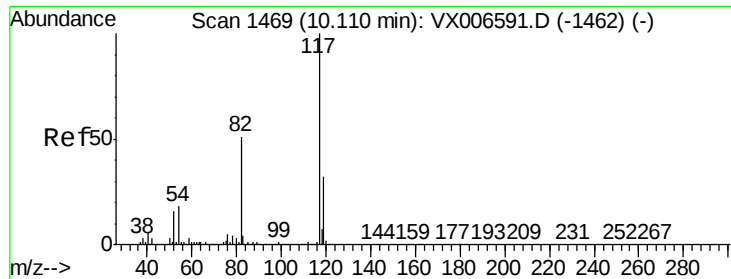
MMDadoda  
 12/24/2018 11:47:39 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.051 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 89.9  | 0.0   | 182.2 |
| 176     | 87.0  | 0.0   | 178.8 |





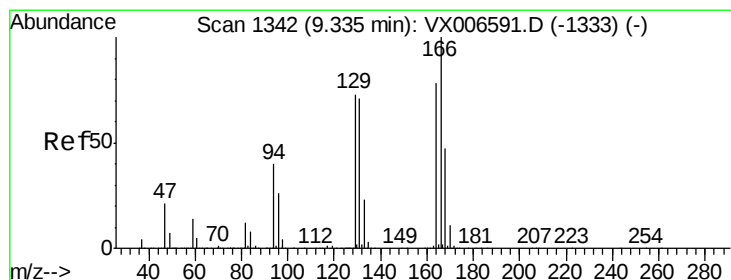
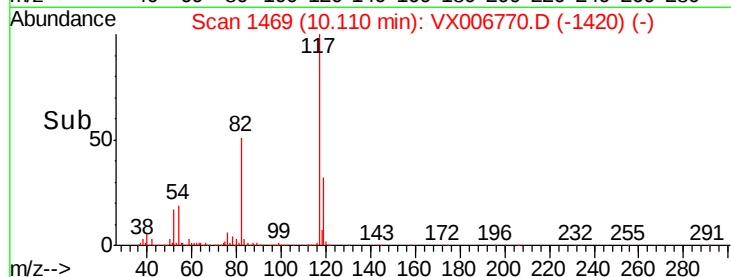
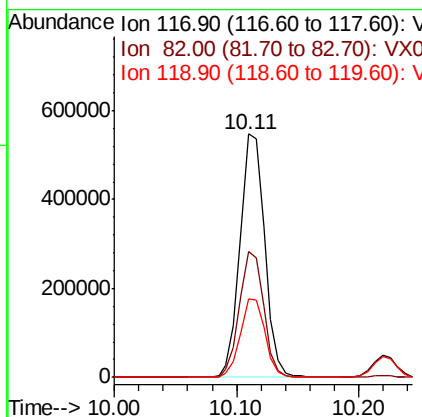
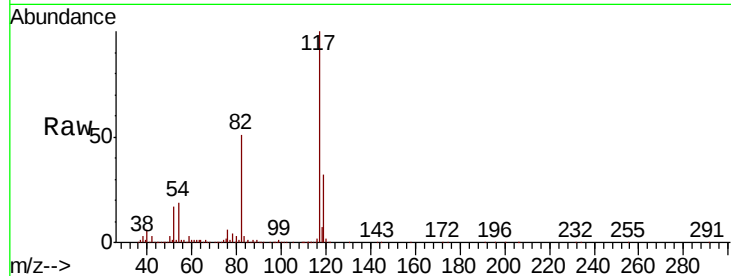
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.5  | 41.0  | 61.6  |
| 119     | 32.0  | 25.4  | 38.0  |

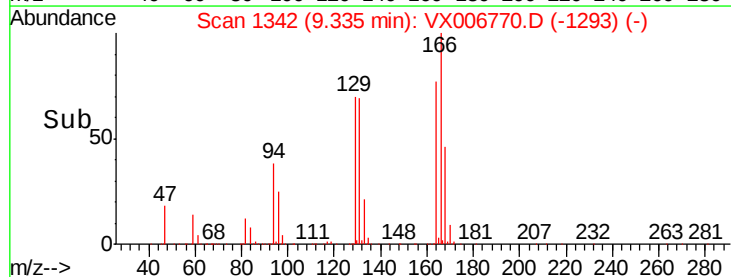
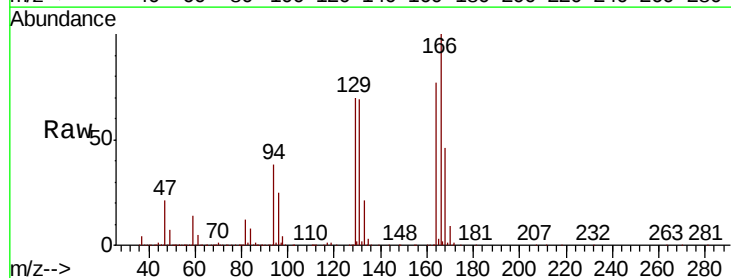
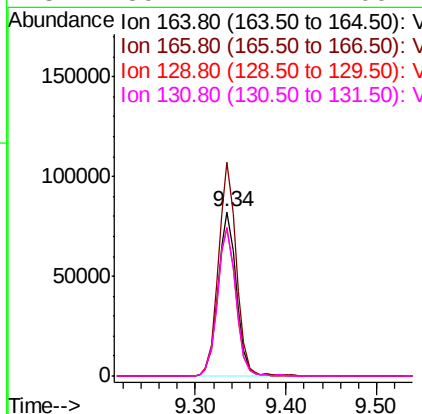
Manual Integrations  
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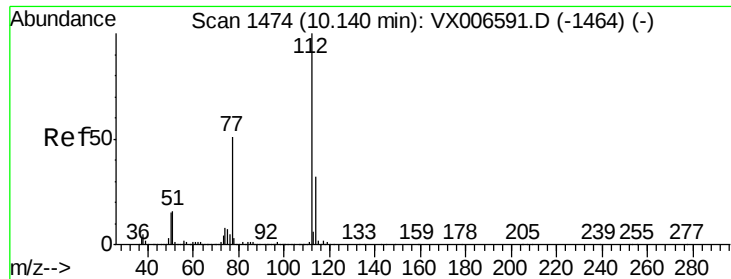
MMDadoda  
12/24/2018 11:47:39 AM



#64  
Tetrachloroethene  
Concen: 19.322 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.0 | 102.5 | 153.7 |
| 129     | 90.5  | 75.1  | 112.7 |
| 131     | 89.1  | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 19.605 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion:112 Resp: 317169

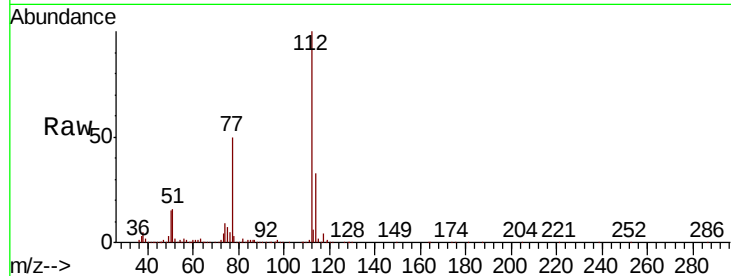
Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

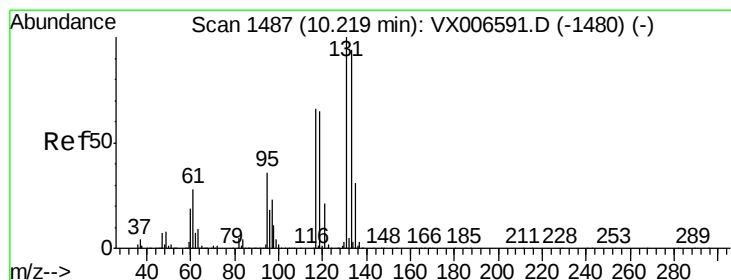
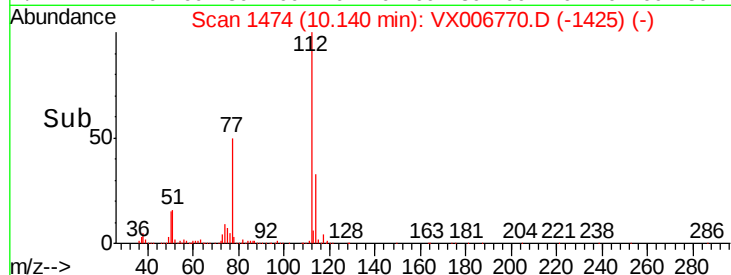
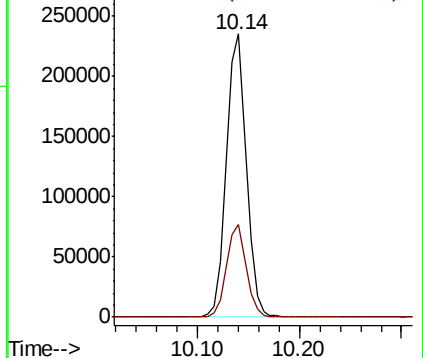
Manual Integrations  
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.535 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

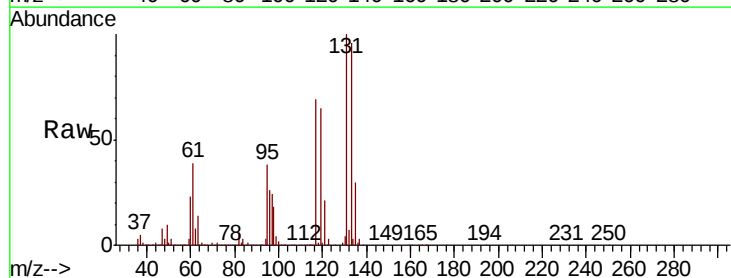
Tgt Ion:131 Resp: 98600

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

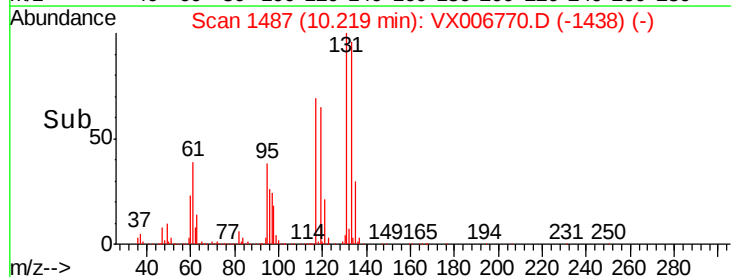
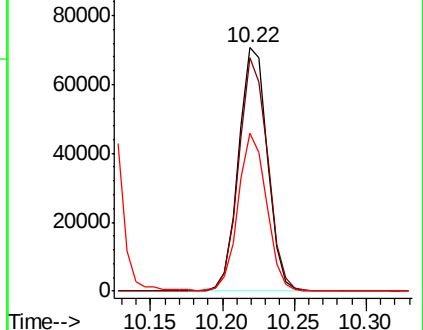
119 63.6 32.6 97.8

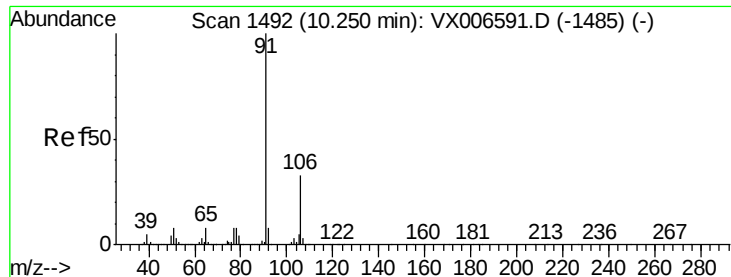


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.544 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 91 Resp: 516655

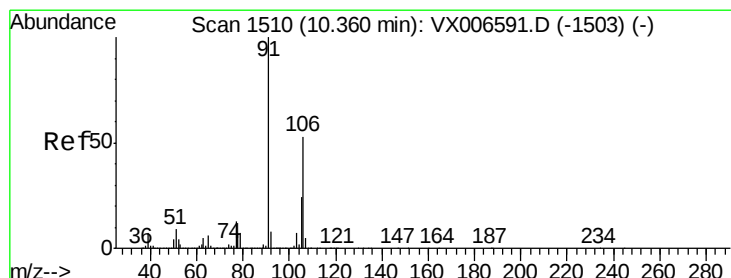
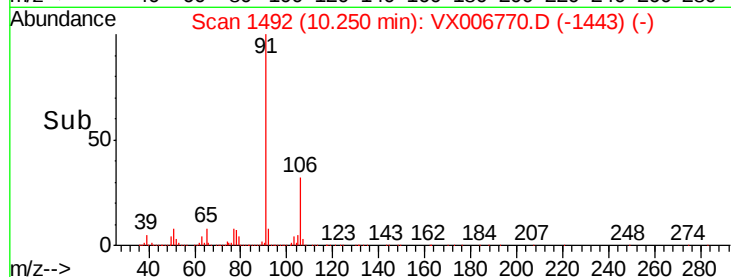
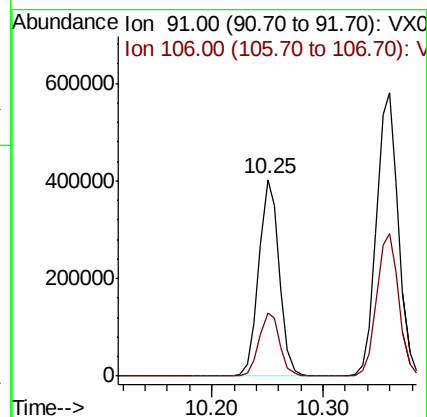
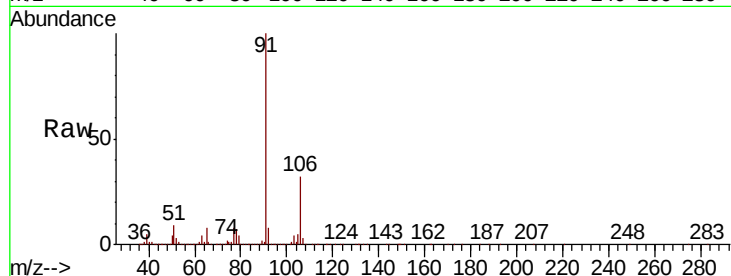
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

Manual Integrations  
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12/24/2018 11:47:39 AM



#68

m/p-Xylenes

Concen: 38.723 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006770.D

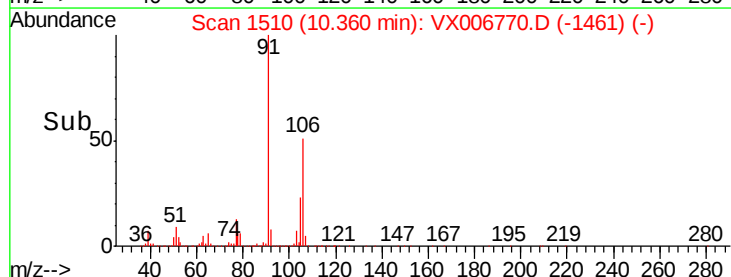
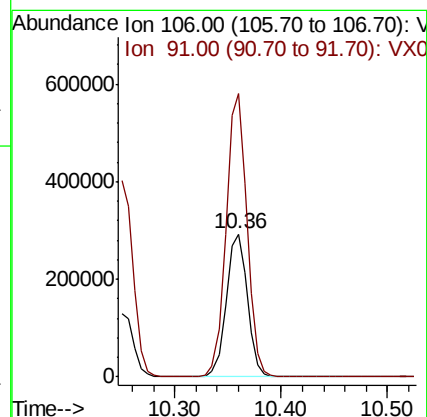
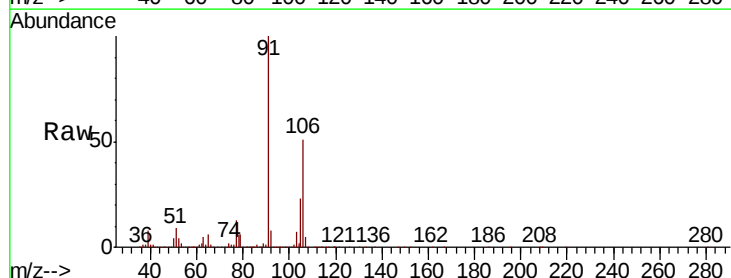
Acq: 22 Dec 2018 14:23

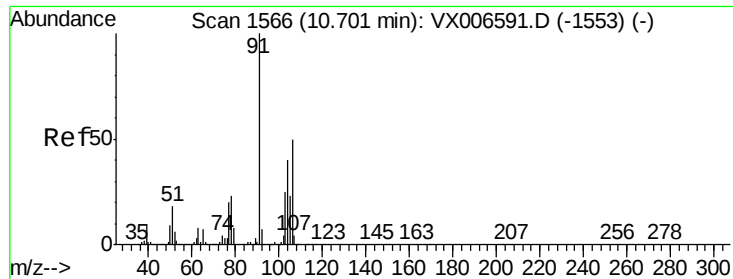
Tgt Ion: 106 Resp: 403929

Ion Ratio Lower Upper

106 100

91 196.6 155.8 233.6





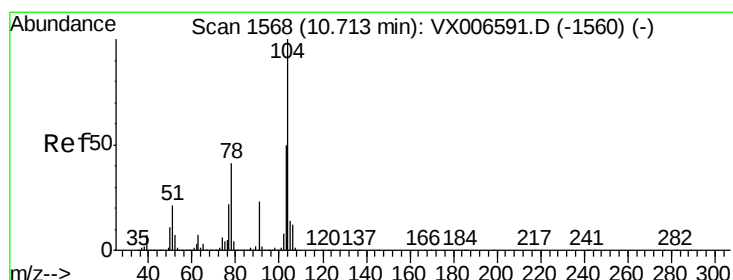
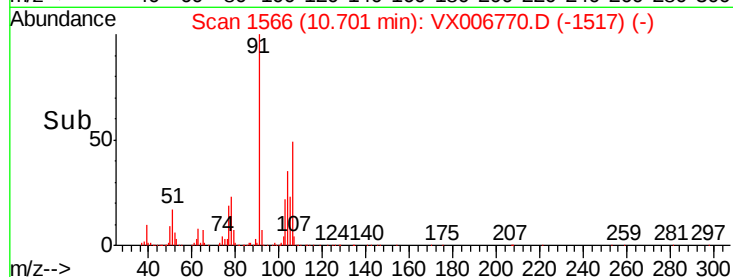
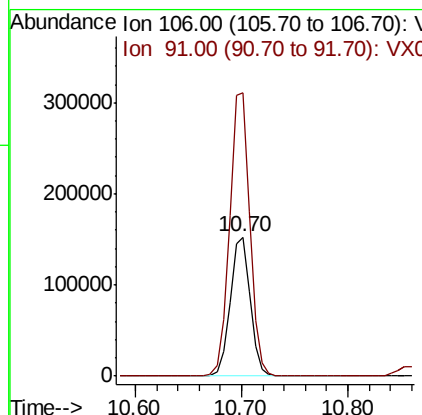
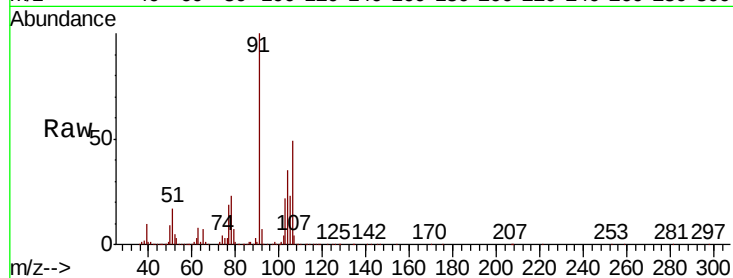
#69  
o-Xylene  
Concen: 19.547 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 205.7 | 101.3 | 303.7 |

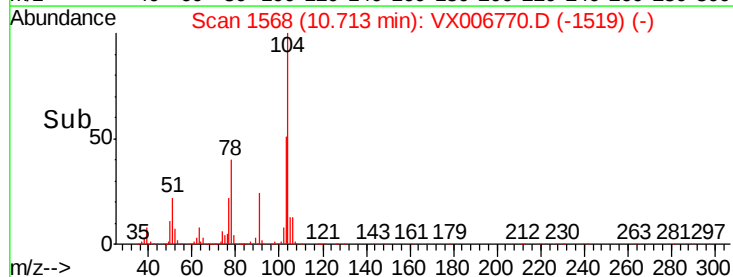
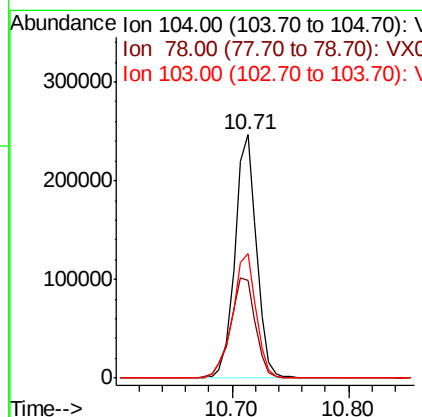
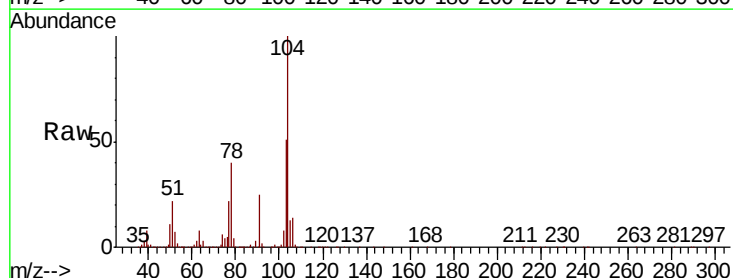
Manual Integrations  
APPROVED

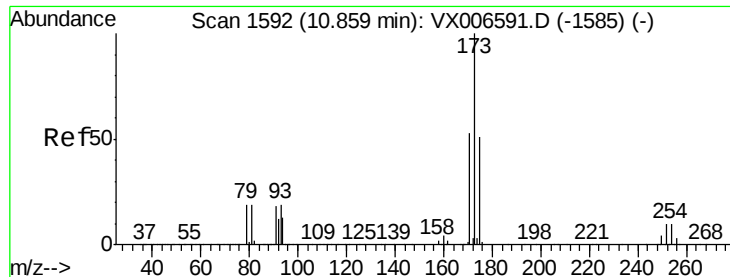
MMDadoda  
12/24/2018 11:47:39 AM



#70  
Styrene  
Concen: 19.576 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.6  | 37.7  | 56.5  |
| 103     | 55.6  | 43.8  | 65.8  |





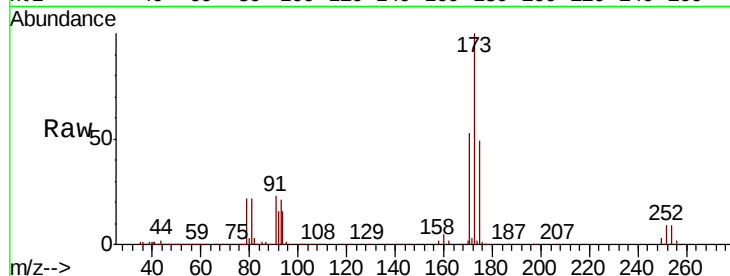
#71  
Bromoform  
Concen: 17.504 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.01 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.8  | 24.7  | 74.1  |
| 254     | 0.0   | 0.2   | 0.2#  |

Manual Integrations  
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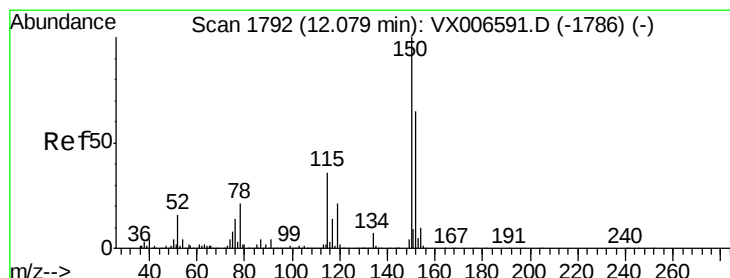
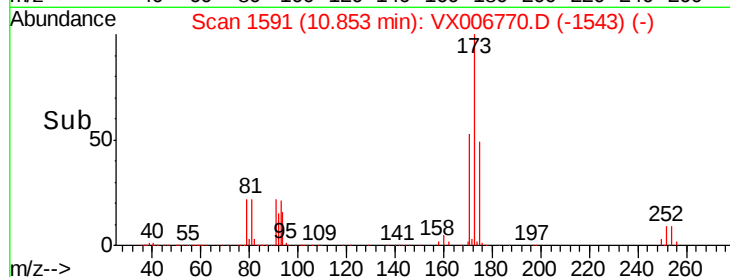
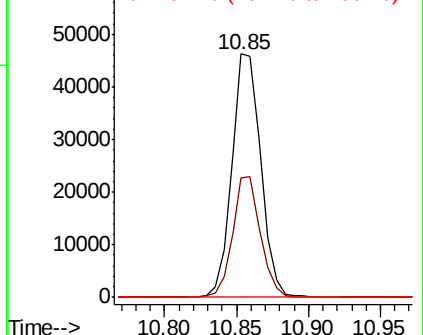


Abundance

Ion 172.70 (172.40 to 173.40): V

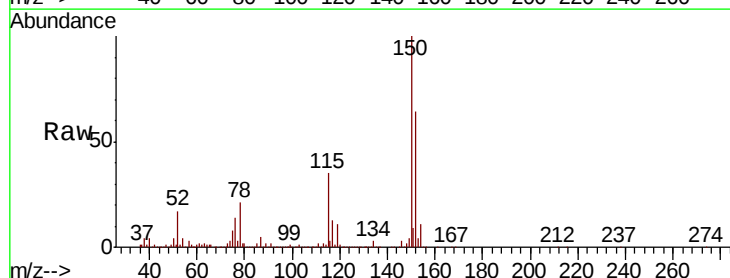
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.5  | 39.1  | 117.2 |
| 150     | 161.3 | 0.0   | 344.8 |

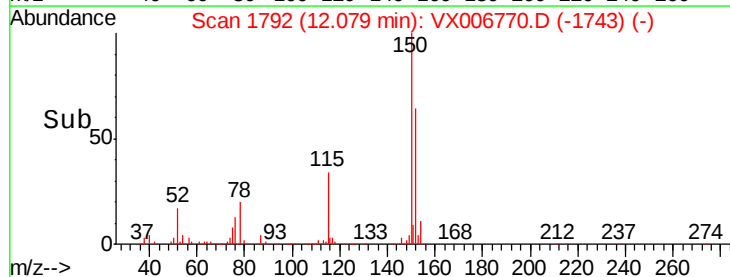
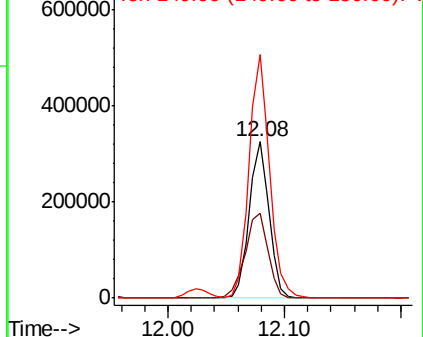


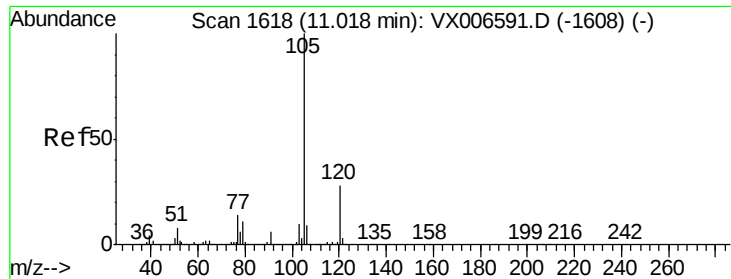
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 105 Resp: 532187

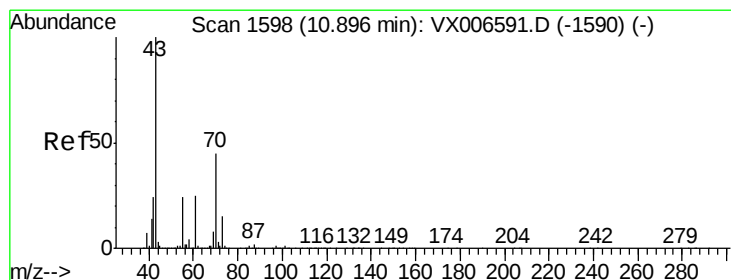
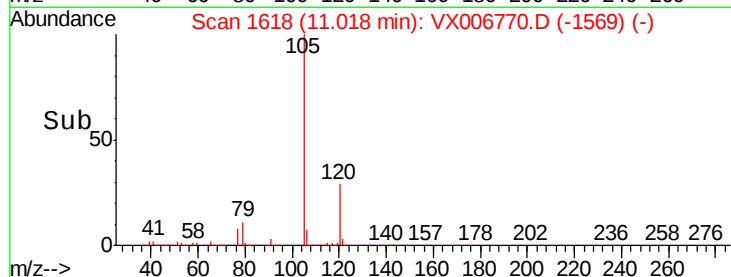
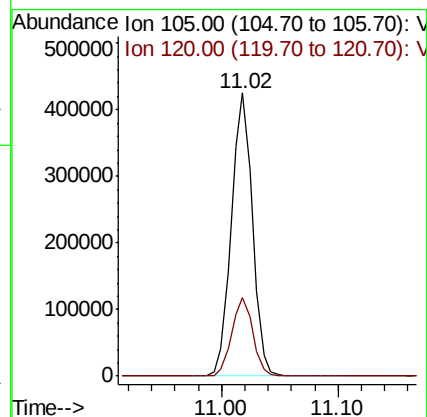
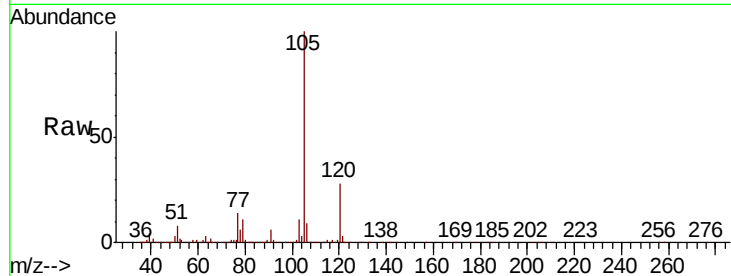
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

Manual Integrations  
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#74

N-ethyl acetate

Concen: 21.180 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Tgt Ion: 43 Resp: 200930

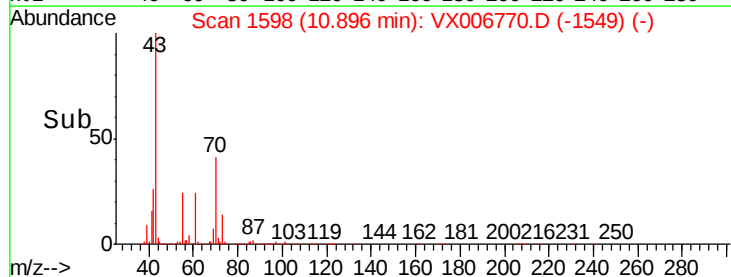
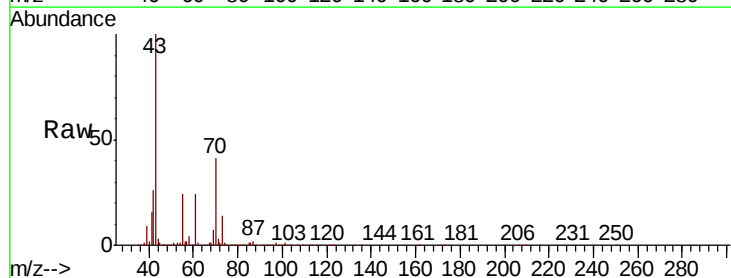
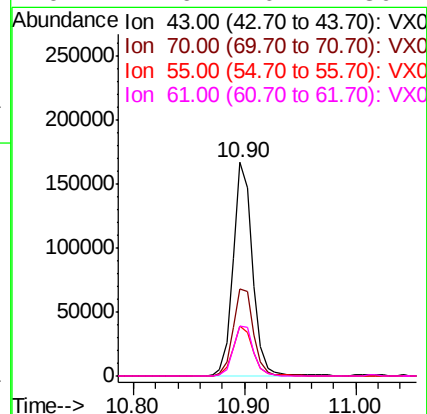
Ion Ratio Lower Upper

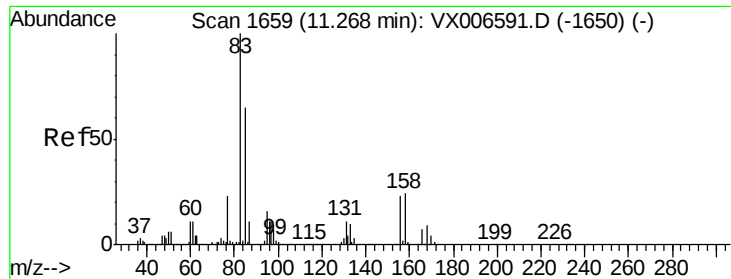
43 100

70 43.1 35.8 53.8

55 24.5 19.4 29.0

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 83 Resp: 168211

Ion Ratio Lower Upper

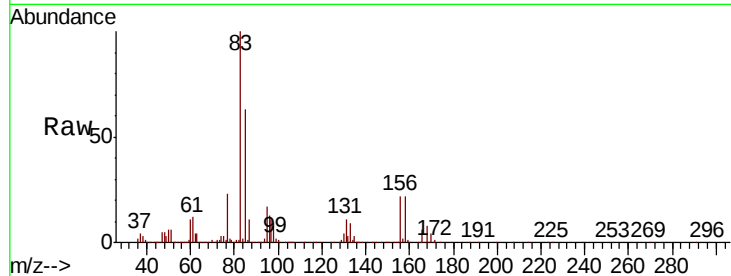
83 100

131 11.1 5.7 17.1

85 65.0 32.2 96.6

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APPROVED

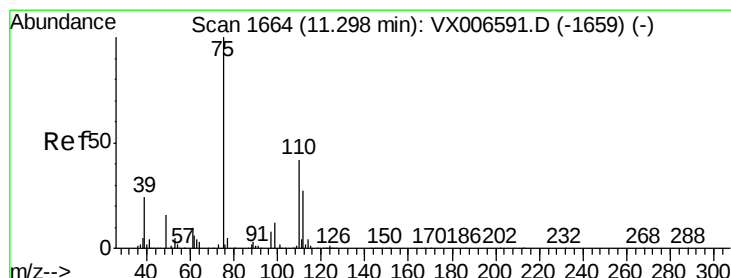
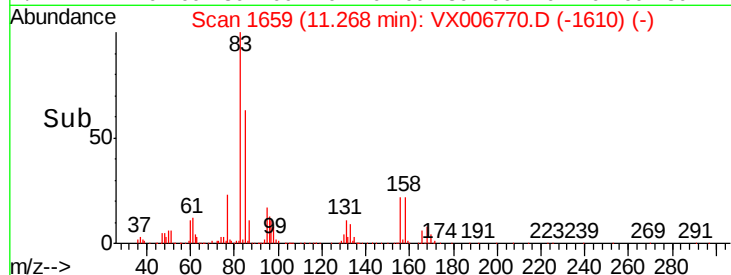
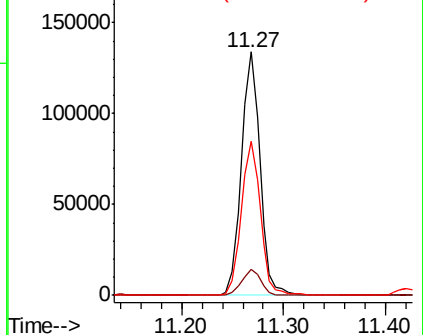
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.467 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006770.D

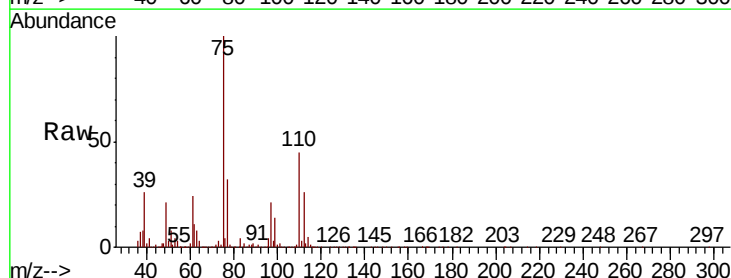
Acq: 22 Dec 2018 14:23

Tgt Ion: 75 Resp: 147362

Ion Ratio Lower Upper

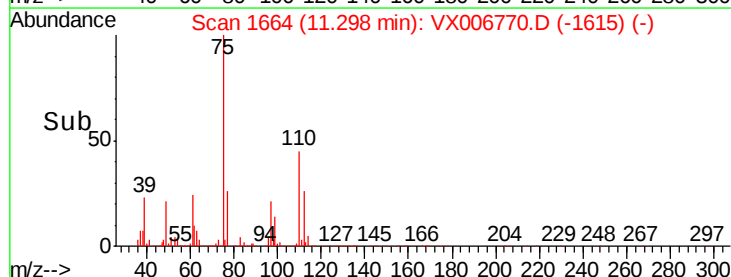
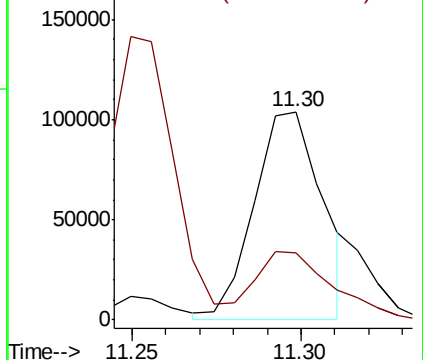
75 100

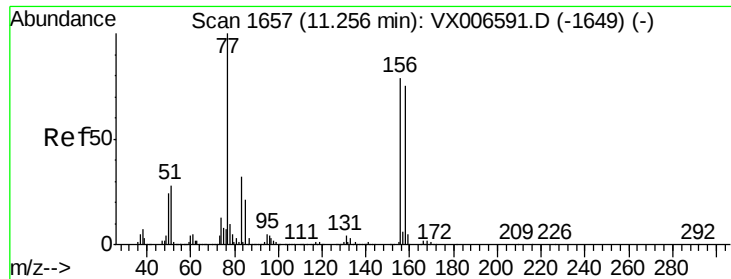
77 38.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.817 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 156 Resp: 141999

Ion Ratio Lower Upper

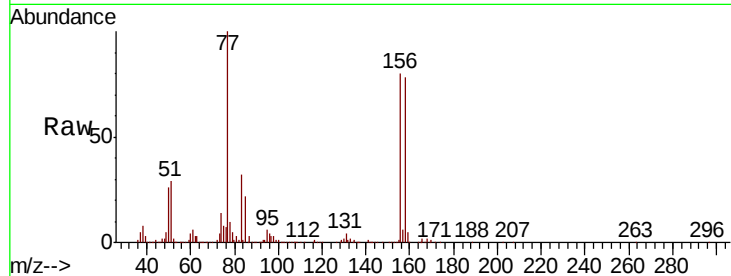
156 100

77 134.5 68.0 204.0

158 97.5 48.3 144.8

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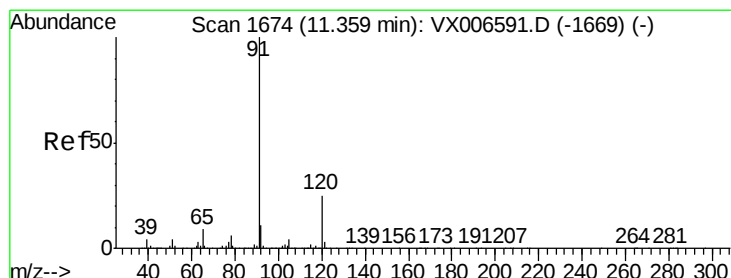
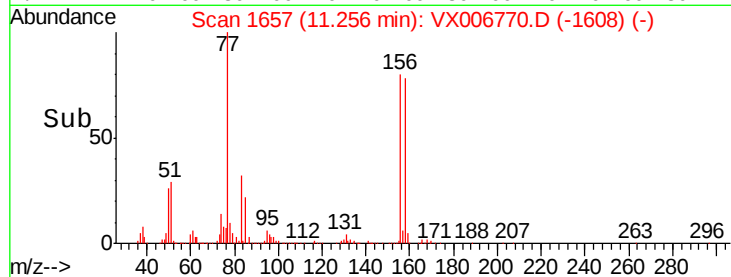
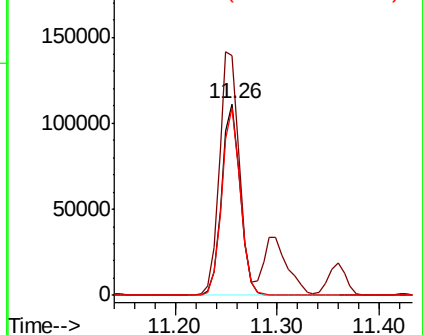
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.024 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006770.D

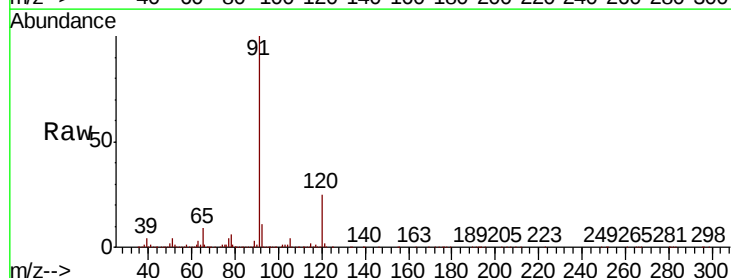
Acq: 22 Dec 2018 14:23

Tgt Ion: 91 Resp: 584438

Ion Ratio Lower Upper

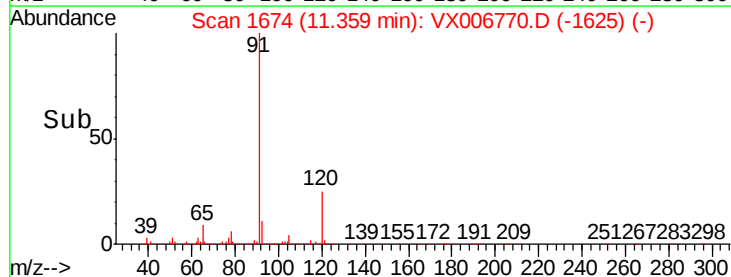
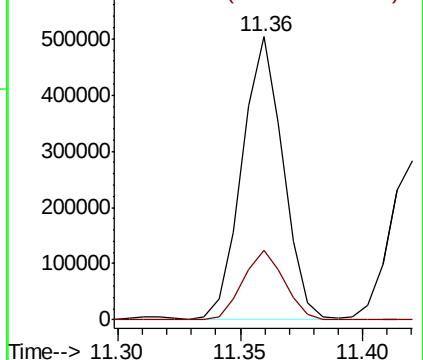
91 100

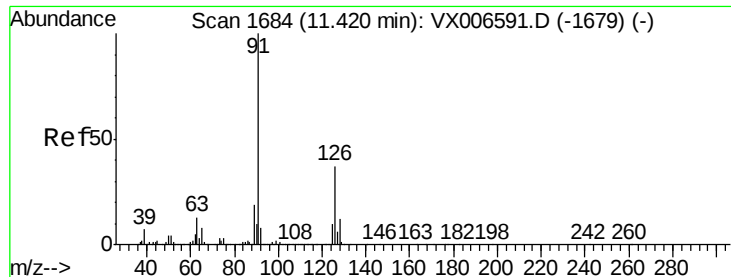
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.606 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

ClientSampleId :

VX1222WBSD01

Tot Ion: 91 Resp: 346769

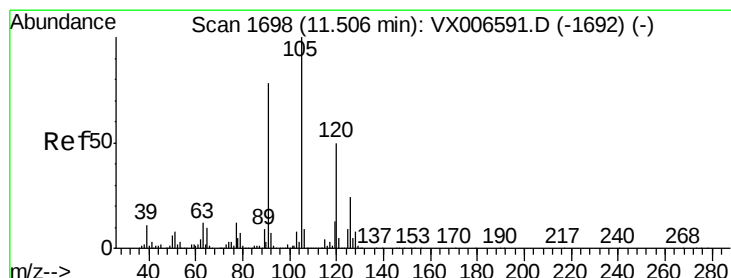
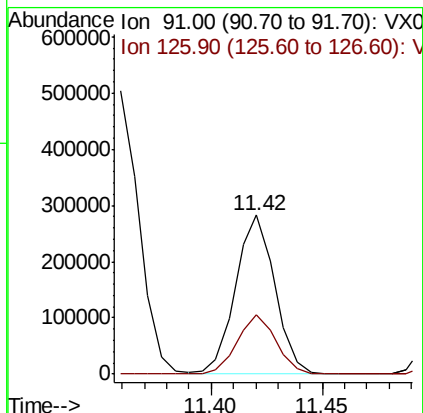
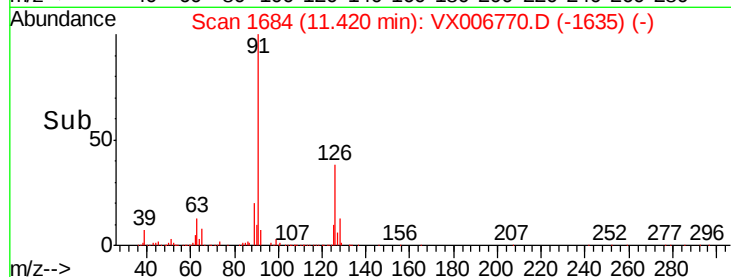
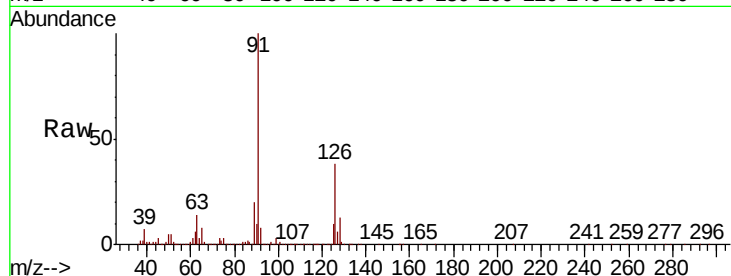
Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006770.D

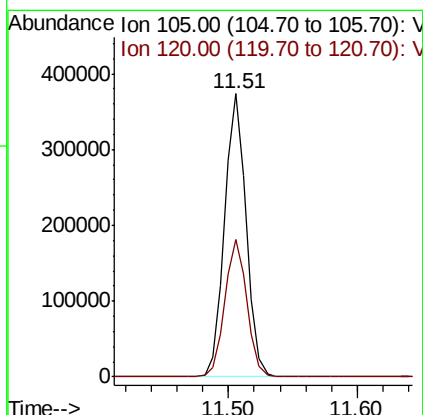
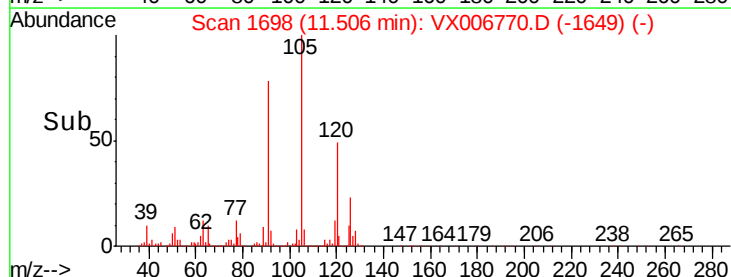
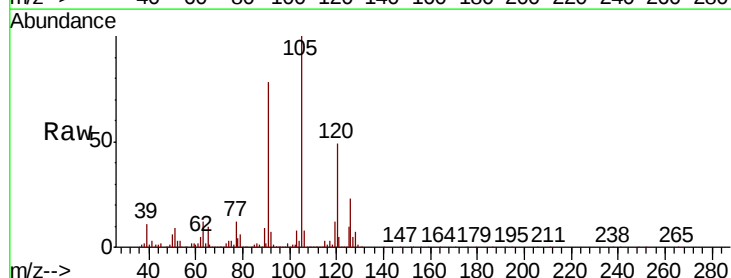
Acq: 22 Dec 2018 14:23

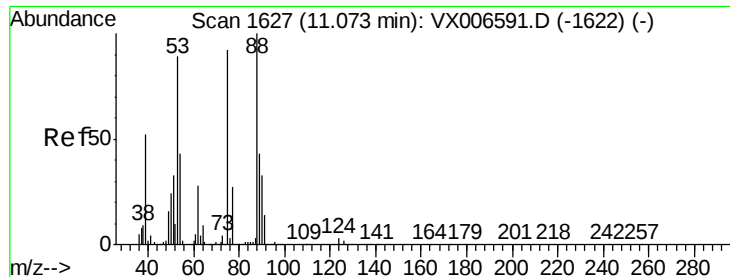
Tgt Ion: 105 Resp: 442183

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3





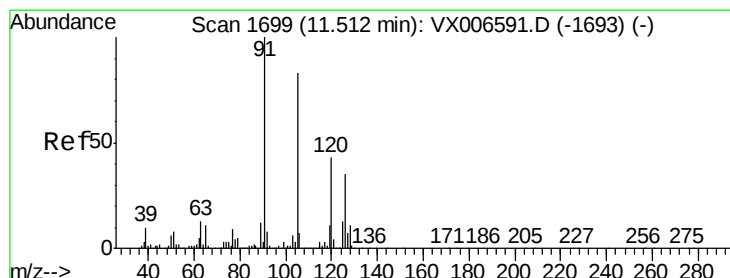
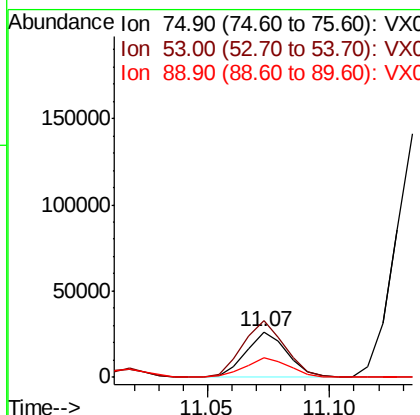
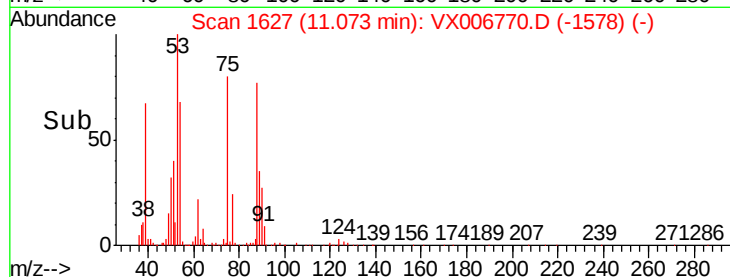
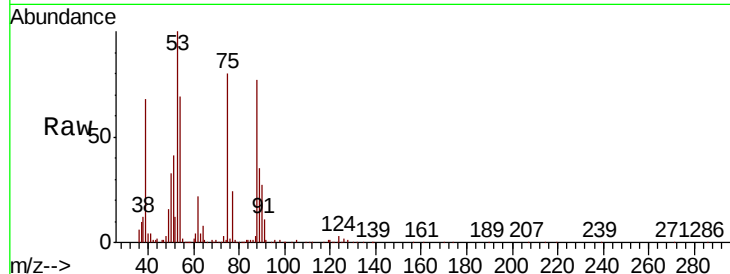
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.252 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 53      | 128.1 | 79.7  | 119.5# |
| 89      | 45.9  | 38.0  | 57.0   |

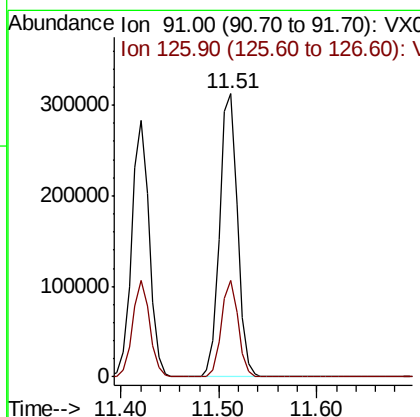
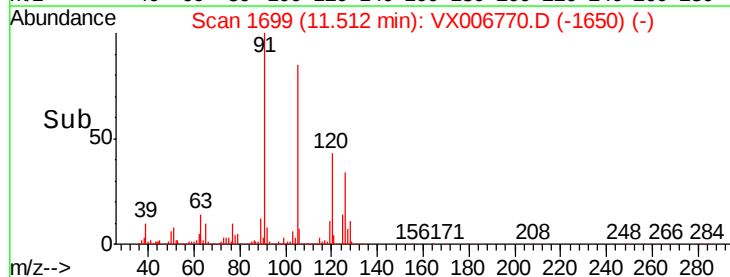
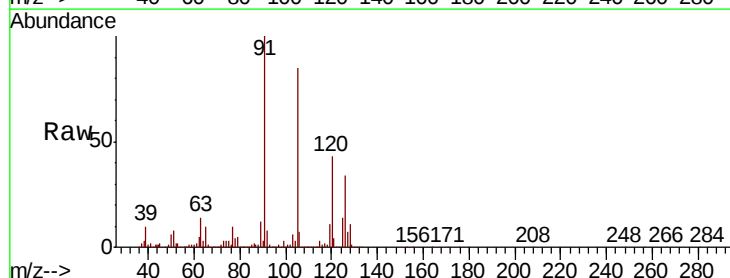
Manual Integrations  
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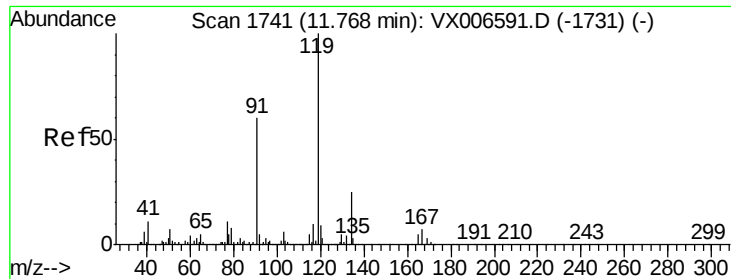
MMDadoda  
12/24/2018 11:47:39 AM



#82  
4-Chlorotoluene  
Concen: 19.565 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.9  | 16.3  | 48.9  |





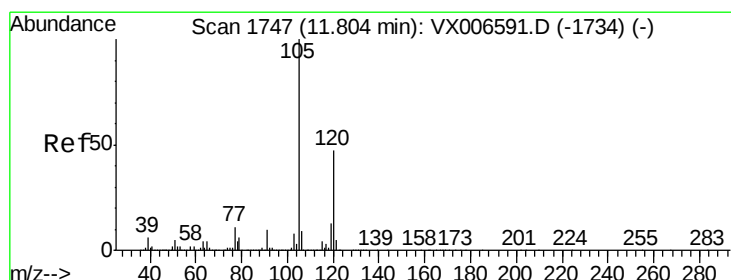
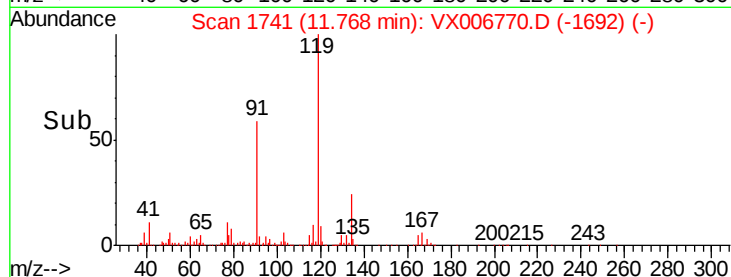
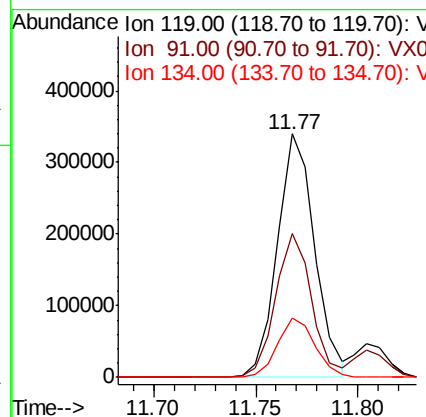
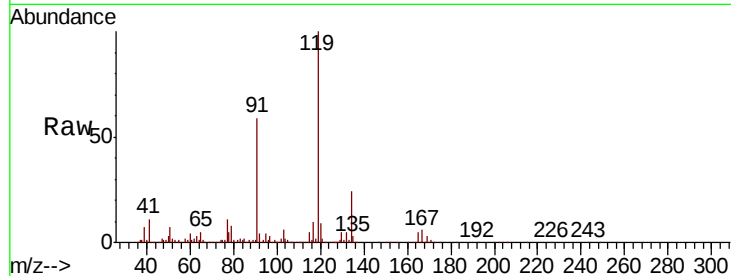
#83  
tert-Butylbenzene  
Concen: 19.831 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.3  | 27.7  | 83.1  |
| 134     | 24.6  | 11.9  | 35.5  |

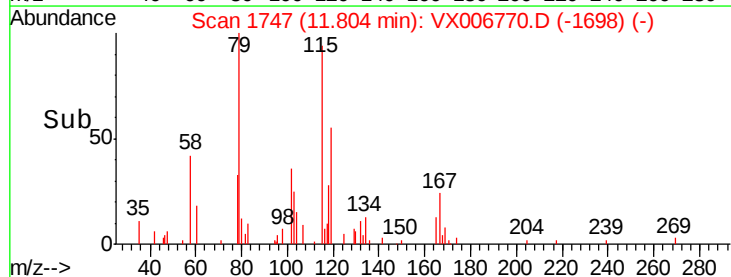
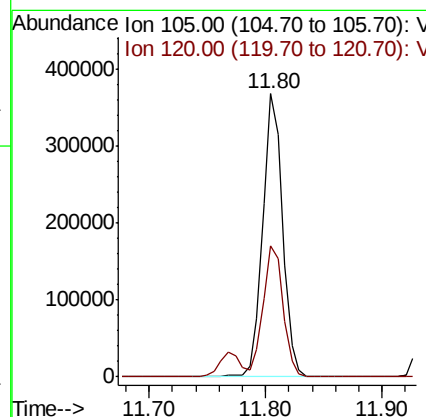
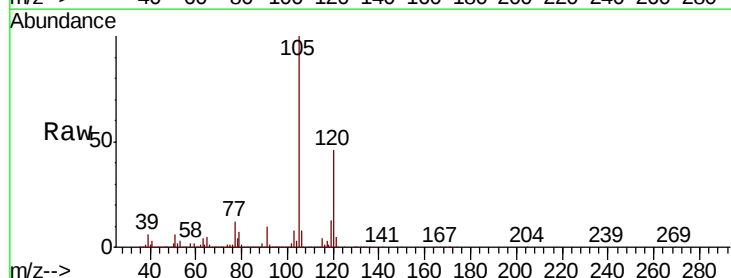
Manual Integrations  
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.227 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.4  | 23.2  | 69.6  |





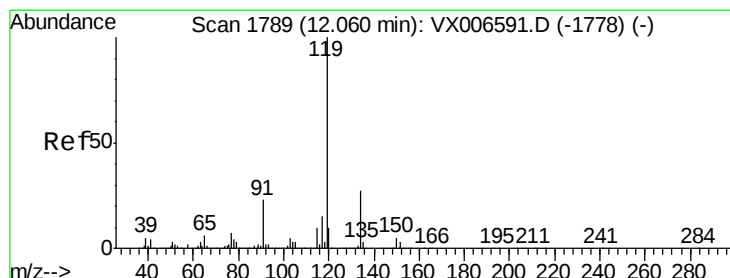
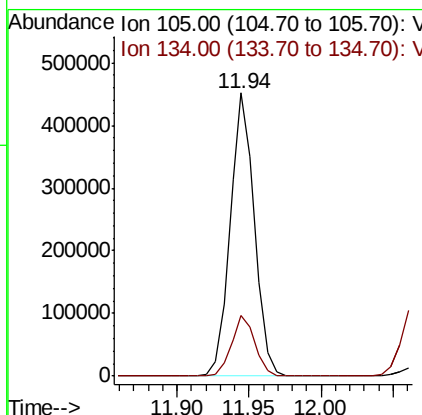
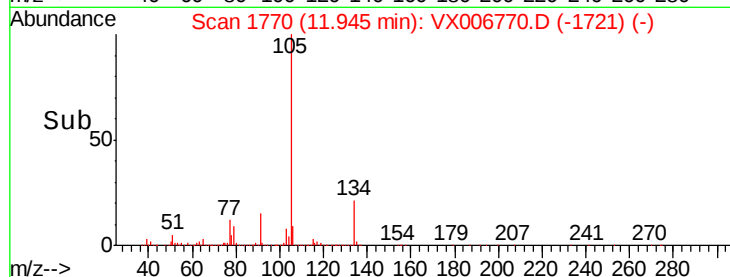
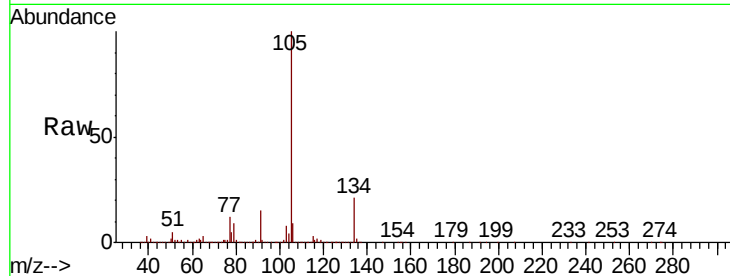
#85  
 sec-Butylbenzene  
 Concen: 19.809 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.0  | 10.7  | 31.9  |

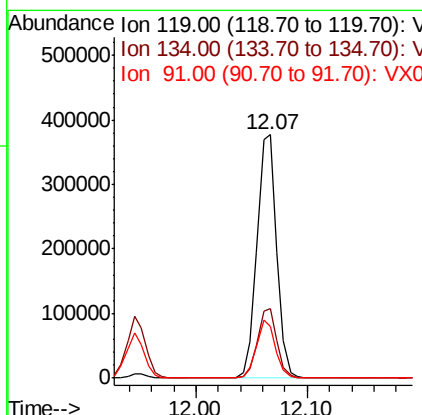
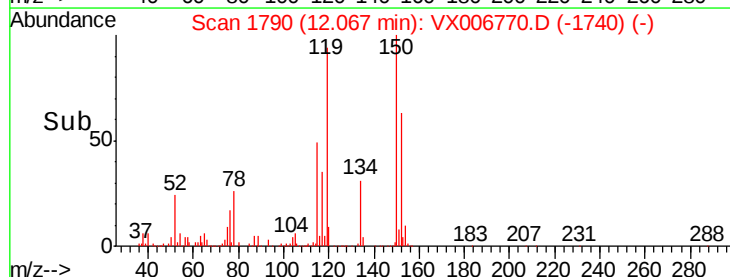
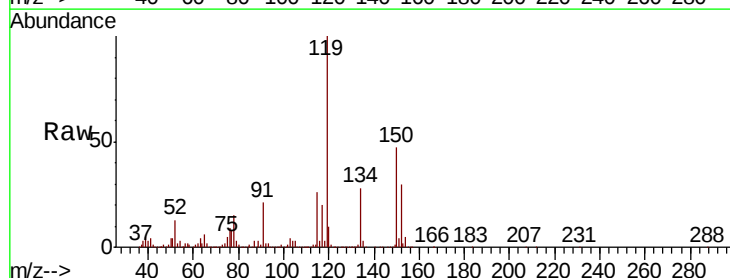
Manual Integrations  
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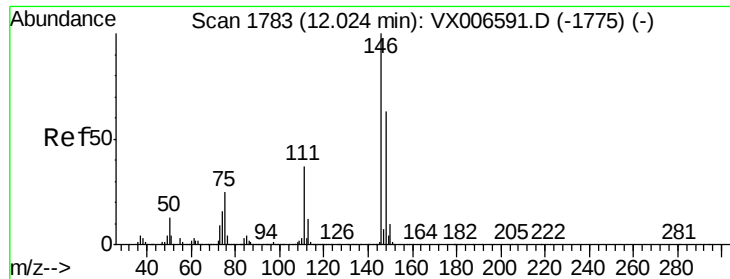
MMDadoda  
 12/24/2018 11:47:39 AM



#86  
 p-Isopropyltoluene  
 Concen: 19.823 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. 0.01 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 28.2  | 14.0  | 41.9  |
| 91      | 22.6  | 11.3  | 33.9  |





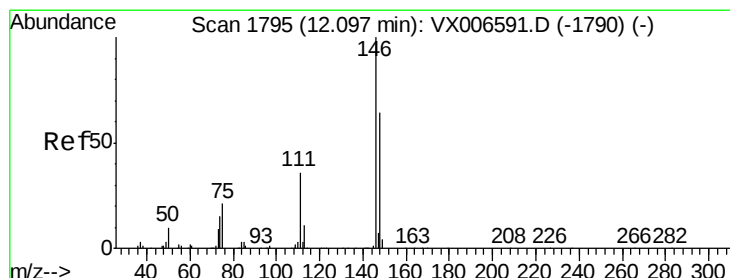
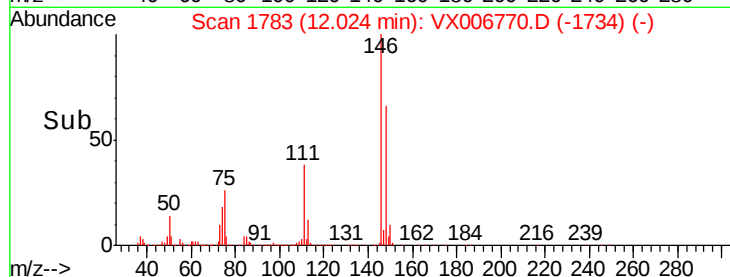
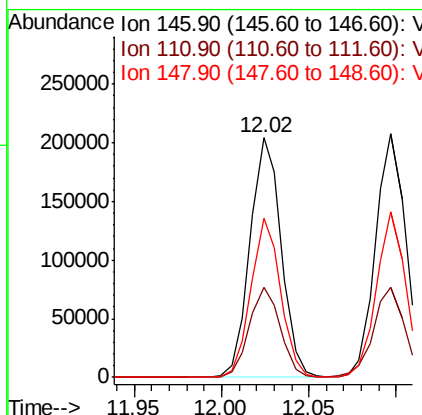
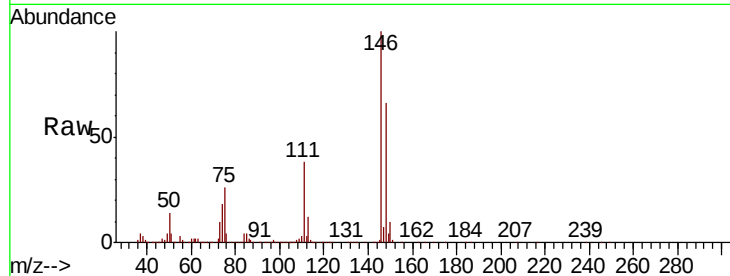
#87  
 1,3-Dichlorobenzene  
 Concen: 19.563 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.6  | 55.8  |
| 148     | 63.6  | 31.8  | 95.3  |

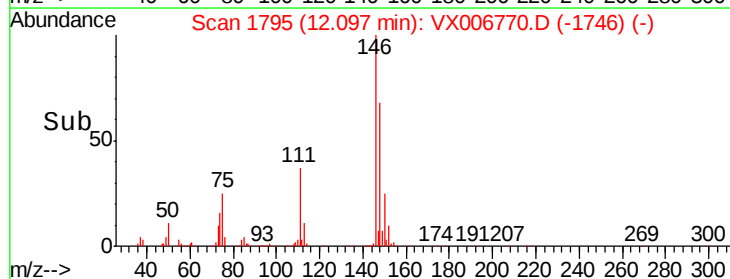
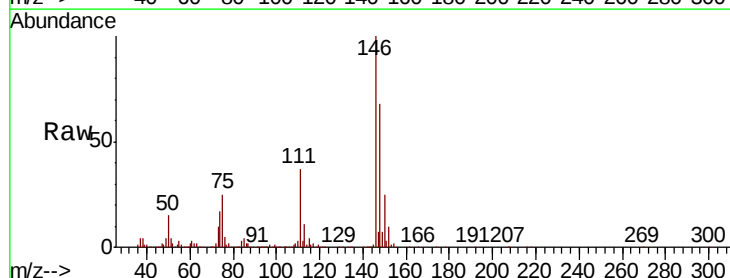
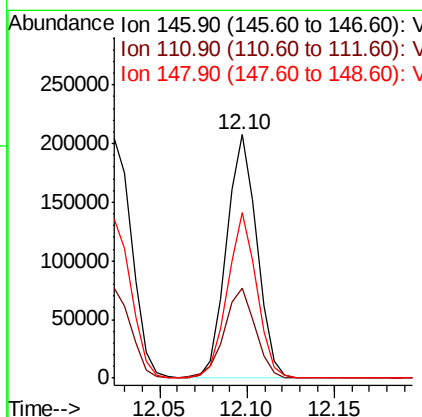
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.904 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX006770.D  
 Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 18.1  | 54.1  |
| 148     | 65.4  | 31.9  | 95.9  |





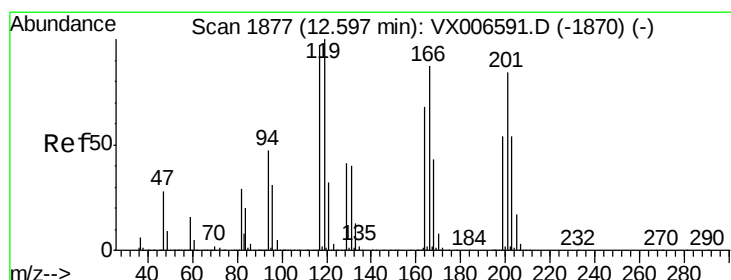
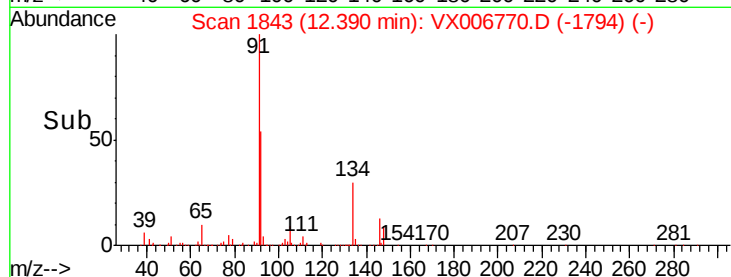
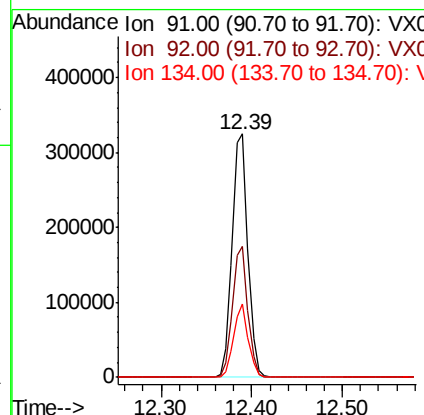
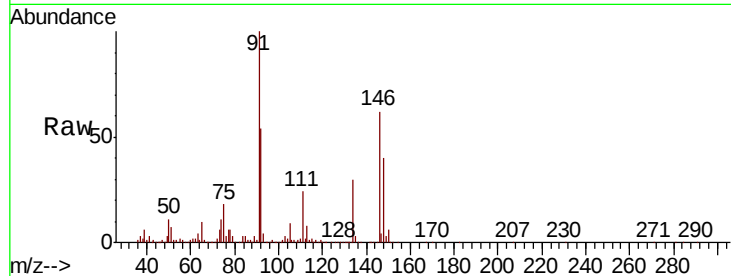
#89  
n-Butylbenzene  
Concen: 19.543 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.8  | 80.4  |
| 134     | 28.0  | 14.4  | 43.2  |

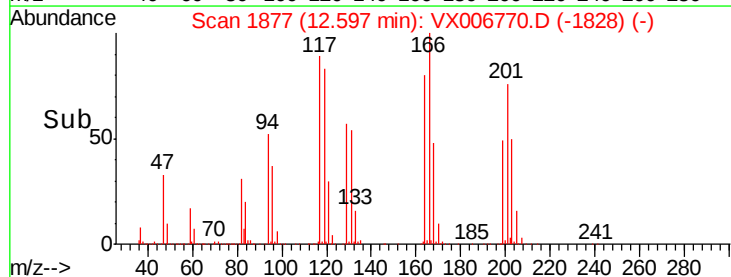
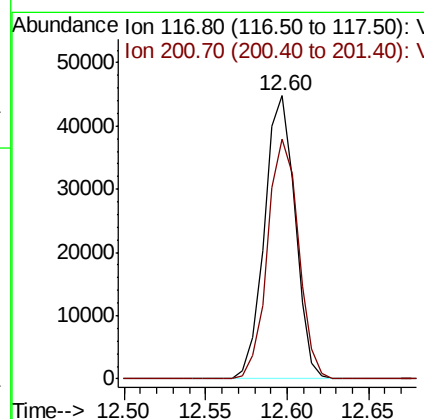
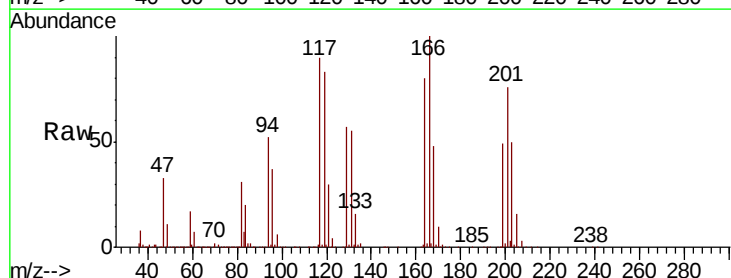
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#90  
Hexachloroethane  
Concen: 18.101 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.6  | 42.9  | 128.7 |





#91

1,2-Dichlorobenzene

Concen: 19.422 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

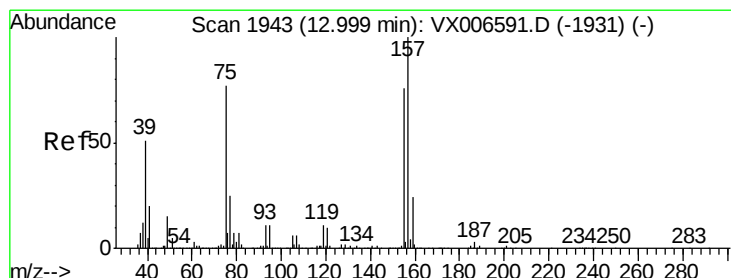
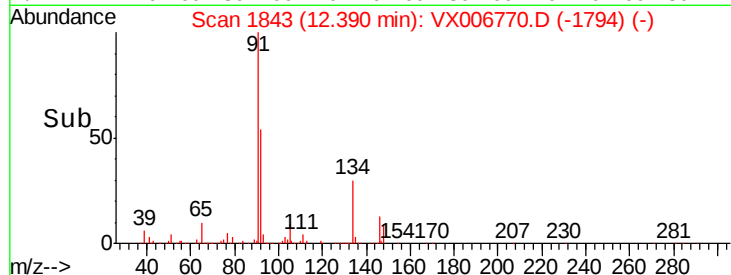
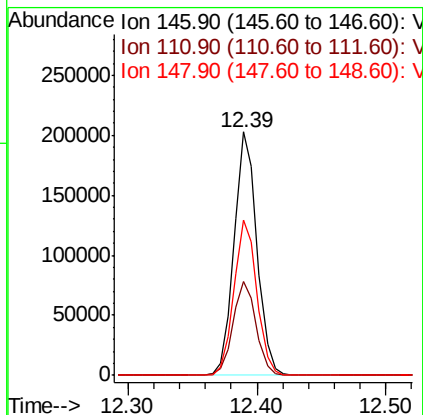
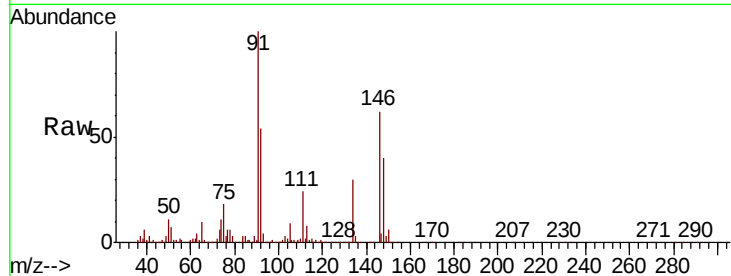
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 250906 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.9  | 19.4  | 58.2   |
| 148       | 63.8  | 32.3  | 96.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.664 ug/l

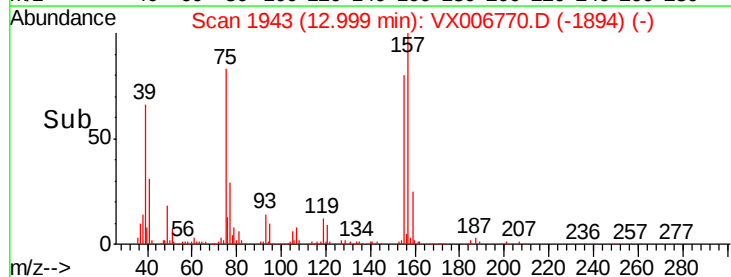
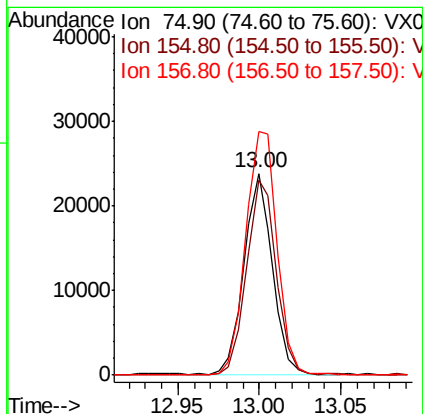
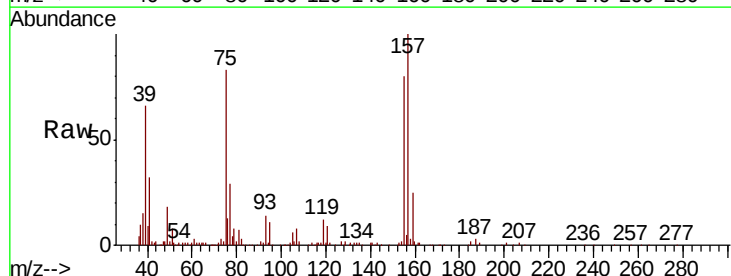
RT: 13.00 min Scan# 1943

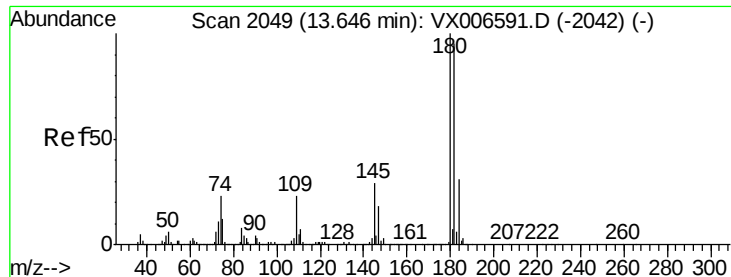
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 28809 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 101.9 | 50.6  | 151.8 |
| 157       | 134.4 | 64.6  | 193.8 |





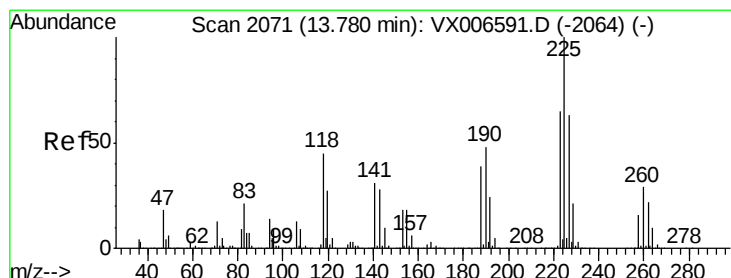
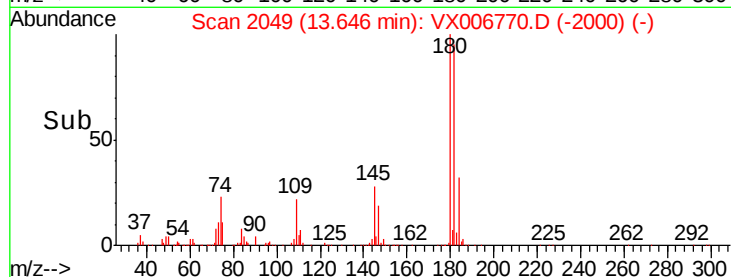
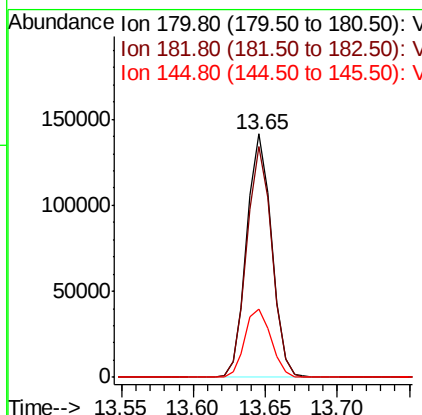
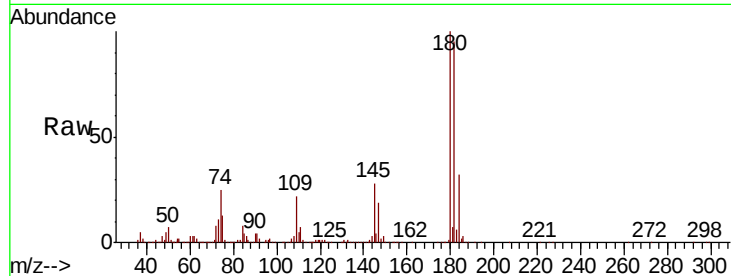
#93  
1,2,4-Trichlorobenzene  
Concen: 19.010 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1222WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 169397 |       |       |
| 182     | 95.6  | 47.3   | 142.0 |       |
| 145     | 29.5  | 14.8   | 44.3  |       |

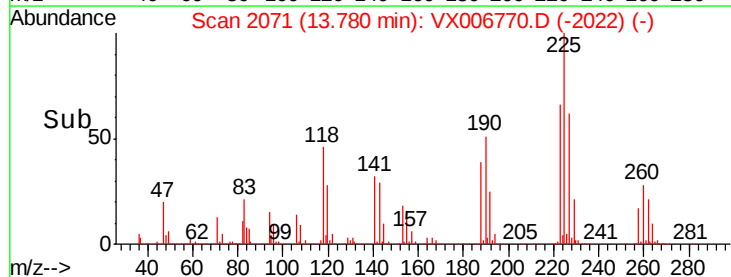
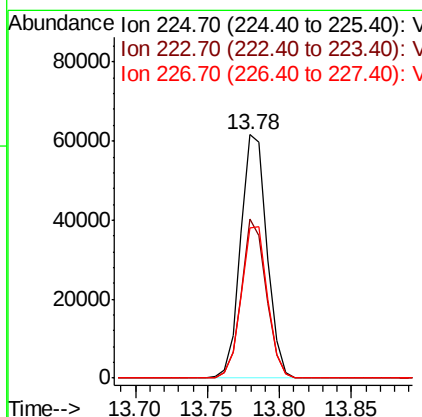
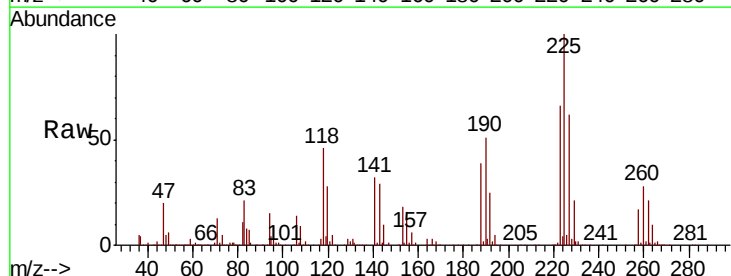
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#94  
Hexachlorobutadiene  
Concen: 18.500 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: VX006770.D  
Acq: 22 Dec 2018 14:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 77705 |       |       |
| 223     | 62.0  | 32.1  | 96.3  |       |
| 227     | 62.4  | 32.3  | 96.8  |       |





#95

Naphthalene

Concen: 19.168 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA\_X

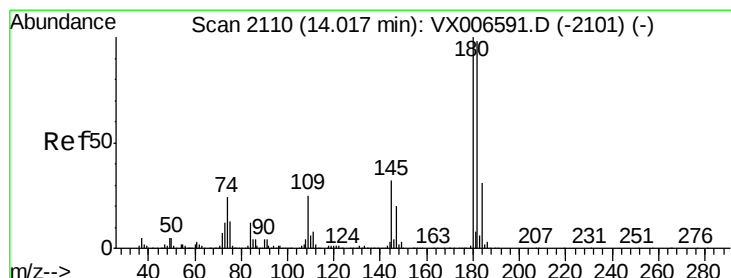
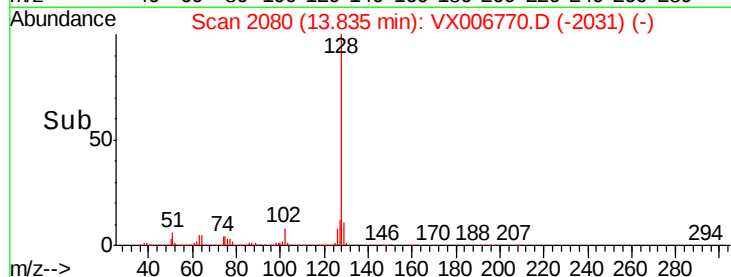
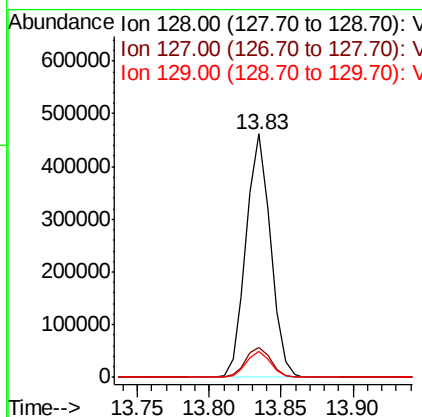
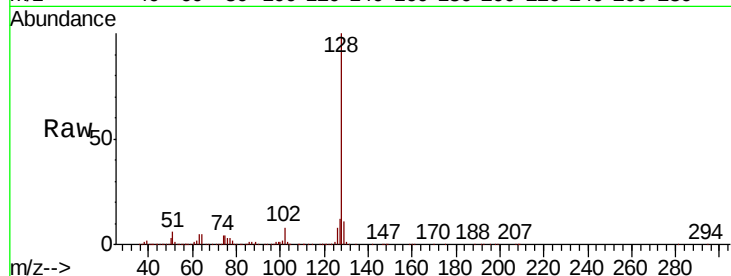
ClientSampleId :

VX1222WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 545155 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.1  | 15.1   |
| 129       | 10.8  | 8.6   | 13.0   |

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#96

1,2,3-Trichlorobenzene

Concen: 19.028 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 175073 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.1  | 48.5  | 145.5  |
| 145       | 30.6  | 16.0  | 47.9   |

