

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\  
 Data File : VX008750.D  
 Acq On : 08 Apr 2019 17:12  
 Operator : JC/SP  
 Sample : K2295-10MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2019 1:50:04 PM

Quant Time: Apr 09 07:25:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 157863   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 272485   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 235507   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 109893   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 119774   | 52.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.04% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 88898    | 51.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.06% |      |
| 50) Toluene-d8            | 8.72   | 98  | 343129   | 49.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.92%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 122435   | 49.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.54%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 79804   | 43.917  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 109023  | 48.919  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 111926  | 45.564  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 54368   | 45.121  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 70633   | 52.822  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 127266  | 46.869  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 64009   | 49.708  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 78122   | 44.686  | ug/l | 97     |
| 10) Methyl Iodide             | 2.51 | 142 | 76787   | 48.368  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 154654  | 286.901 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 82950   | 45.451  | ug/l | 99     |
| 13) Acrolein                  | 2.29 | 56  | 96162   | 359.768 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 206210  | 49.357  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 381246  | 266.972 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 314448  | 237.107 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 240669  | 45.601  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 168156  | 52.281  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 337038  | 51.712  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 103508  | 46.628  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 94207   | 47.722  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.86 | 45  | 405102  | 50.307  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1791679 | 255.762 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 200042  | 50.174  | ug/l | 99     |
| 25) 2-Butanone                | 4.68 | 43  | 566004  | 270.030 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 122348  | 43.570  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 111648  | 49.192  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 86952   | 52.352  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 378529  | 272.086 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 180881  | 50.795  | ug/l | 98     |
| 31) Cyclohexane               | 5.58 | 56  | 183694  | 46.174  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 144203  | 50.112  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 135282  | 45.419  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.84 | 43  | 204163  | 51.353  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 118367  | 48.015  | ug/l | 97     |

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 Sample : K2295-10MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2019 1:50:04 PM

Quant Time: Apr 09 07:25:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 160690   | 43.672   | ug/l  | 99       |
| 40) Benzene                    | 6.15  | 78   | 423871   | 47.769   | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.05  | 41   | 118515   | 51.860   | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 153384   | 48.217   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 317426   | 50.968   | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 97430    | 47.143   | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 122279   | 48.280   | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 70355    | 47.896   | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 137517   | 49.652   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 160806   | 51.043   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 60870    | 1031.410 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1065651  | 265.803  | ug/l  | 100      |
| 52) Toluene                    | 8.79  | 92   | 248532   | 47.508   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 155827   | 50.227   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 172664   | 48.706   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 105835   | 50.400   | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 191512   | 50.406   | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 185046   | 49.075   | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 825752   | 265.028  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 99555    | 50.311   | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 107926   | 49.370   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 88400    | 50.663   | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 251138   | 48.107   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 91842    | 50.148   | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 468506   | 48.129   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 338234   | 96.637   | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 165714   | 48.855   | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 288310   | 49.310   | ug/l  | 100      |
| 71) Bromoform                  | 10.86 | 173  | 73331    | 52.426   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 437785   | 48.070   | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 266437   | 49.726   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 171997   | 49.659   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 168154m  | 55.701   | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 105928   | 48.383   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 503215   | 47.455   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 301505   | 46.984   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 367981   | 48.135   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 55303    | 50.498   | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 347186   | 46.740   | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 360458   | 49.010   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 369437   | 47.726   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 418273   | 47.878   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 376444   | 48.009   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 183854   | 46.908   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 183953   | 46.349   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 345428   | 46.975   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 63331    | 48.697   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 186438   | 47.908   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 40392    | 53.013   | ug/l  | 98       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 128953   | 47.659   | ug/l  | 99       |

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Sample : K2295-10MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Manual Integrations  
APPROVED

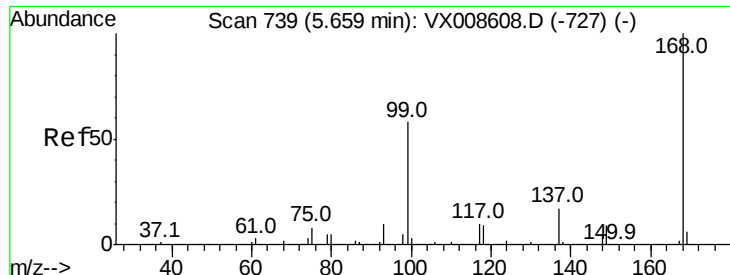
MMDadoda  
4/9/2019 1:50:04 PM

Quant Time: Apr 09 07:25:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 60661    | 46.747 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 459418   | 50.802 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 133121   | 49.242 | ug/l  | 98       |

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





#1

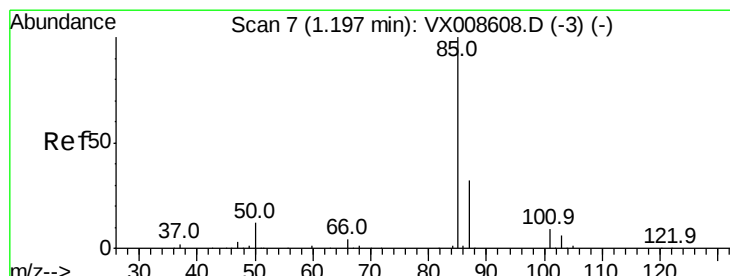
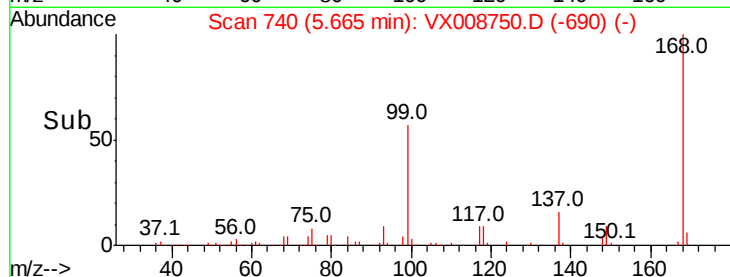
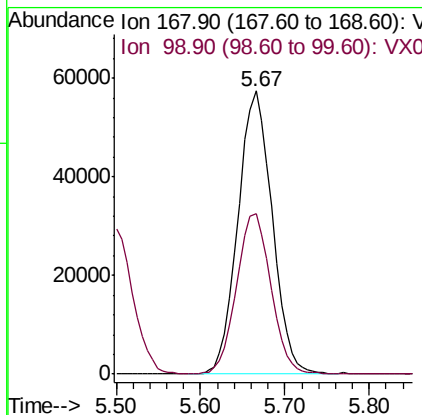
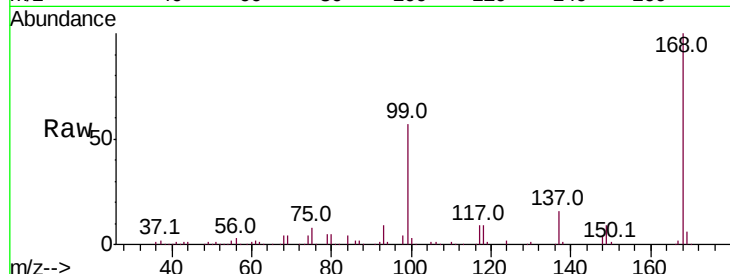
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. 0.01 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 56.4  | 46.7  | 70.1  |

Manual Integrations  
 APPROVED

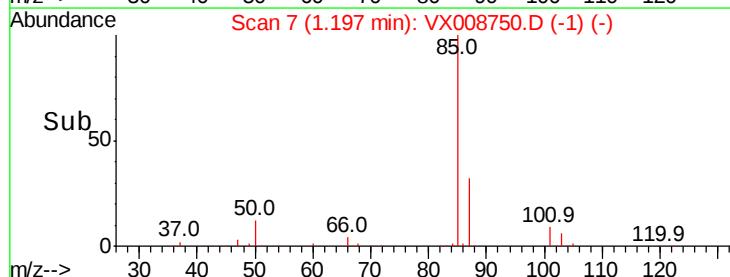
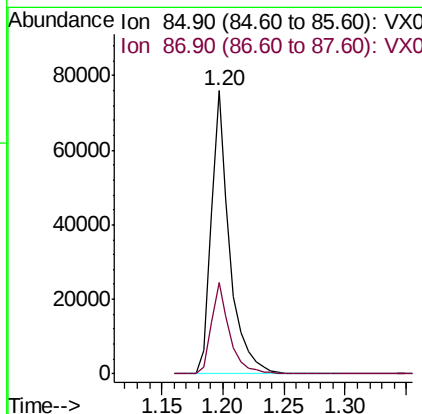
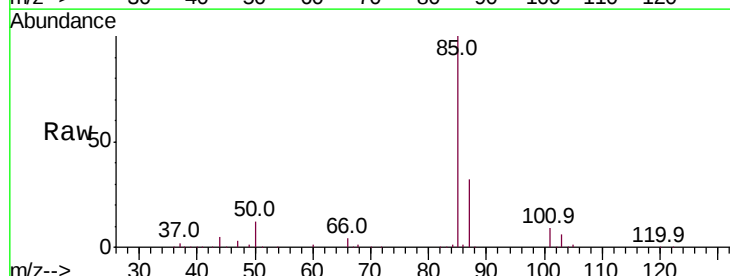
MMDadoda  
 4/9/2019 1:50:04 PM

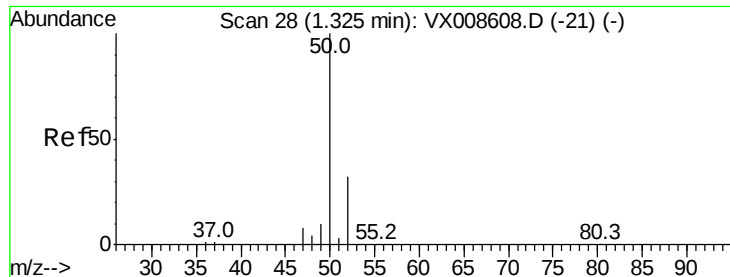


#2

Dichlorodifluoromethane  
 Concen: 43.917 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.4  | 15.8  | 47.3  |





#3

Chloromethane

Concen: 48.919 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 50 Resp: 109023

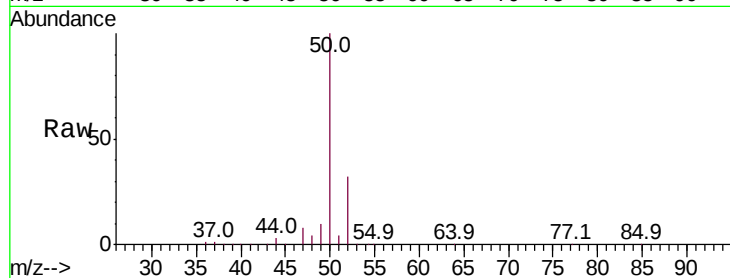
Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8

Manual Integrations  
APPROVED

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4/9/2019 1:50:04 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

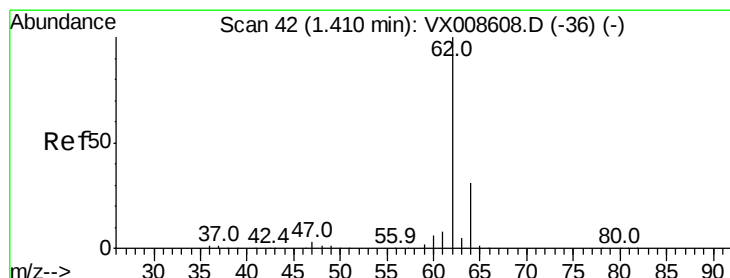
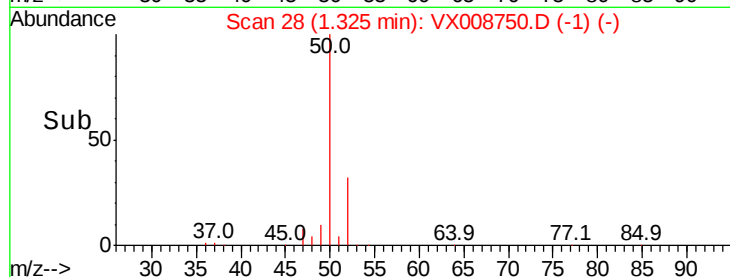
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 45.564 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008750.D

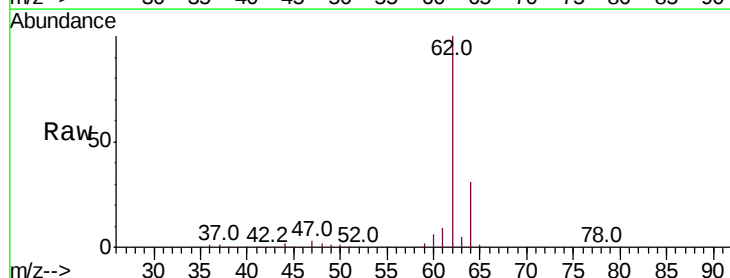
Acq: 08 Apr 2019 17:12

Tgt Ion: 62 Resp: 111926

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

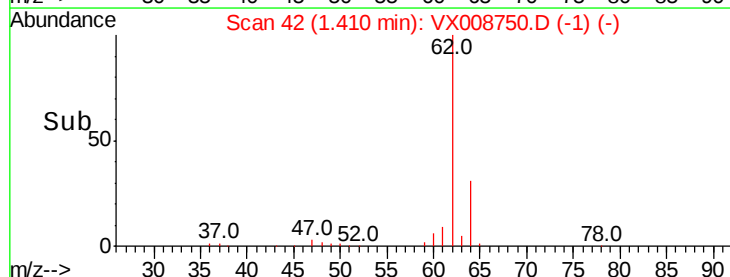
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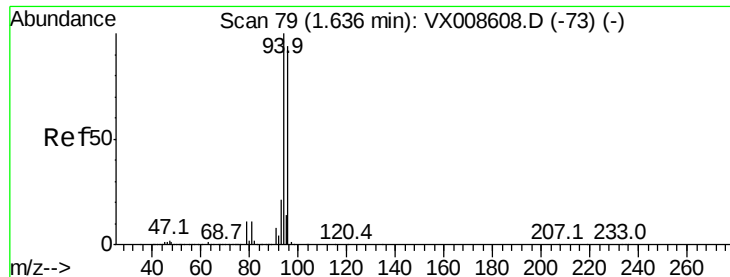
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 45.121 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 94 Resp: 54368

Ion Ratio Lower Upper

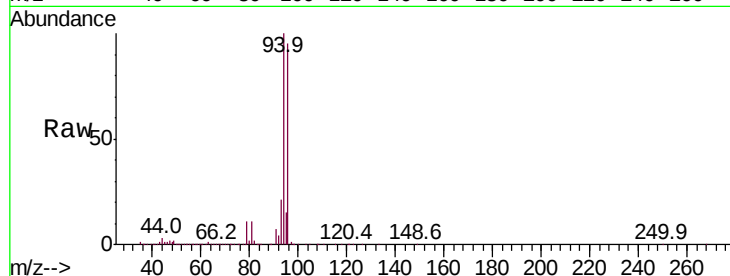
94 100

96 94.6 75.2 112.8

Manual Integrations  
APPROVED

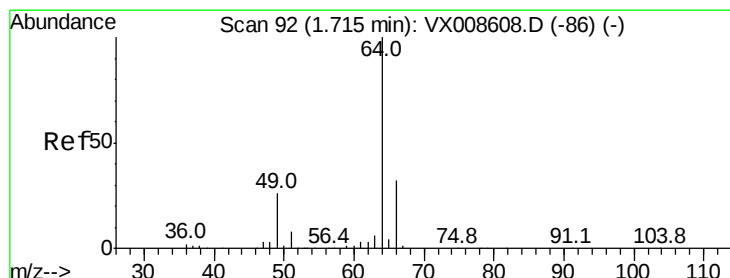
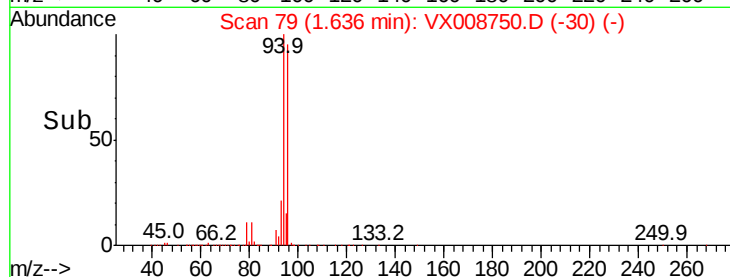
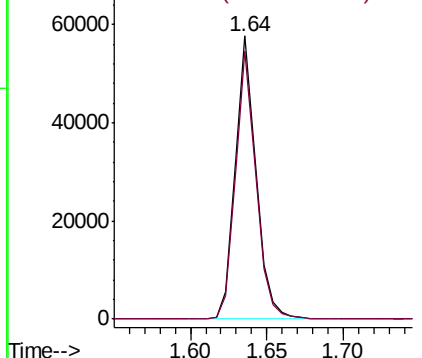
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.822 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008750.D

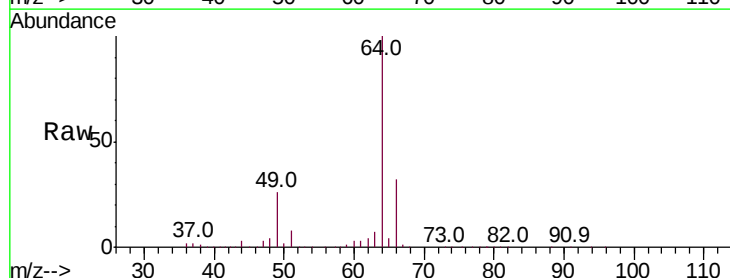
Acq: 08 Apr 2019 17:12

Tgt Ion: 64 Resp: 70633

Ion Ratio Lower Upper

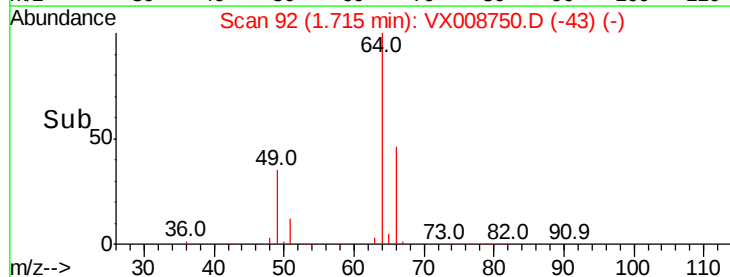
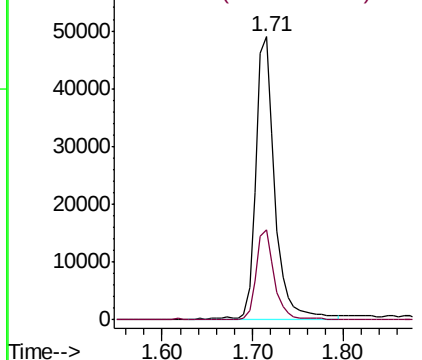
64 100

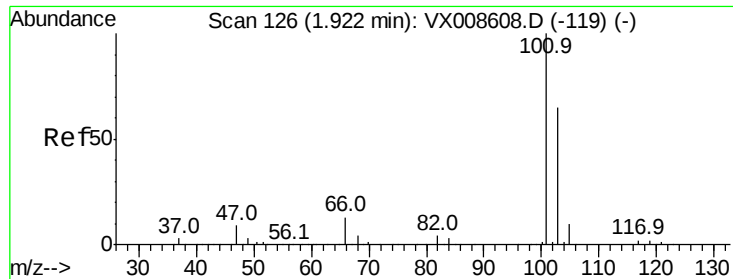
66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

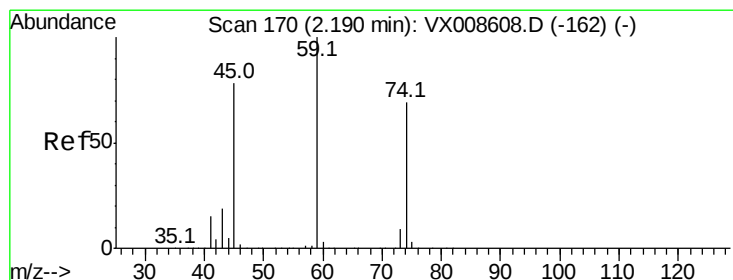
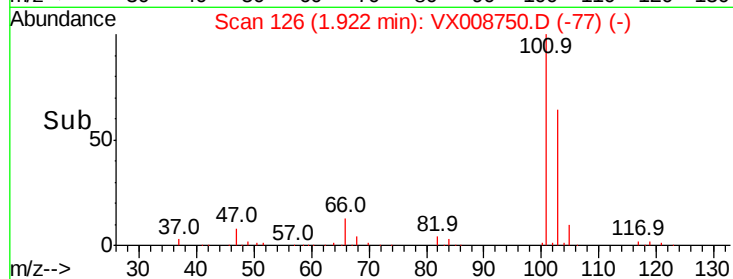
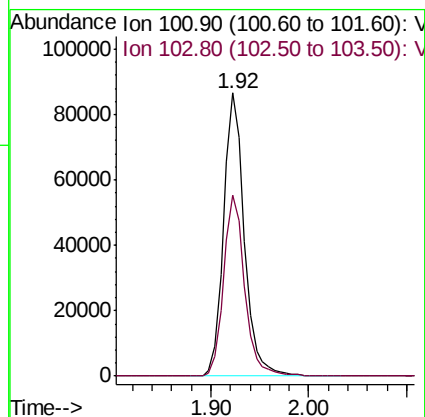
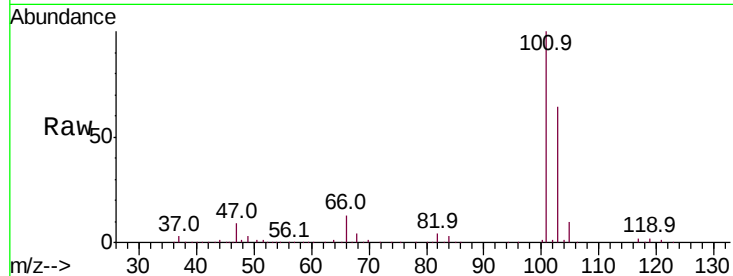
Trichlorofluoromethane  
 Concen: 46.869 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

Tot Ion:101 Resp: 127266  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 52.3 78.5

Manual Integrations  
 APPROVED

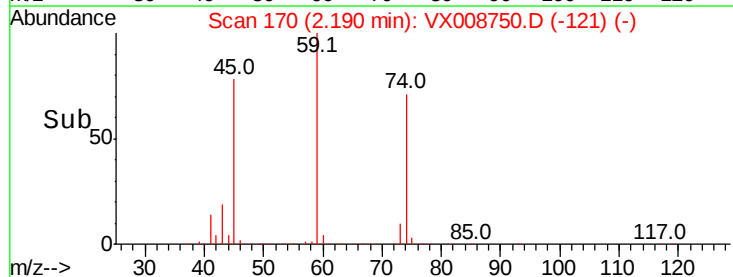
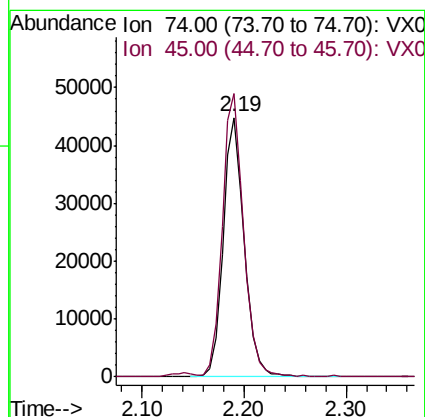
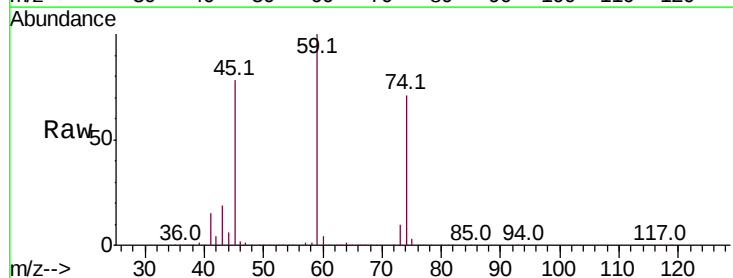
MMDadoda  
 4/9/2019 1:50:04 PM

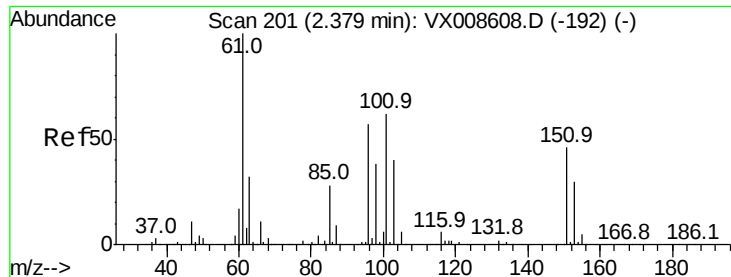


#8

Diethyl Ether  
 Concen: 49.708 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Tgt Ion: 74 Resp: 64009  
 Ion Ratio Lower Upper  
 74 100  
 45 109.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.686 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

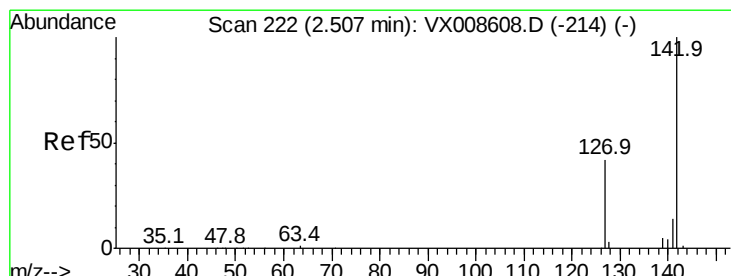
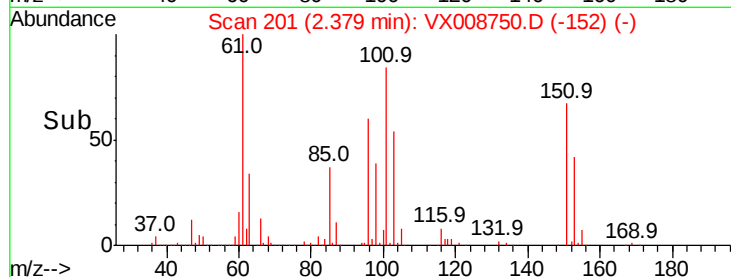
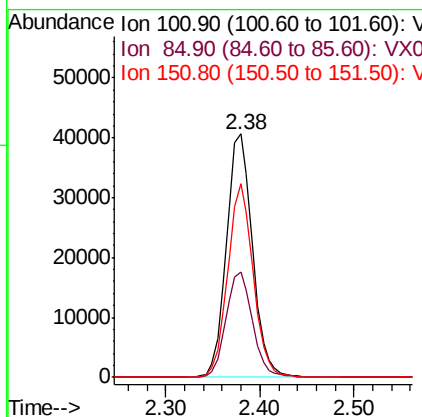
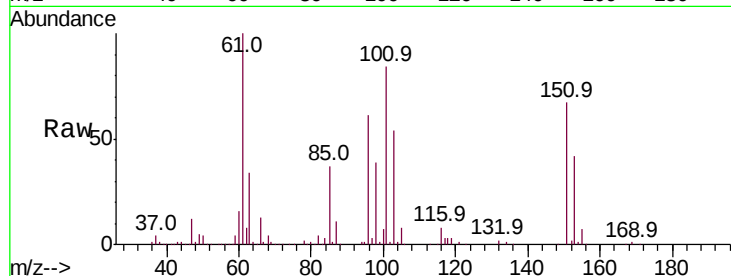
ClientSampleId :

ST008MW214-190403MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 78122 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.0  | 36.0  | 54.0  |
| 151       | 77.7  | 59.9  | 89.9  |

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 1:50:04 PM



#10

Methyl Iodide

Concen: 48.368 ug/l

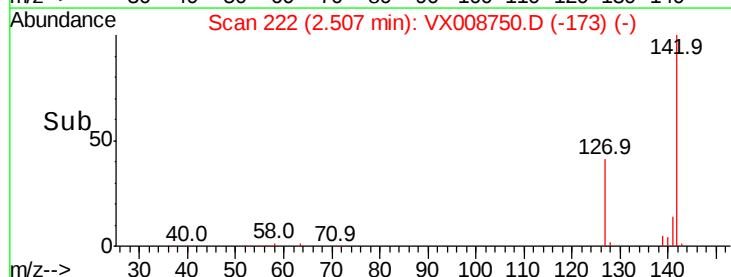
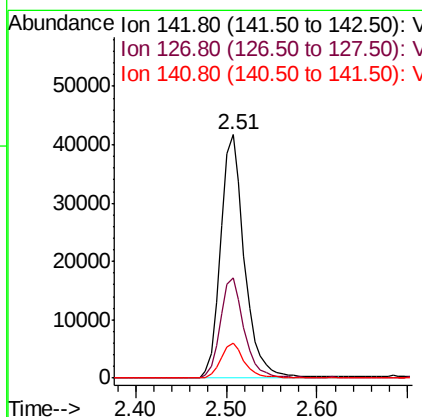
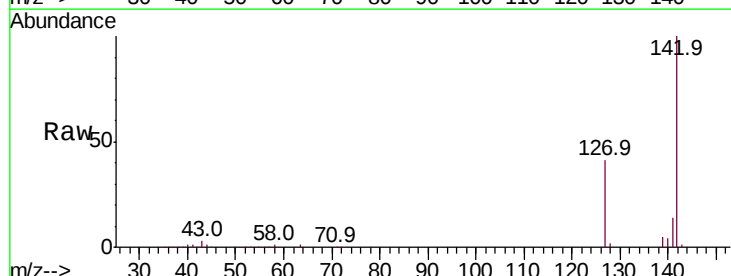
RT: 2.51 min Scan# 222

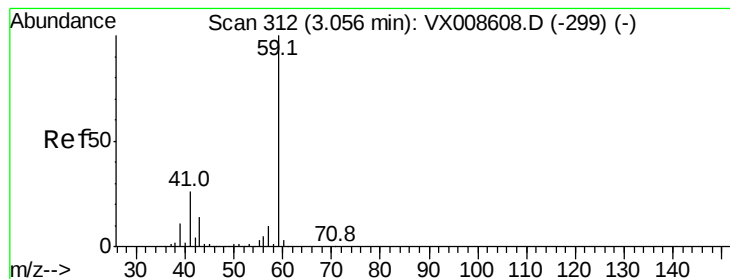
Delta R.T. 0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 76787 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.9  | 33.0  | 49.6  |
| 141       | 14.1  | 11.4  | 17.2  |





#11

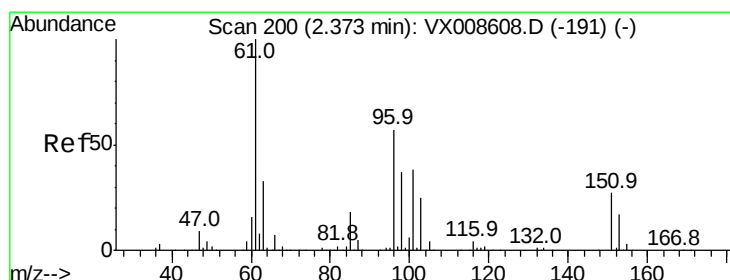
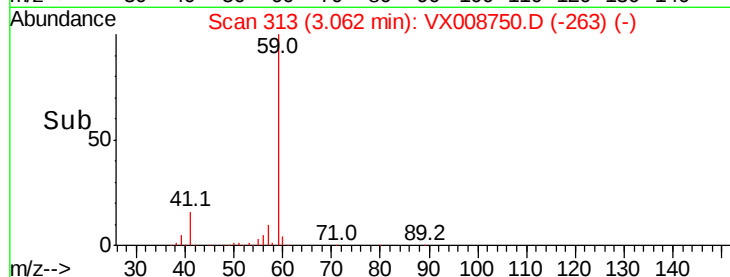
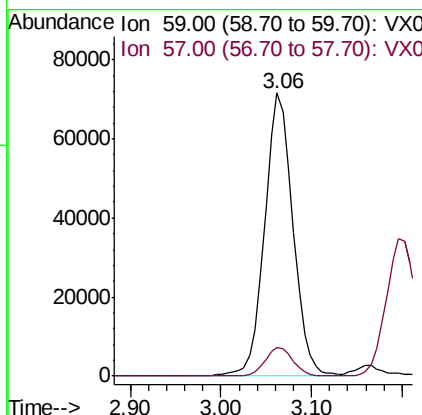
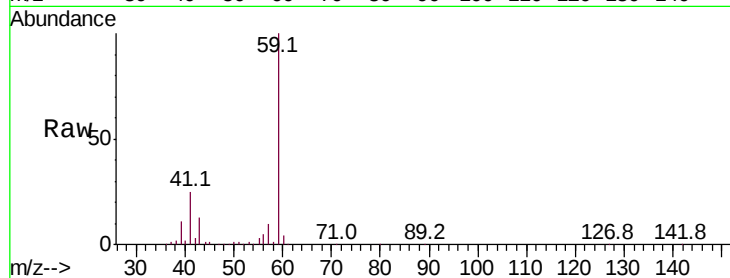
Tert butyl alcohol  
Concen: 286.901 ug/l  
RT: 3.06 min Scan# 313  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | 59 | 57 | Ratio | 100 | 10.0 | Resp | 154654 | Lower | 8.3 | Upper | 12.5 |
|---------|----|----|-------|-----|------|------|--------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 10.0 | Resp | 154654 | Lower | 8.3 | Upper | 12.5 |

Manual Integrations  
APPROVED

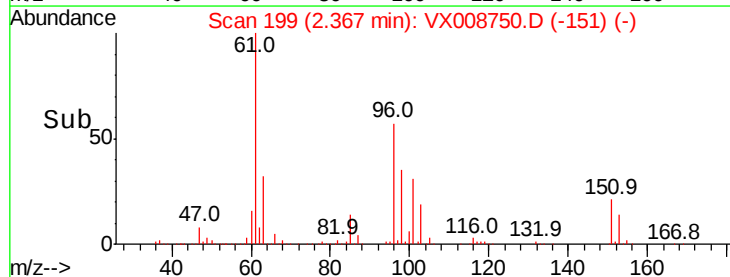
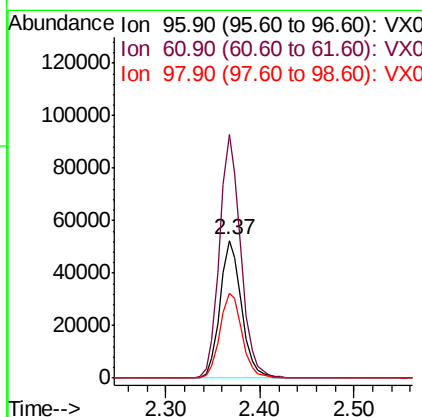
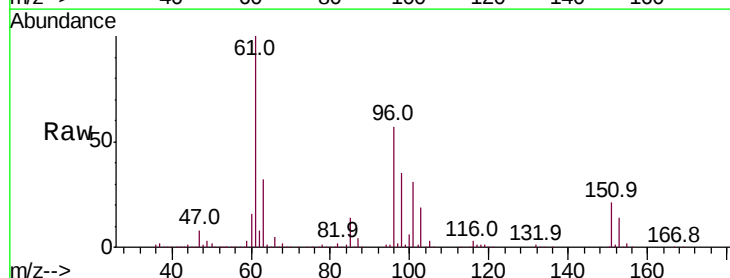
MMDadoda  
4/9/2019 1:50:04 PM

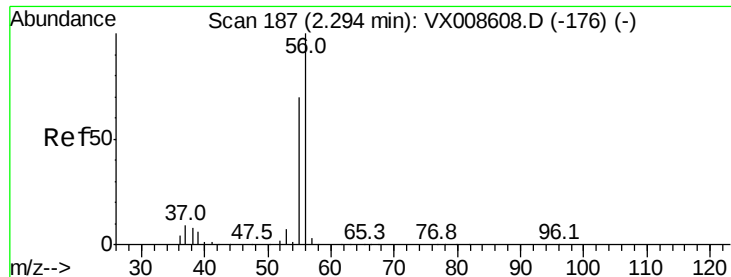


#12

1,1-Dichloroethene  
Concen: 45.451 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 176.5 | 61.5 | Resp | 82950 | Lower | 140.9 | Upper | 211.3 | 78.1 |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|-------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 176.5 | 61.5 | Resp | 82950 | Lower | 140.9 | Upper | 211.3 | 78.1 |





#13

Acrolein

Concen: 359.768 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 56 Resp: 96162

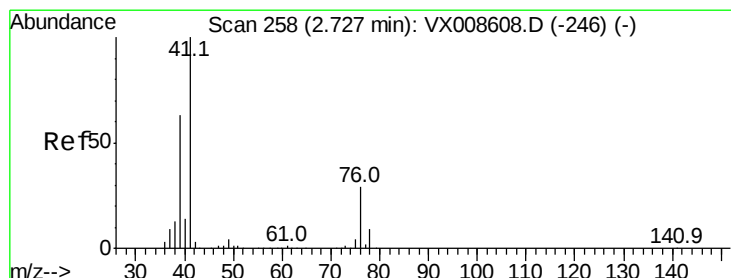
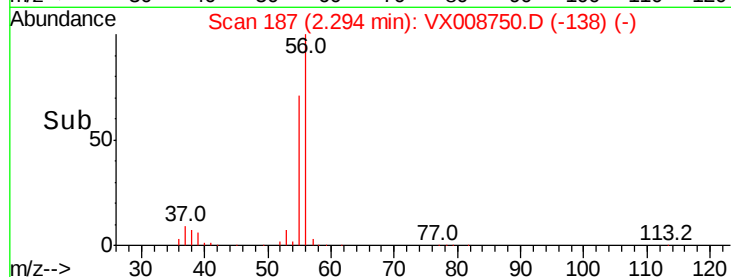
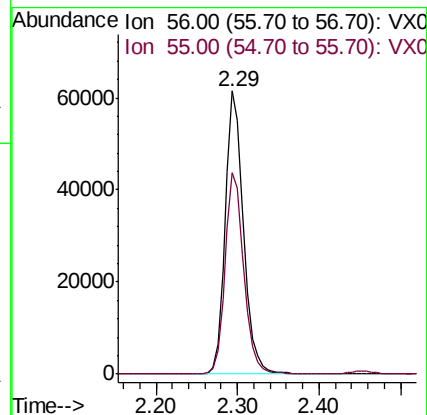
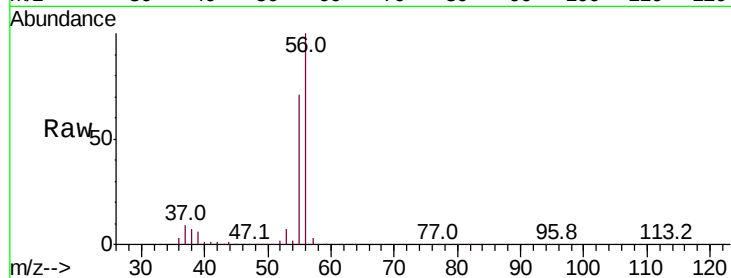
Ion Ratio Lower Upper

56 100

55 72.3 58.0 87.0

Manual Integrations  
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MMDadoda  
4/9/2019 1:50:04 PM



#14

Allyl chloride

Concen: 49.357 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

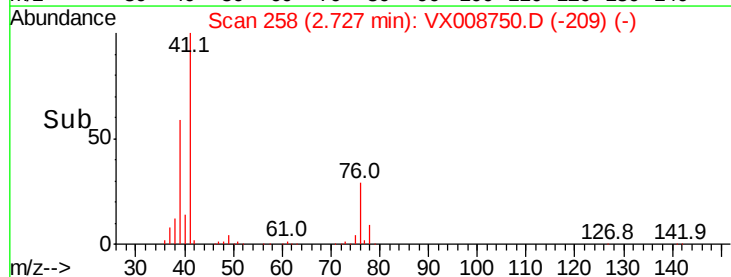
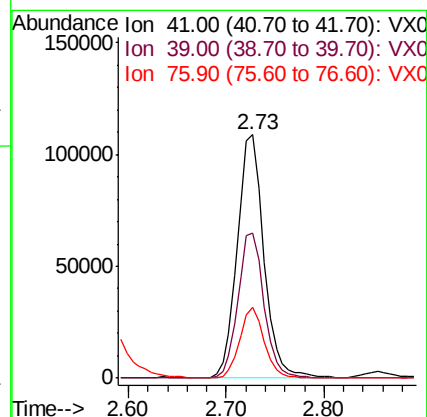
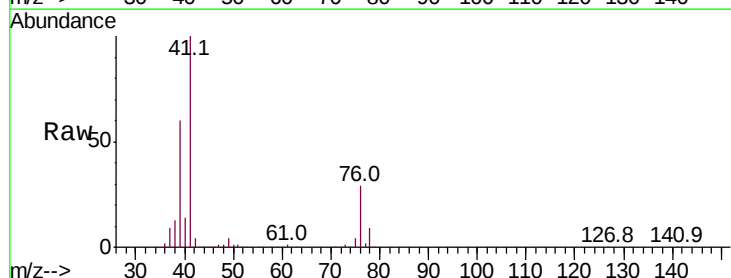
Tgt Ion: 41 Resp: 206210

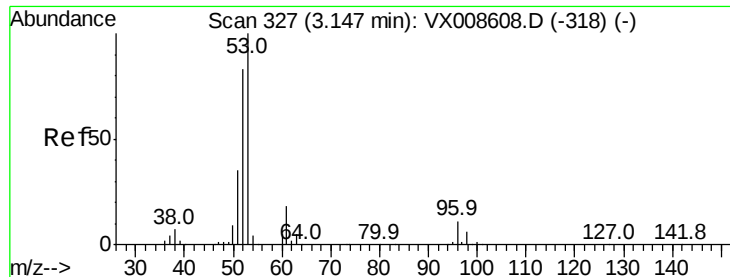
Ion Ratio Lower Upper

41 100

39 58.1 48.0 72.0

76 26.7 22.0 33.0





#15

Acrylonitrile

Concen: 266.972 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

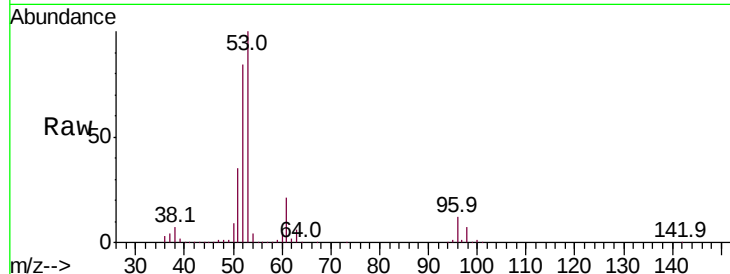
ClientSampleId :

ST008MW214-190403MS

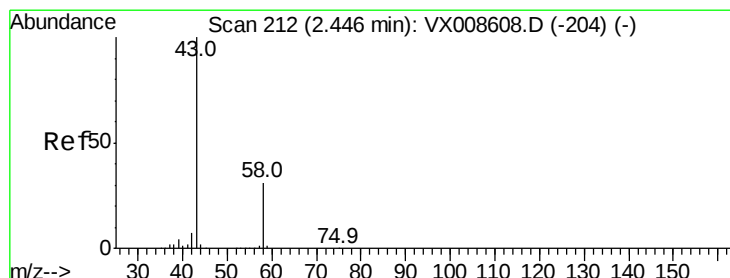
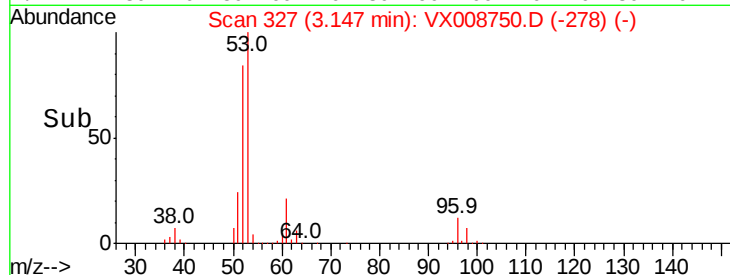
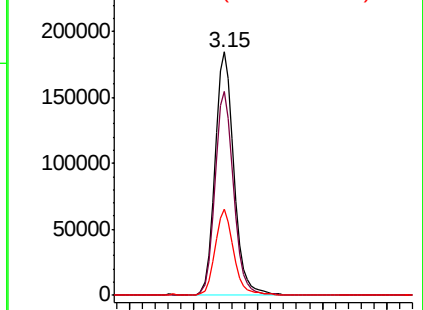
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 381246 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.0  | 66.5  | 99.7   |
| 51        | 35.0  | 28.6  | 42.8   |

Manual Integrations  
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4/9/2019 1:50:04 PM



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 237.107 ug/l

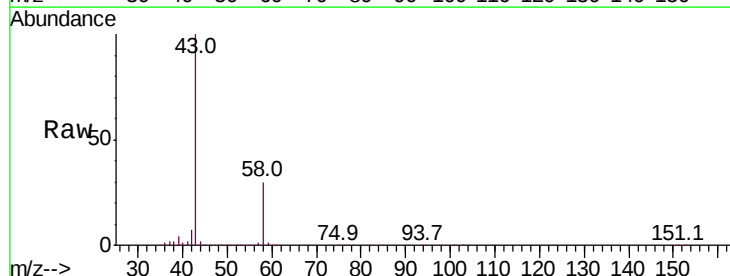
RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

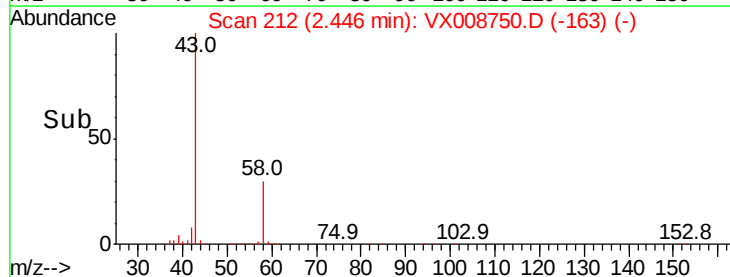
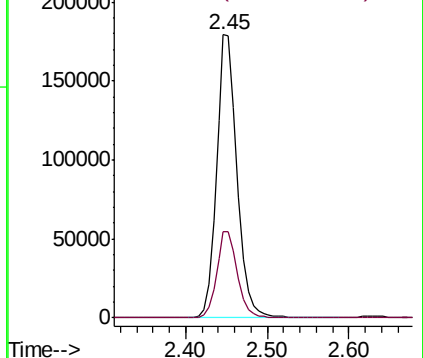
Lab File: VX008750.D

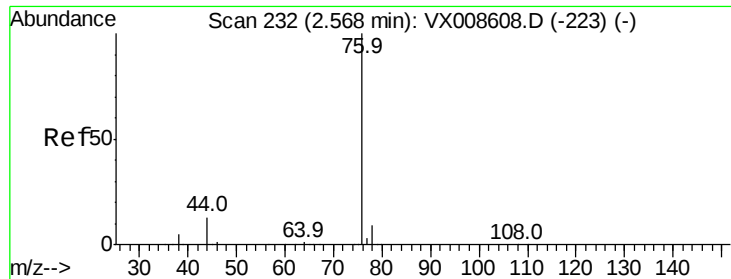
Acq: 08 Apr 2019 17:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 314448 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.4  | 24.8  | 37.2   |



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.601 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 76 Resp: 240669

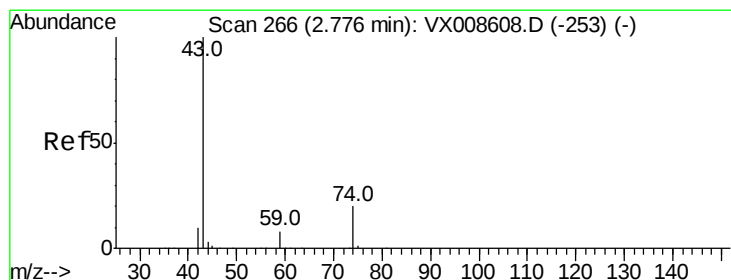
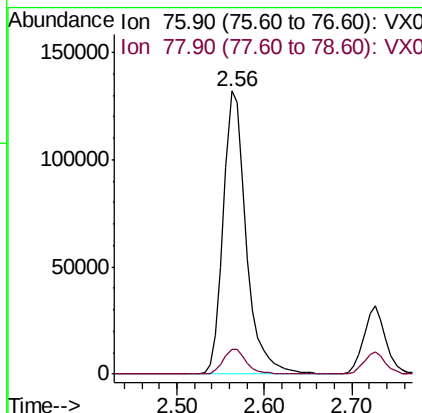
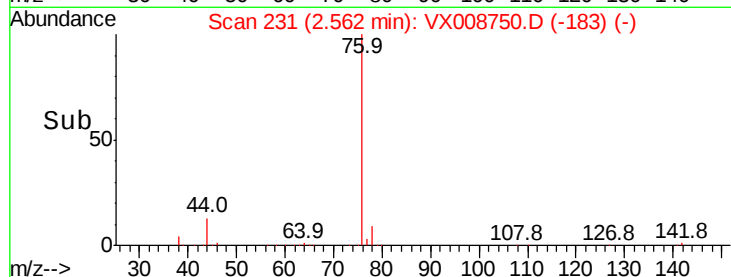
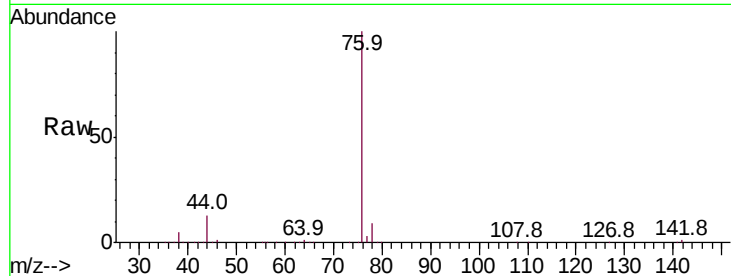
Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 1:50:04 PM



#18

Methyl Acetate

Concen: 52.281 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008750.D

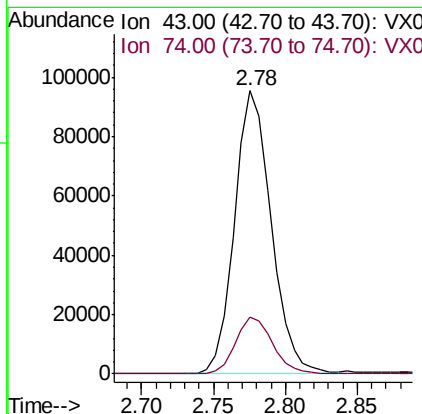
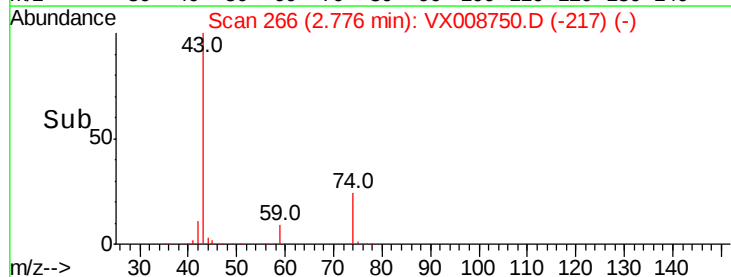
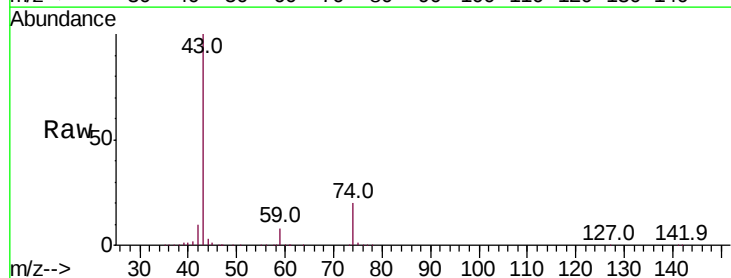
Acq: 08 Apr 2019 17:12

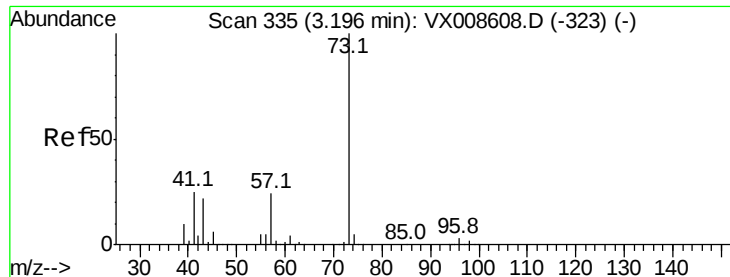
Tgt Ion: 43 Resp: 168156

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7





#19

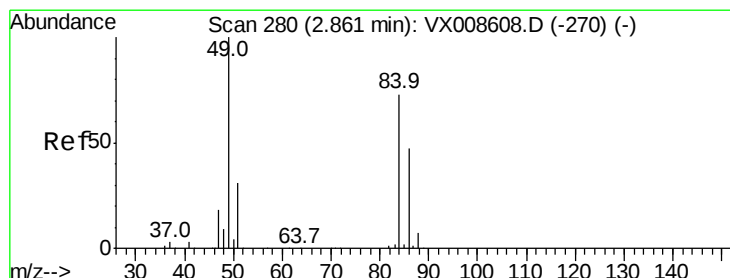
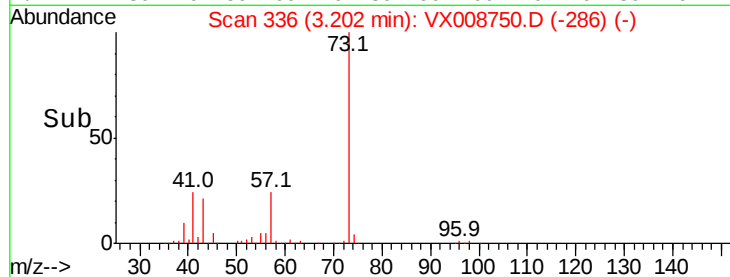
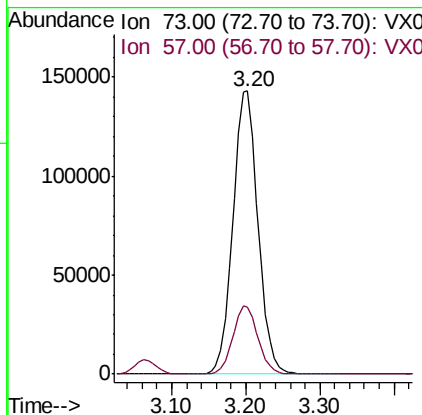
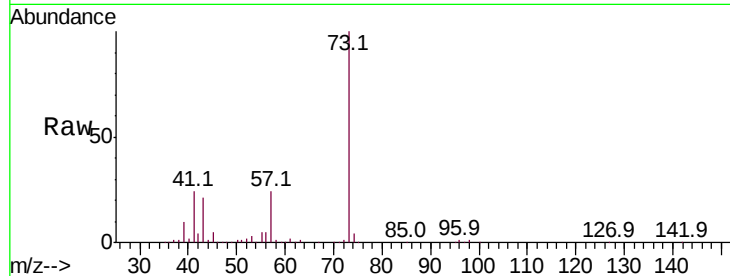
Methyl tert-butyl Ether  
 Concen: 51.712 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. 0.01 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.8  | 19.5  | 29.3  |

Manual Integrations  
 APPROVED

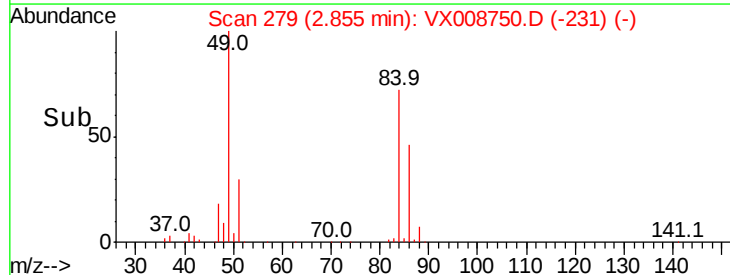
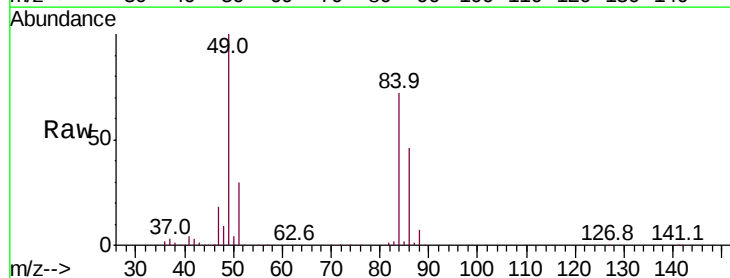
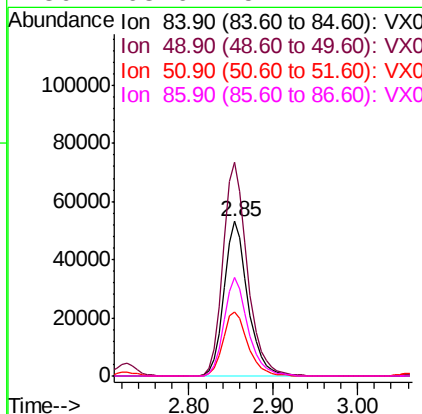
MMDadoda  
 4/9/2019 1:50:04 PM

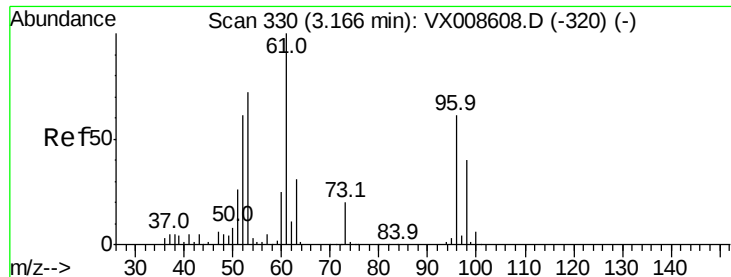


#20

Methylene Chloride  
 Concen: 46.628 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 137.8 | 109.7 | 164.5 |
| 51      | 41.3  | 33.6  | 50.4  |
| 86      | 63.6  | 51.4  | 77.2  |





#21

trans-1,2-Dichloroethene

Concen: 47.722 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 96 Resp: 94207

Ion Ratio Lower Upper

96 100

61 154.7 132.1 198.1

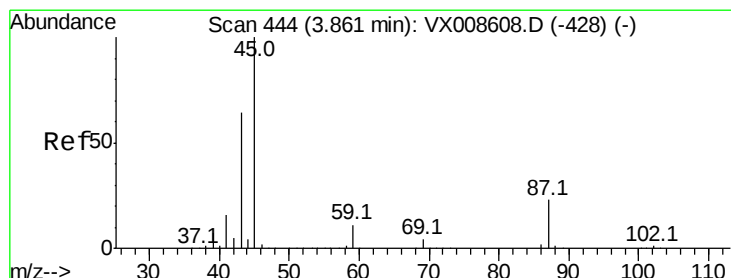
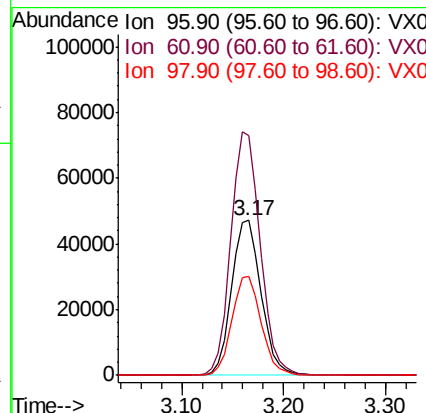
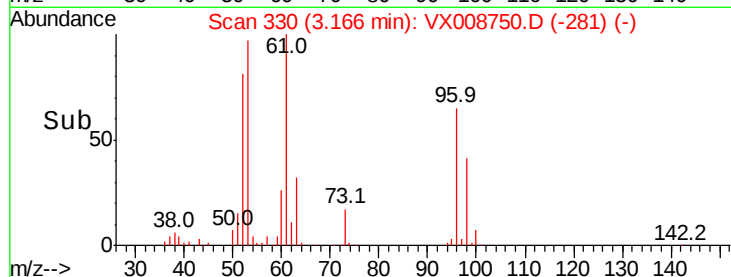
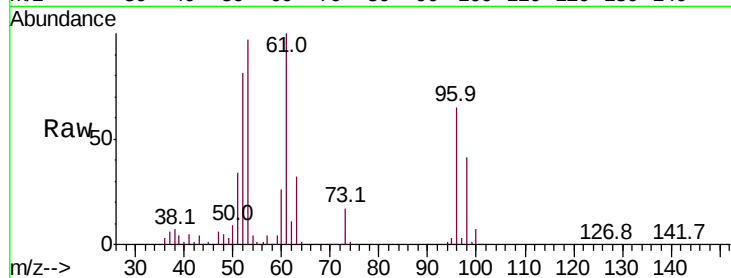
98 63.7 52.2 78.2

Manual Integrations

APPROVED

MMDadoda

4/9/2019 1:50:04 PM



#22

Diisopropyl ether

Concen: 50.307 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Tgt Ion: 45 Resp: 405102

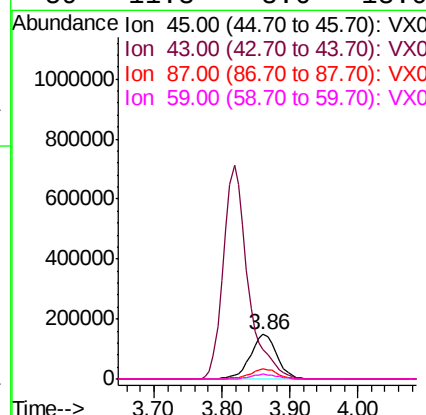
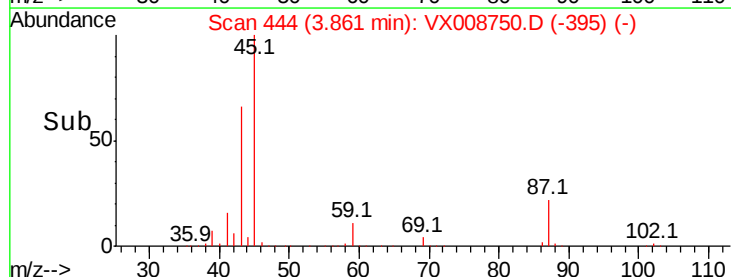
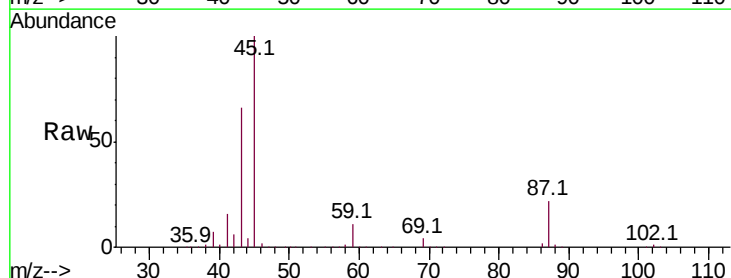
Ion Ratio Lower Upper

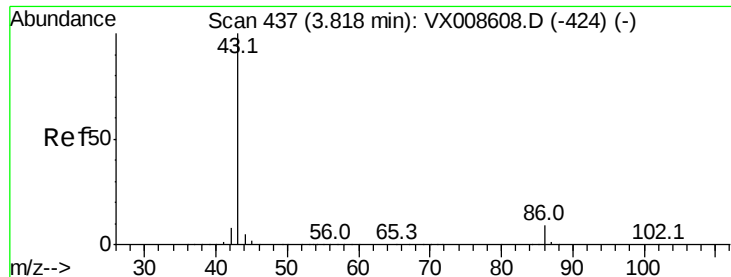
45 100

43 66.1 51.3 76.9

87 22.4 18.1 27.1

59 11.3 8.6 13.0





#23

Vinyl Acetate

Concen: 255.762 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 43 Resp: 1791679

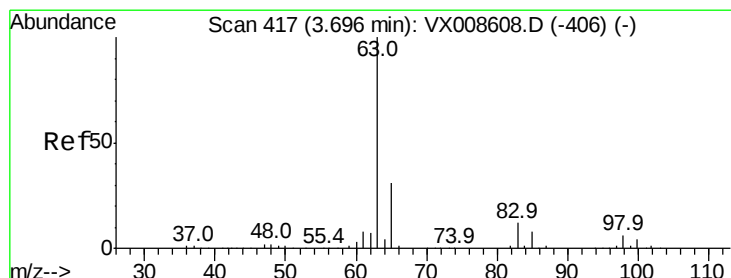
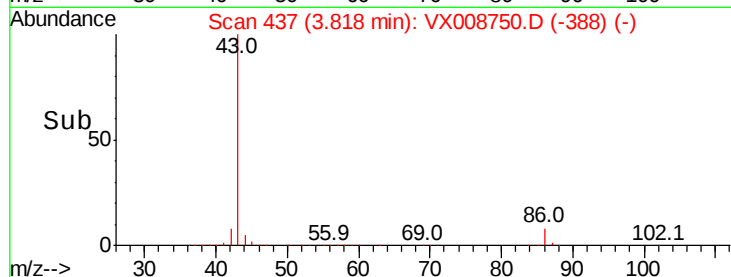
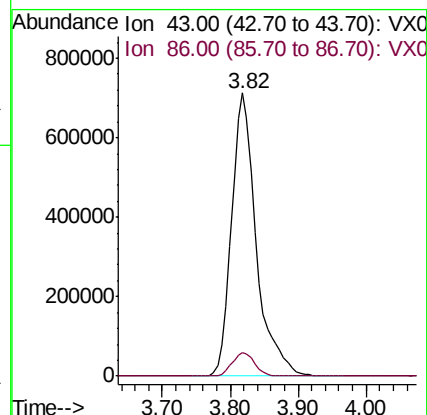
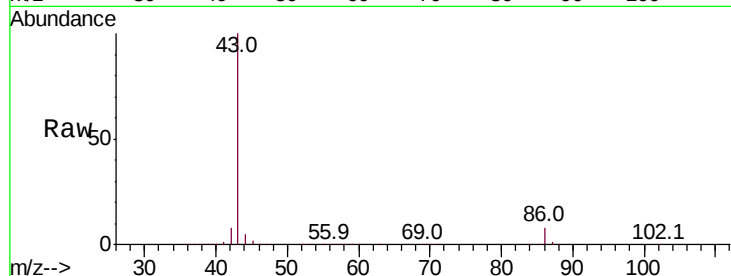
Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6

Manual Integrations  
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4/9/2019 1:50:04 PM



#24

1,1-Dichloroethane

Concen: 50.174 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

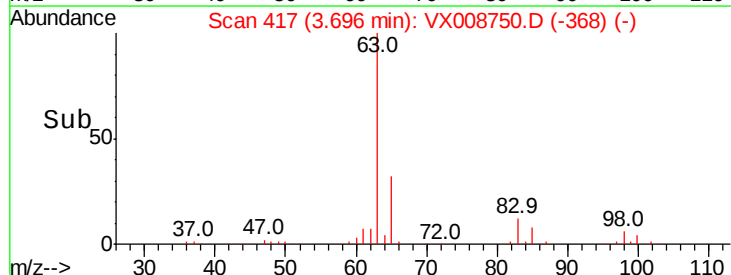
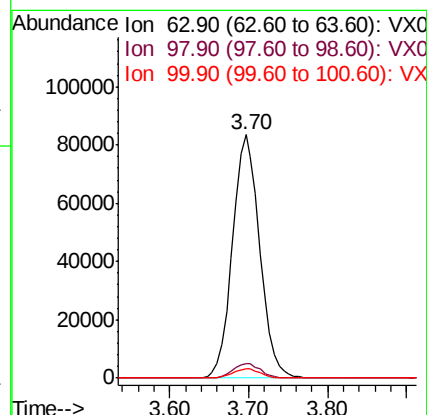
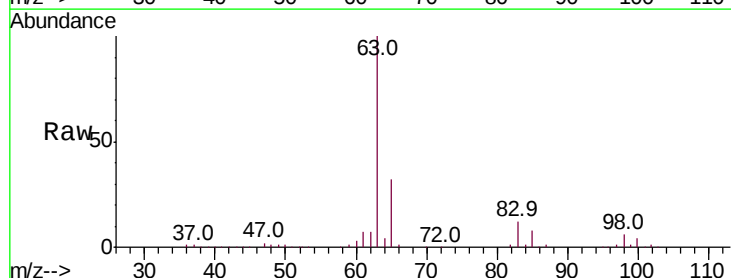
Tgt Ion: 63 Resp: 200042

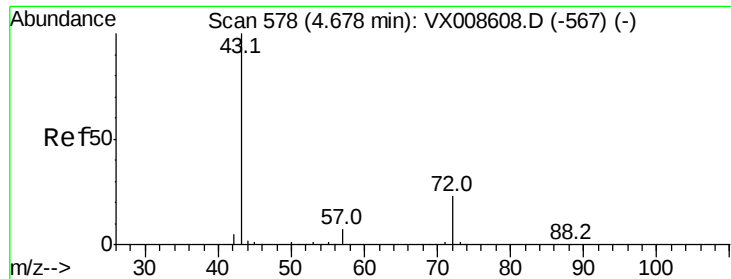
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 270.030 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 43 Resp: 566004

Ion Ratio Lower Upper

43 100

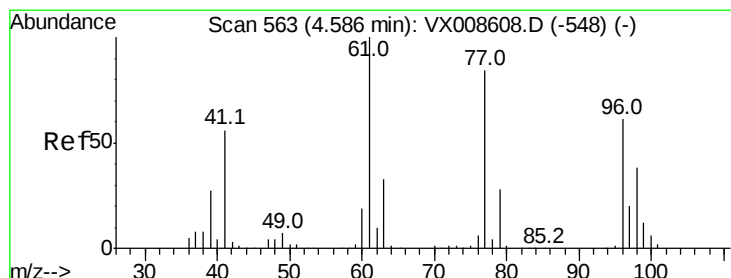
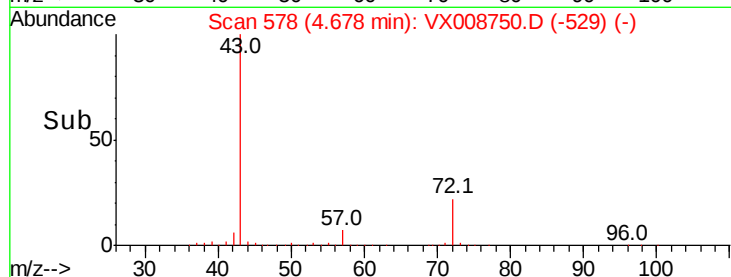
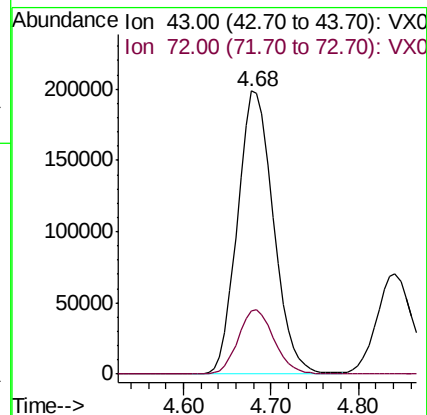
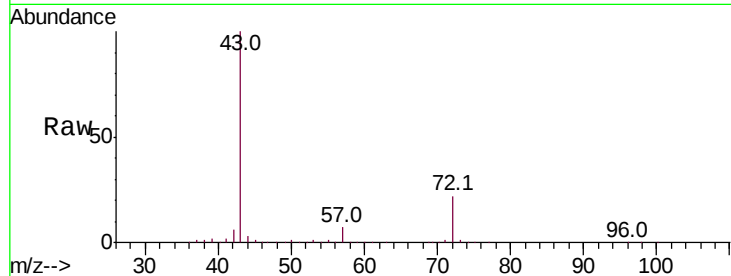
72 22.4 18.2 27.4

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4/9/2019 1:50:04 PM



#26

2,2-Dichloropropane

Concen: 43.570 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008750.D

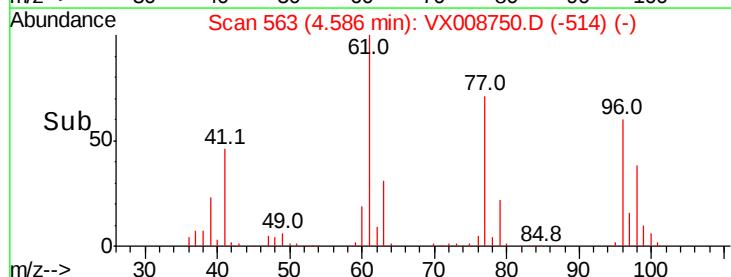
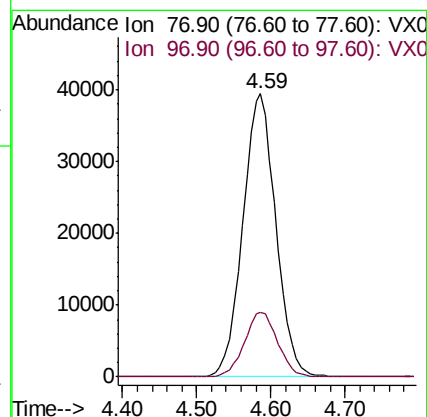
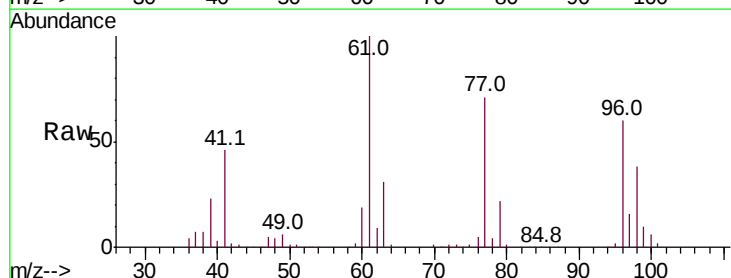
Acq: 08 Apr 2019 17:12

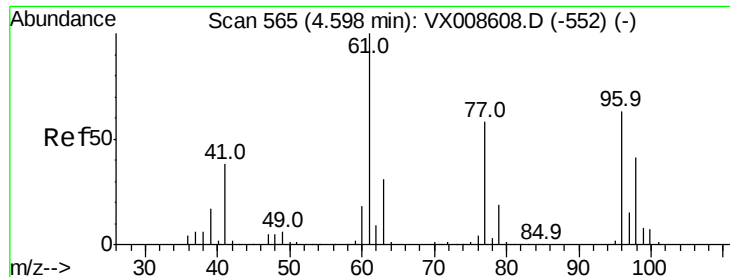
Tgt Ion: 77 Resp: 122348

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5





#27

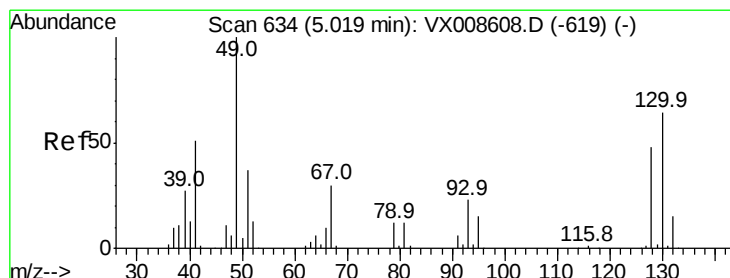
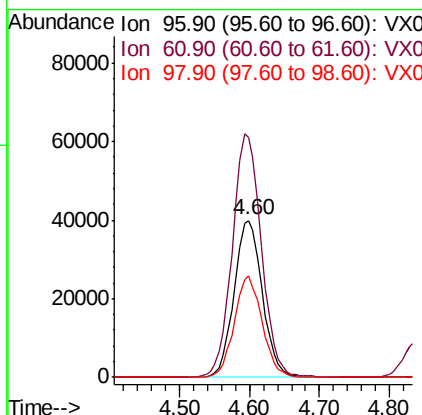
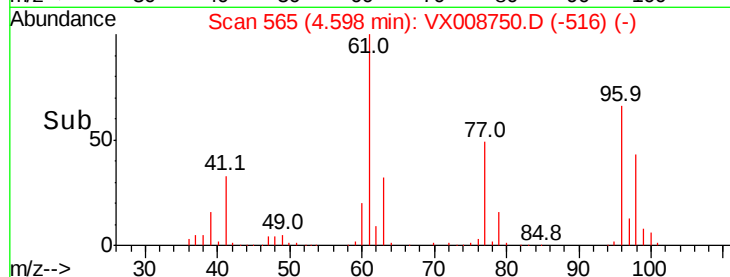
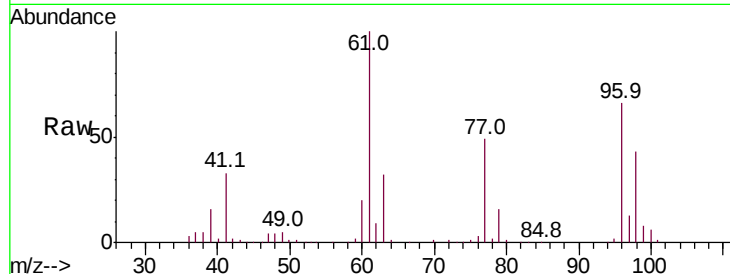
cis-1,2-Dichloroethene  
Concen: 49.192 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 111648 |       |       |
| 61      | 160.1 | 0.0    | 327.6 |       |
| 98      | 64.3  | 0.0    | 128.6 |       |

Manual Integrations  
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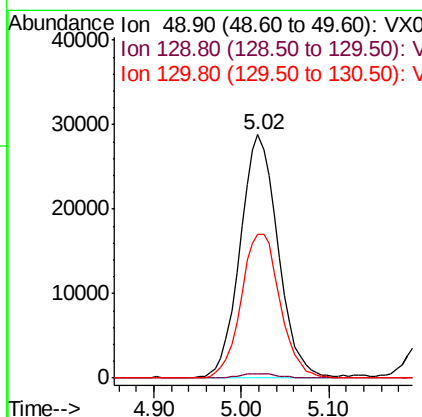
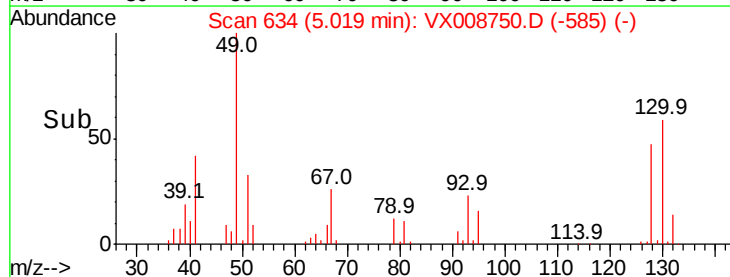
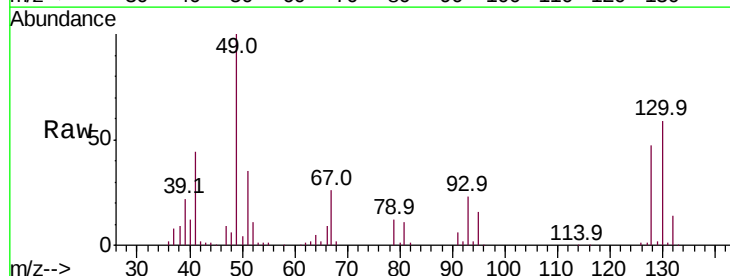
MMDadoda  
4/9/2019 1:50:04 PM

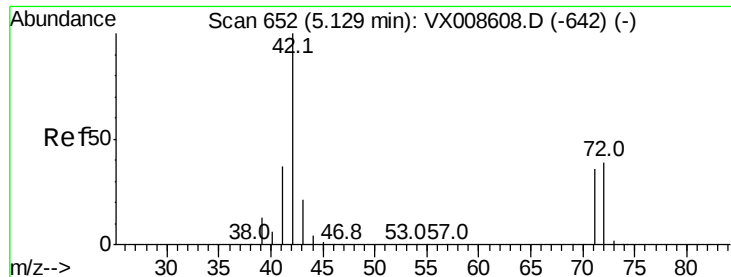


#28

Bromochloromethane  
Concen: 52.352 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 86952 |       |       |
| 129     | 1.8   | 0.0   | 3.6   |       |
| 130     | 60.8  | 49.3  | 73.9  |       |





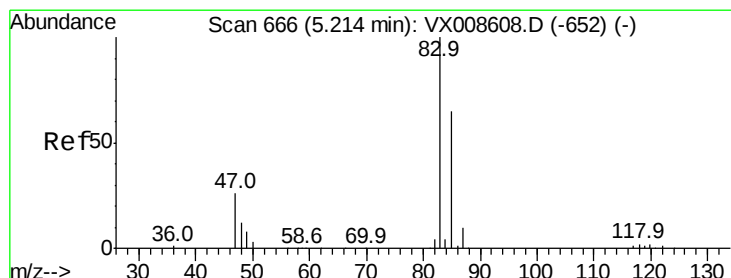
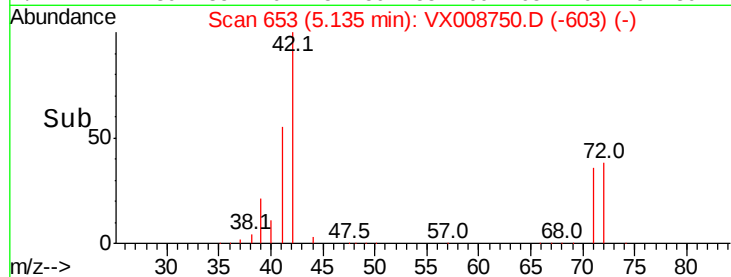
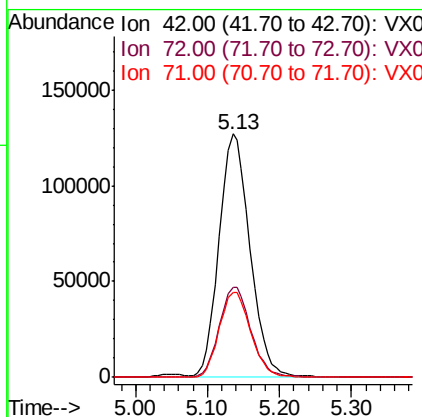
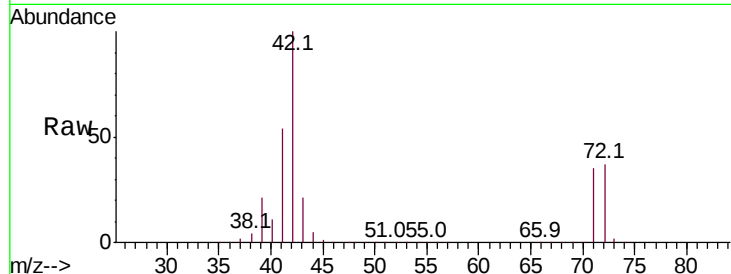
#29  
Tetrahydrofuran  
Concen: 272.086 ug/l  
RT: 5.13 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.0  | 30.5  | 45.7  |
| 71      | 35.8  | 28.6  | 43.0  |

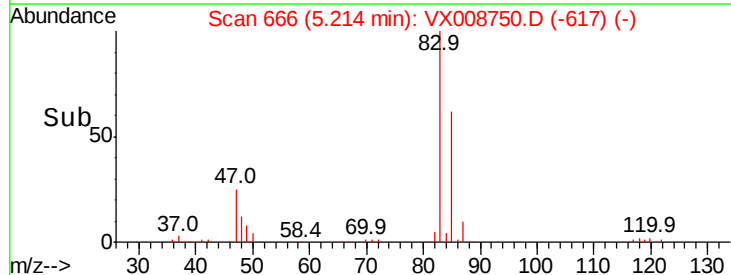
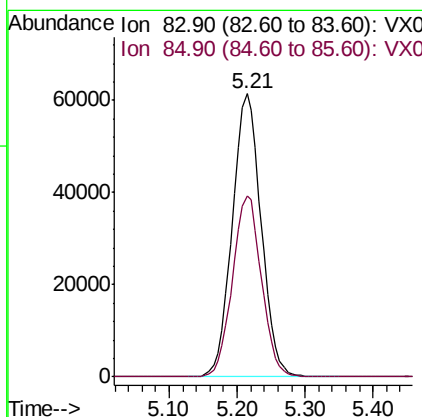
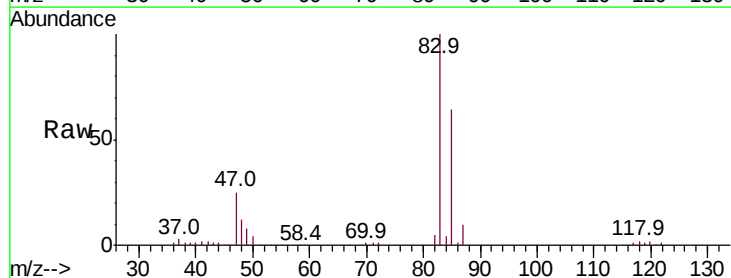
Manual Integrations  
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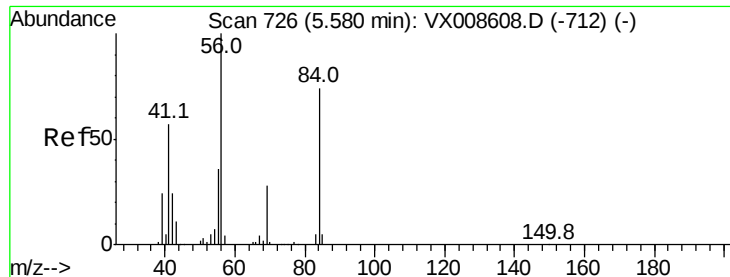
MMDadoda  
4/9/2019 1:50:04 PM



#30  
Chloroform  
Concen: 50.795 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 52.1  | 78.1  |





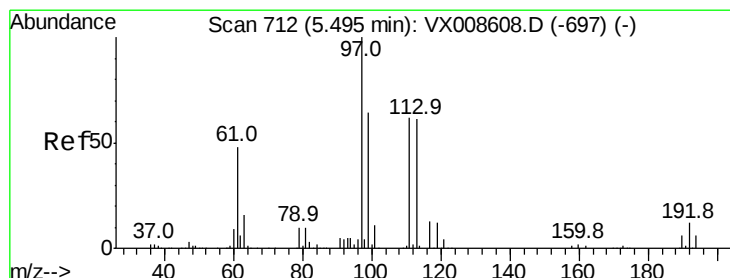
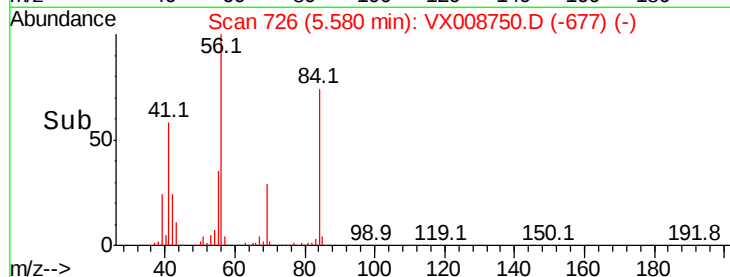
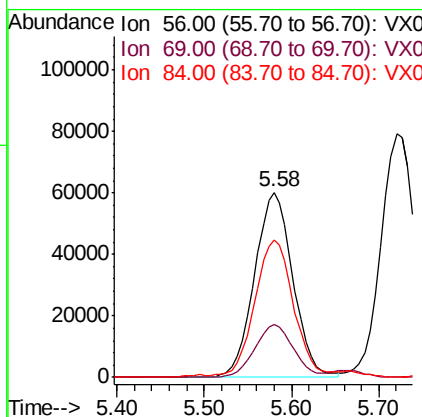
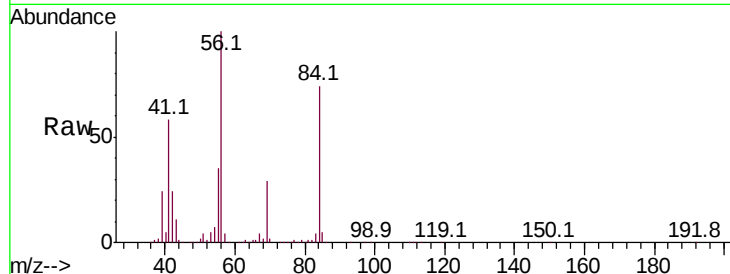
#31  
Cyclohexane  
Concen: 46.174 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.5  | 22.6  | 33.8  |
| 84      | 73.0  | 59.3  | 88.9  |

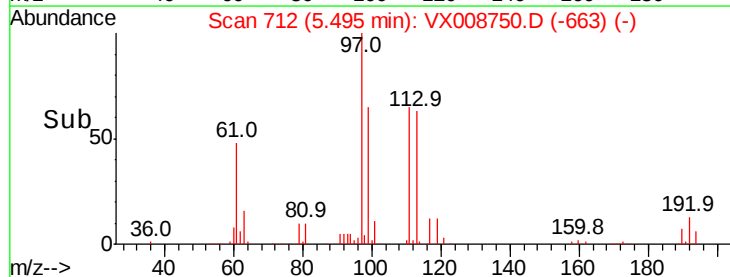
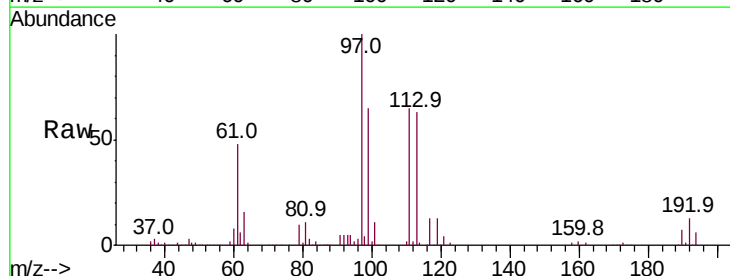
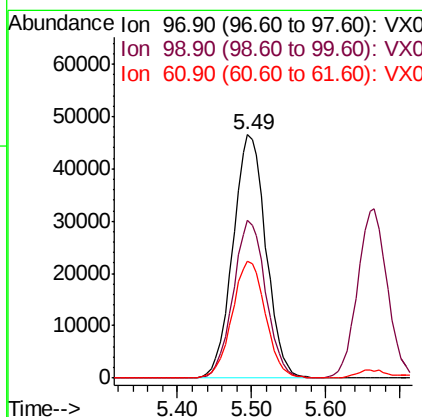
Manual Integrations  
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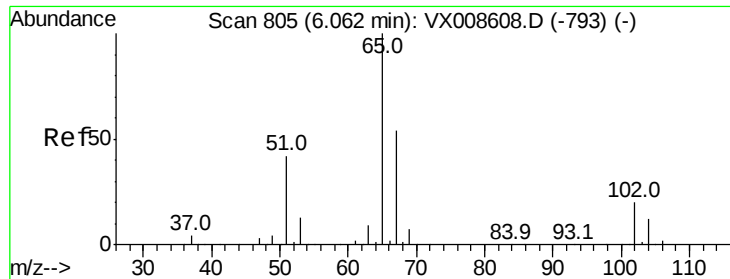
MMDadoda  
4/9/2019 1:50:04 PM



#32  
1,1,1-Trichloroethane  
Concen: 50.112 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.3  | 76.9  |
| 61      | 48.6  | 38.9  | 58.3  |





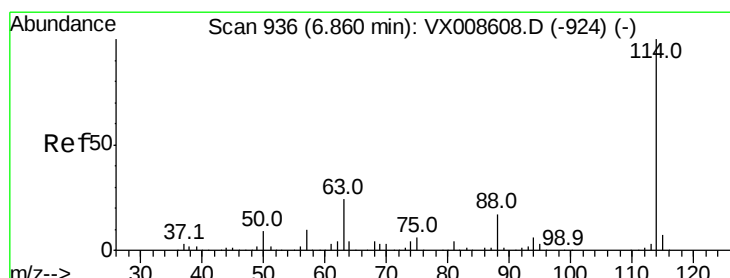
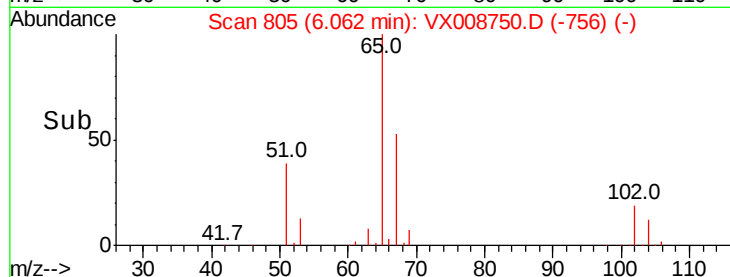
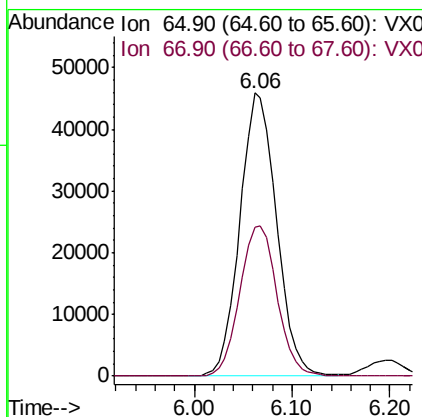
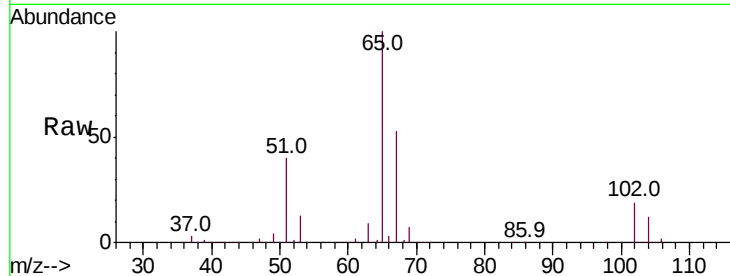
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.019 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.1  | 0.0   | 107.2 |

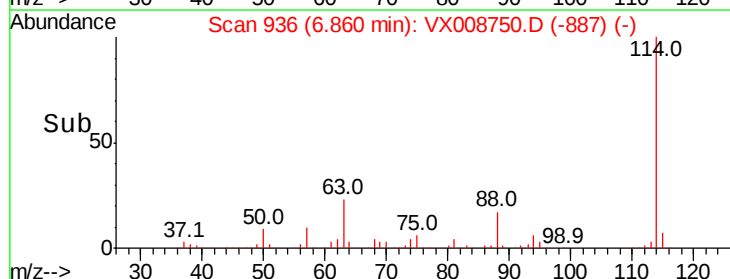
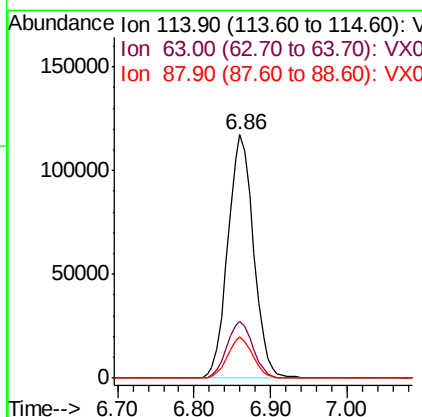
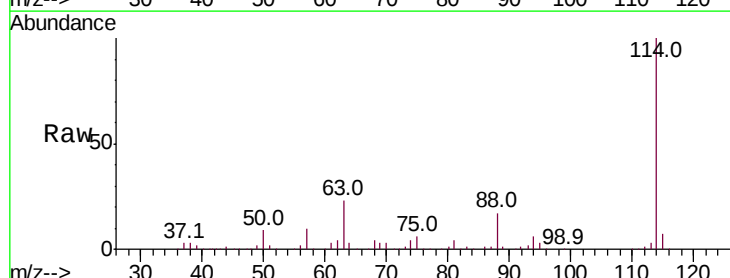
Manual Integrations  
 APPROVED

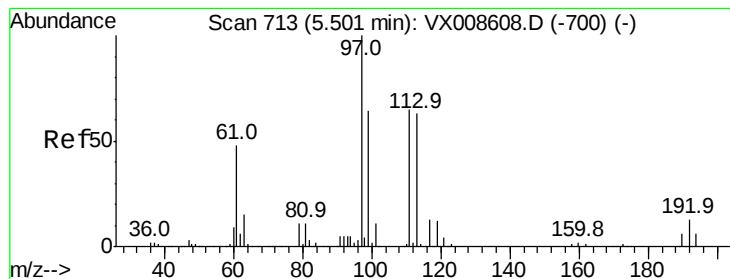
MMDadoda  
 4/9/2019 1:50:04 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.3  | 0.0   | 47.2  |
| 88      | 17.0  | 0.0   | 34.0  |





#35

Dibromofluoromethane

Concen: 51.027 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

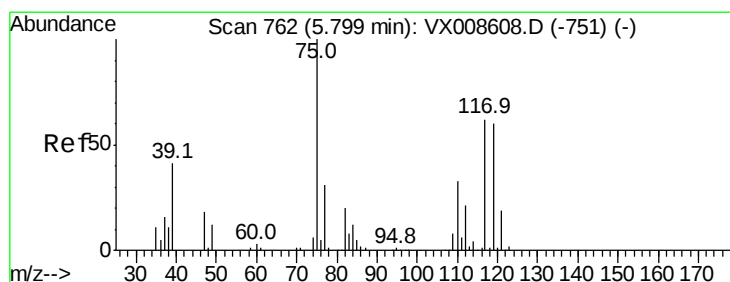
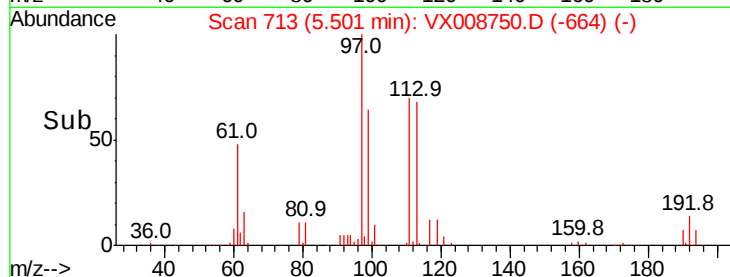
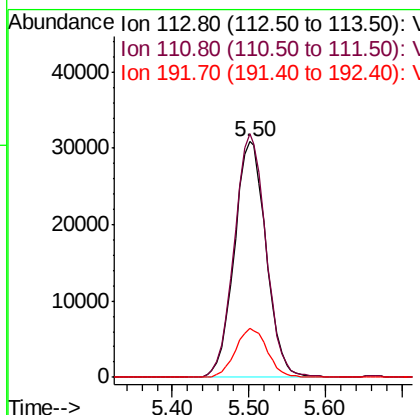
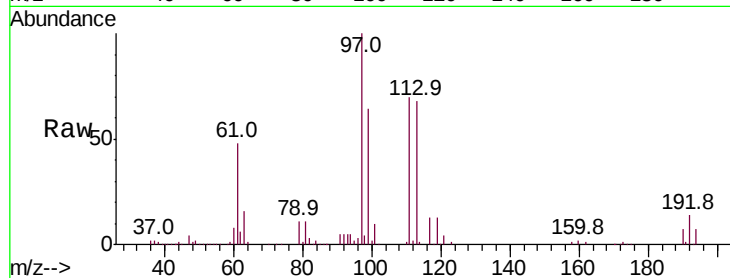
ClientSampleId :

ST008MW214-190403MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 88898 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.8 | 83.4  | 125.2 |
| 192      | 20.8  | 16.1  | 24.1  |

Manual Integrations  
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4/9/2019 1:50:04 PM



#36

1,1-Dichloropropene

Concen: 45.419 ug/l

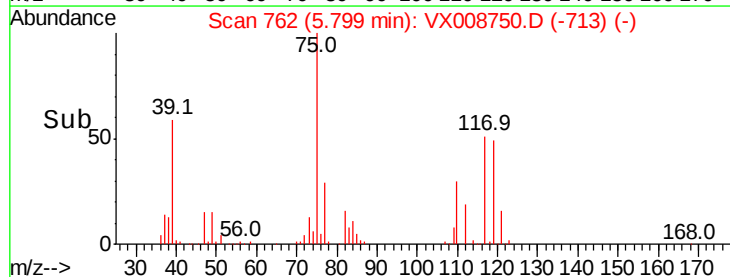
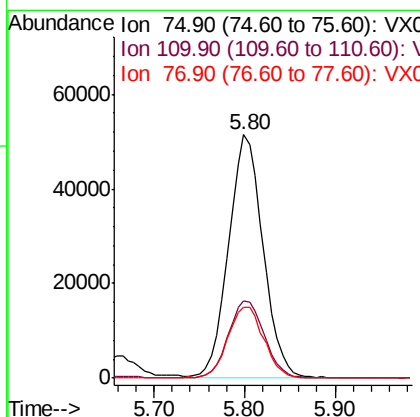
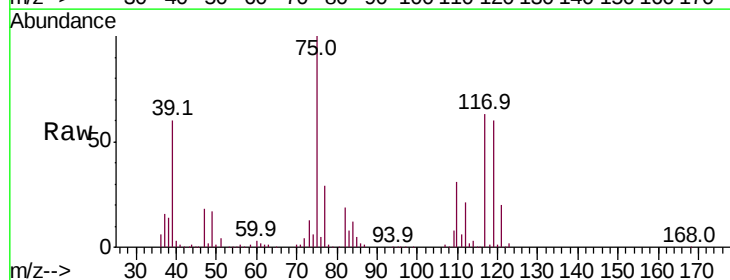
RT: 5.80 min Scan# 762

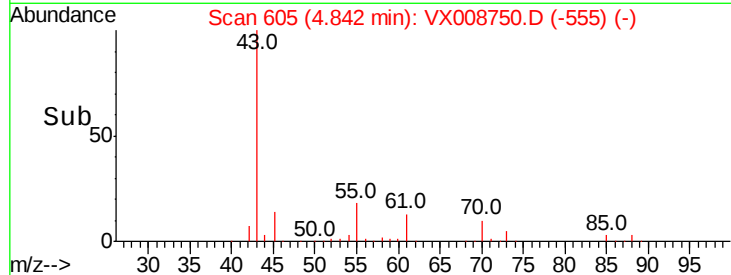
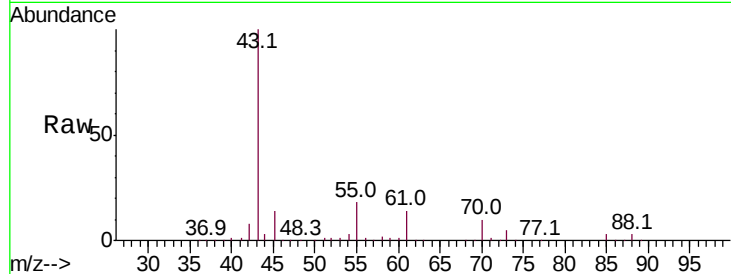
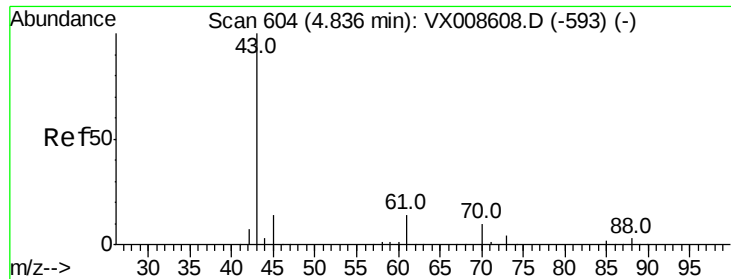
Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 135282 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.2  | 16.4  | 49.2   |
| 77       | 30.4  | 24.7  | 37.1   |





#37

Ethyl Acetate

Concen: 51.353 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008750.D

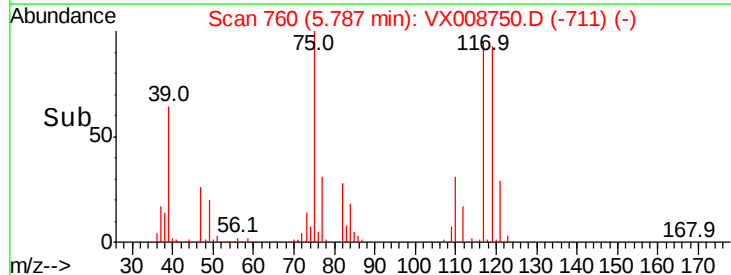
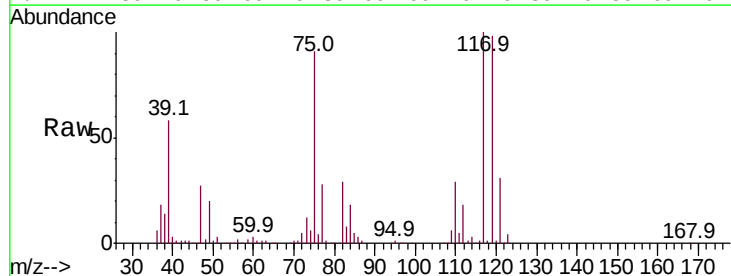
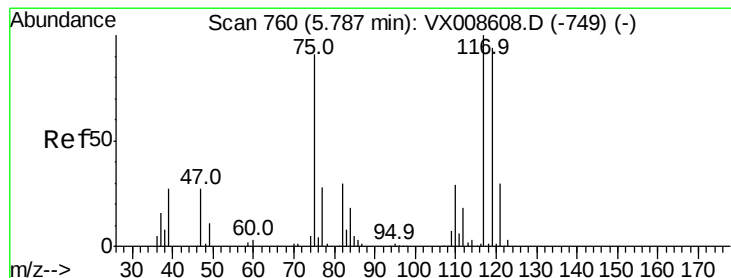
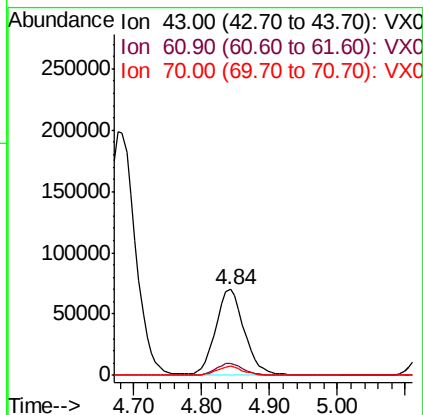
Acq: 08 Apr 2019 17:12

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.2  | 10.3  | 15.5  |
| 70      | 9.7   | 7.6   | 11.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Manual Integrations  
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4/9/2019 1:50:04 PM



#38

Carbon Tetrachloride

Concen: 48.015 ug/l

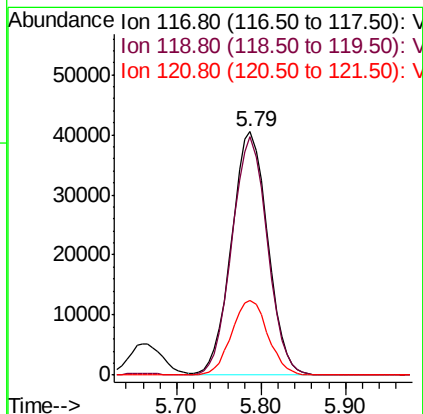
RT: 5.79 min Scan# 760

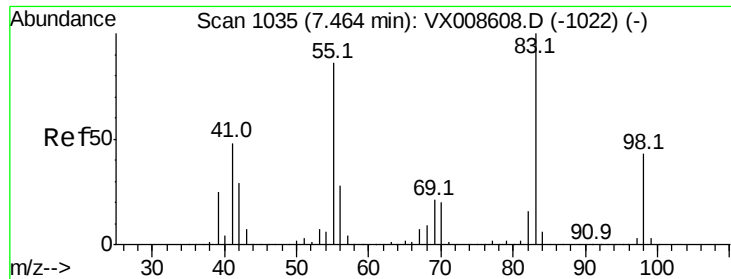
Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 75.0  | 112.6 |
| 121     | 30.7  | 24.3  | 36.5  |





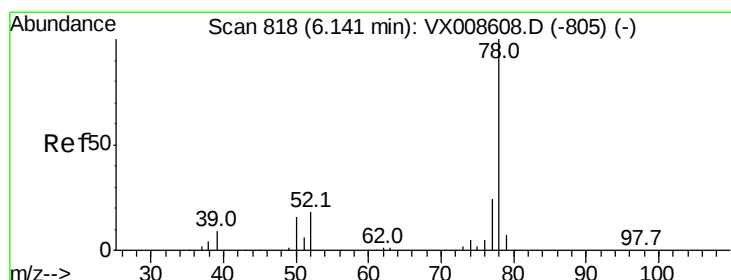
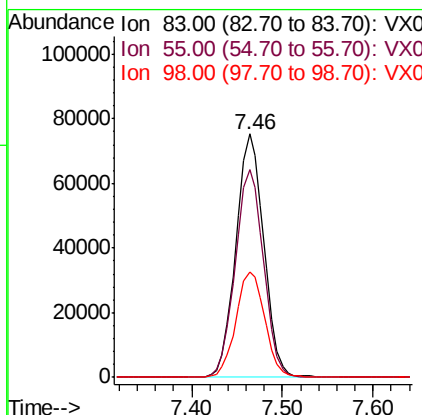
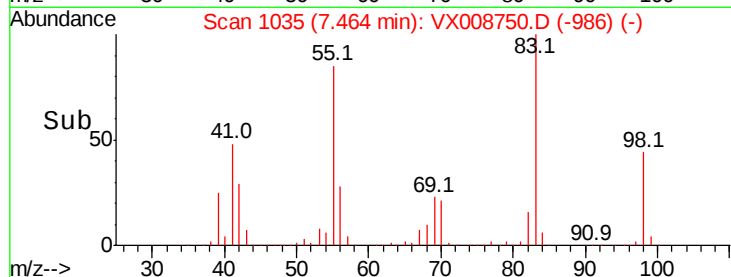
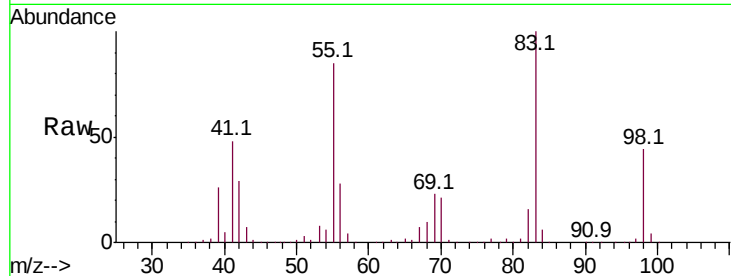
#39  
Methvlcvclohexane  
Concen: 43.672 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 85.3  | 69.0 | 103.6 |       |
| 98      | 43.5  | 34.4 | 51.6  |       |

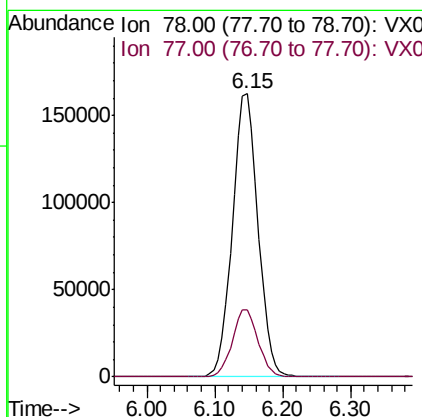
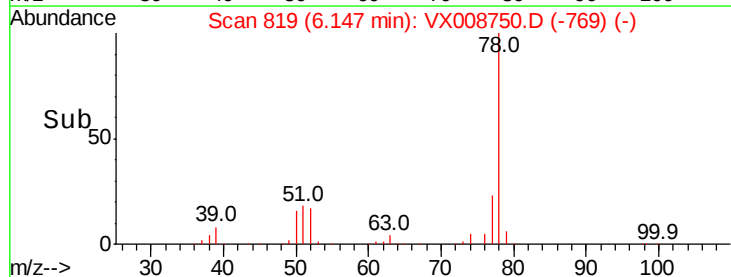
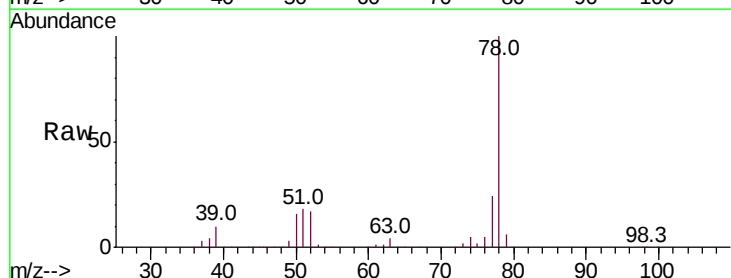
Manual Integrations  
APPROVED

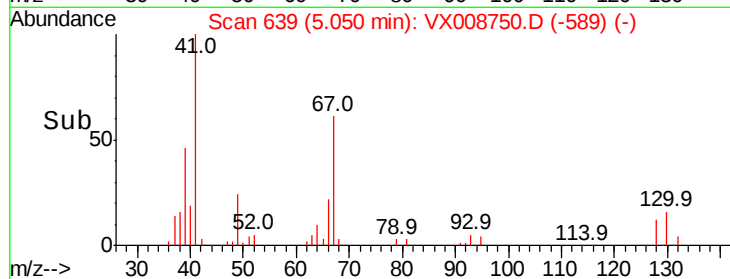
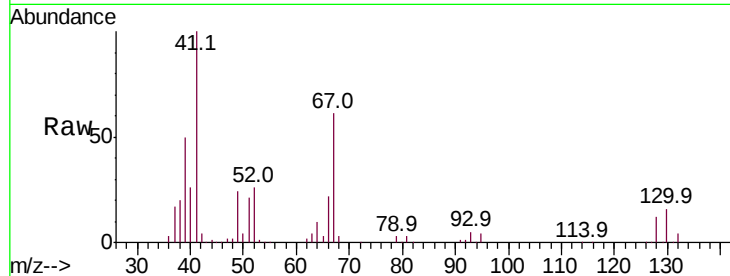
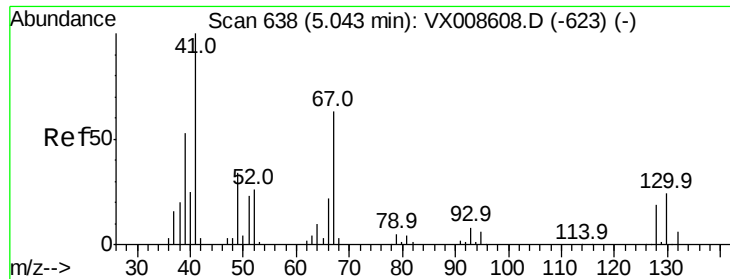
MMDadoda  
4/9/2019 1:50:04 PM



#40  
Benzene  
Concen: 47.769 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.6  | 19.1 | 28.7  |       |





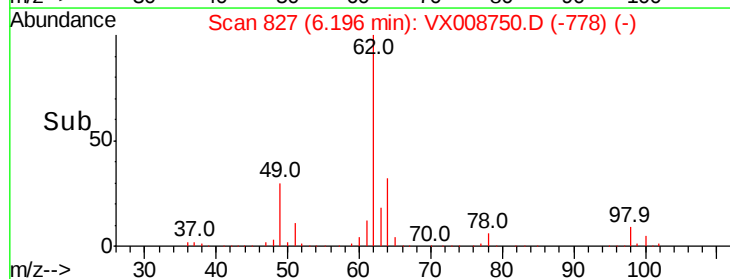
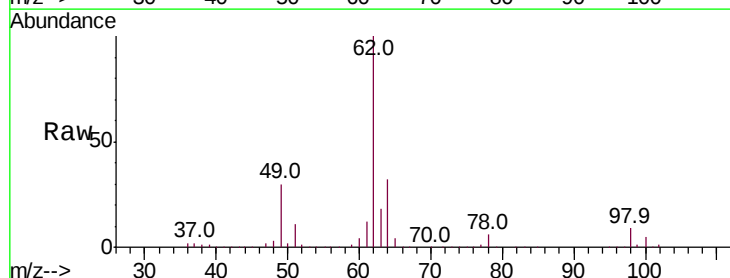
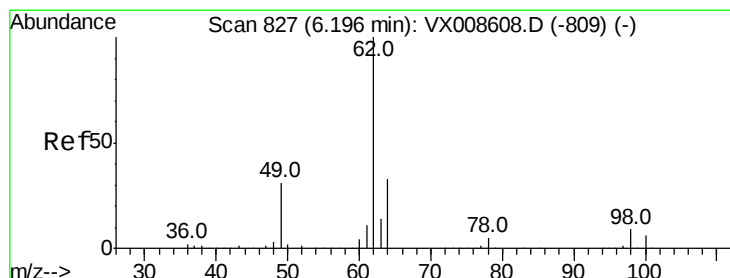
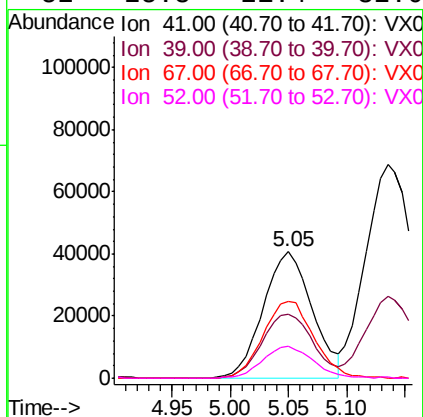
#41  
Methacrylonitrile  
Concen: 51.860 ug/l  
RT: 5.05 min Scan# 639  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.5 | 42.1  | 63.1  |       |
| 67      | 63.4 | 51.0  | 76.6  |       |
| 52      | 25.8 | 21.4  | 32.0  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

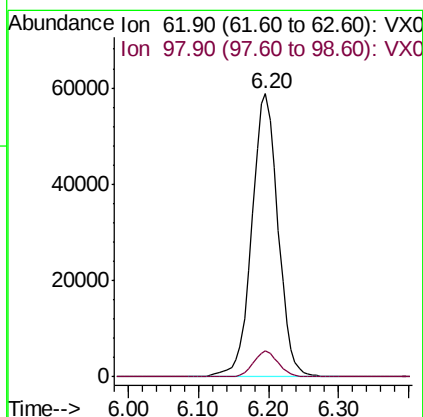
Manual Integrations  
APPROVED

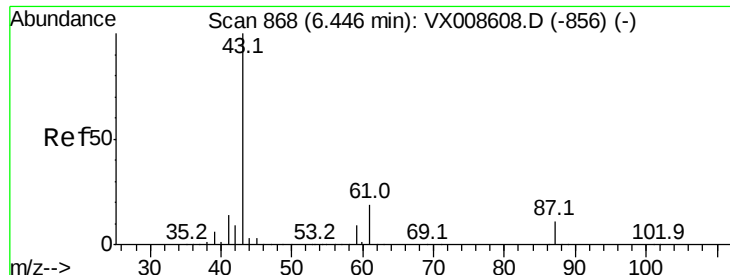
MMDadoda  
4/9/2019 1:50:04 PM



#42  
1,2-Dichloroethane  
Concen: 48.217 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.7 | 0.0   | 18.0  |       |





#43

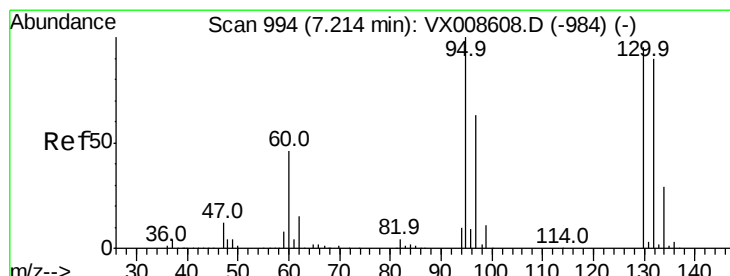
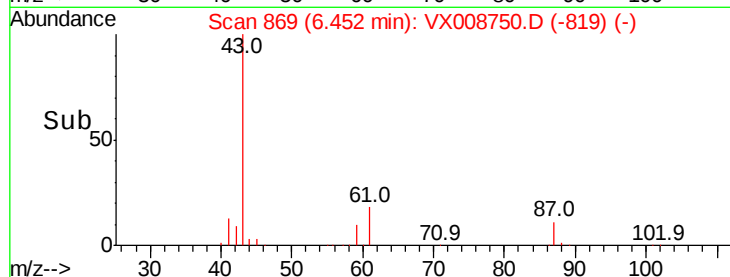
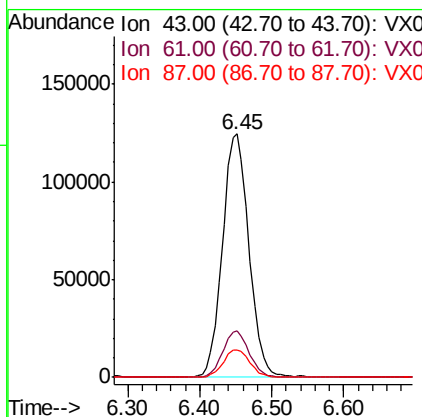
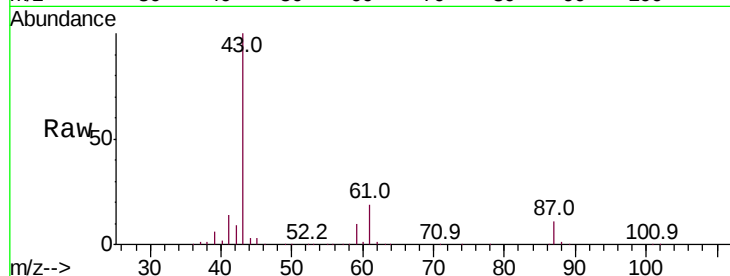
Isopropyl Acetate  
 Concen: 50.968 ug/l  
 RT: 6.45 min Scan# 869  
 Delta R.T. 0.01 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.0  | 15.3  | 22.9  |
| 87      | 11.4  | 9.0   | 13.6  |

Manual Integrations  
 APPROVED

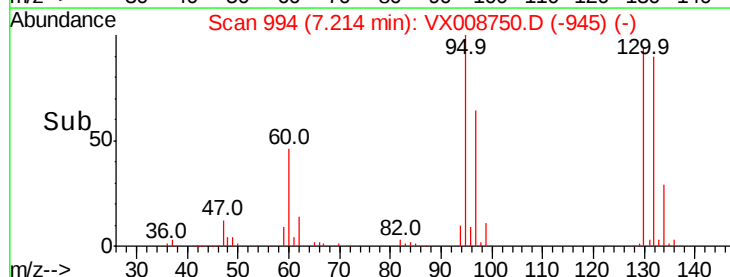
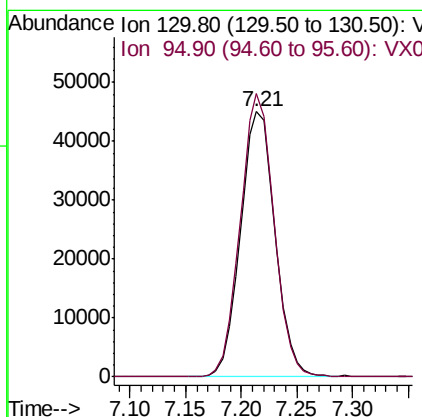
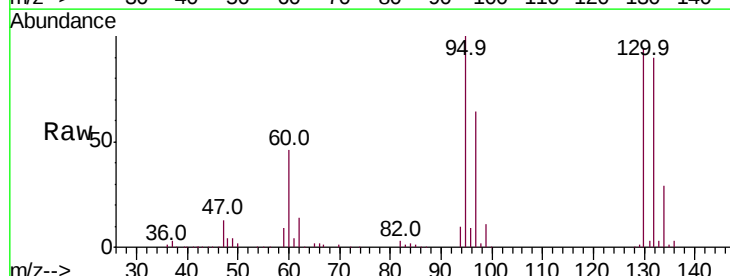
MMDadoda  
 4/9/2019 1:50:04 PM

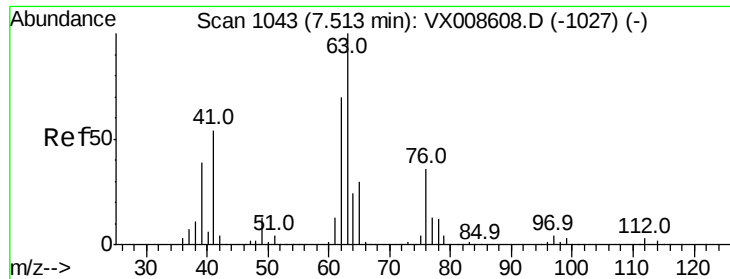


#44

Trichloroethene  
 Concen: 47.143 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 106.9 | 0.0   | 209.8 |





#45

1,2-Dichloropropane

Concen: 48.280 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 63 Resp: 122279

Ion Ratio Lower Upper

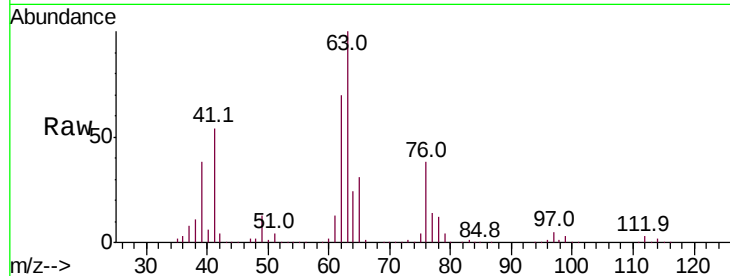
63 100

65 31.3 24.2 36.4

Manual Integrations  
APPROVED

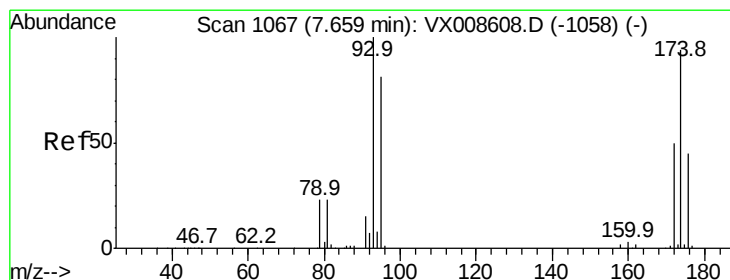
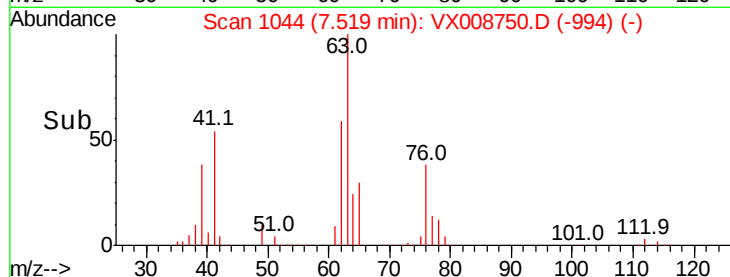
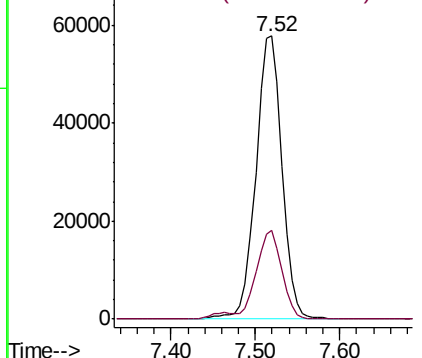
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.896 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

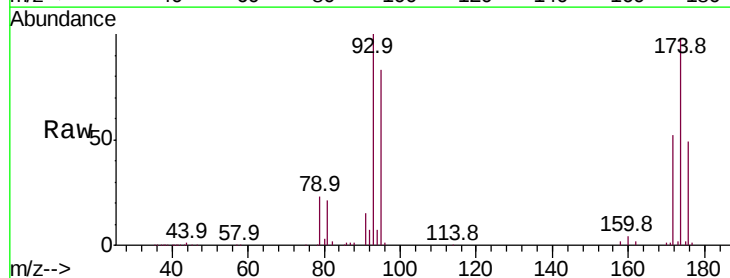
Tgt Ion: 93 Resp: 70355

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

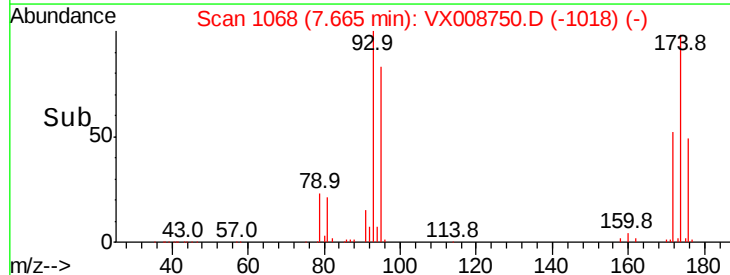
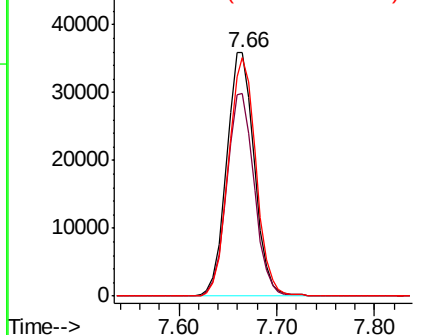
174 97.4 77.7 116.5

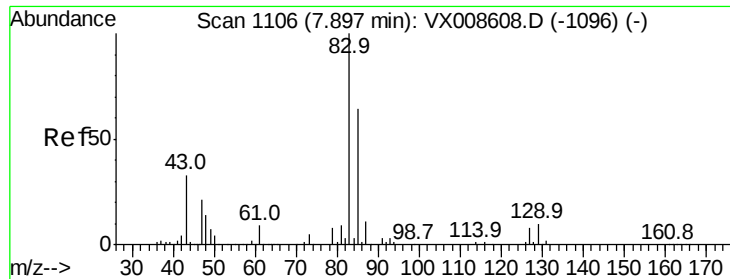


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.652 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

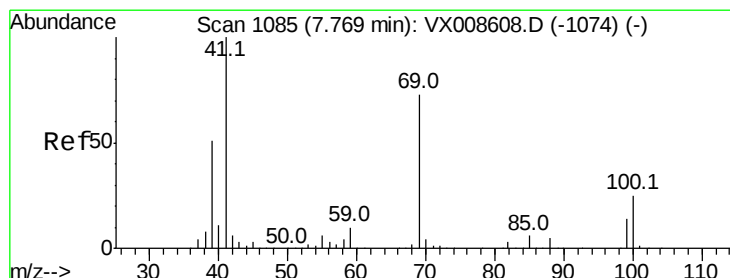
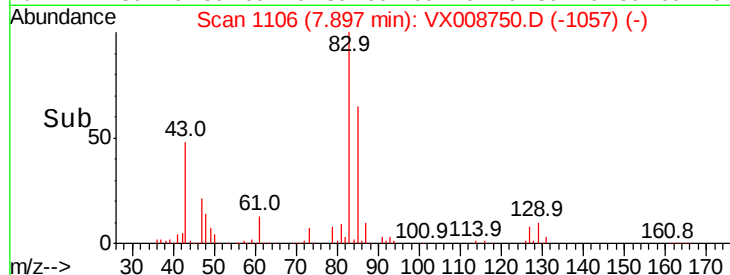
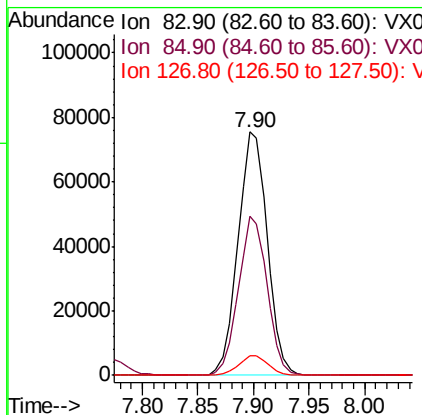
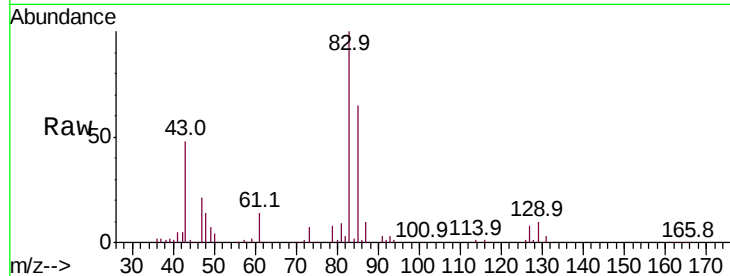
ClientSampleId :

ST008MW214-190403MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 137517 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.2  | 51.2  | 76.8   |
| 127       | 8.1   | 6.6   | 10.0   |

Manual Integrations  
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MMDadoda  
4/9/2019 1:50:04 PM



#48

Methyl methacrylate

Concen: 51.043 ug/l

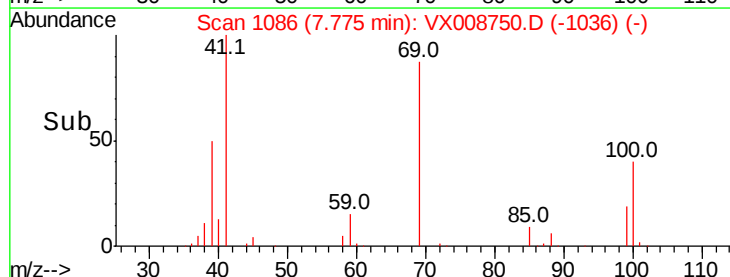
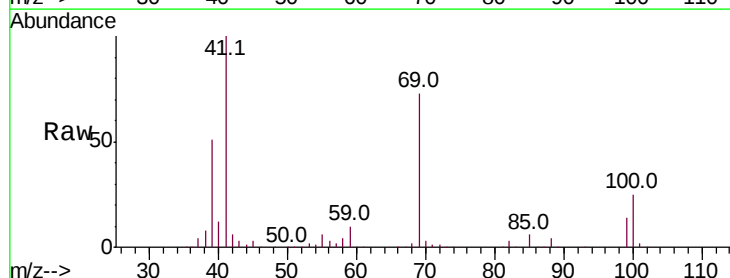
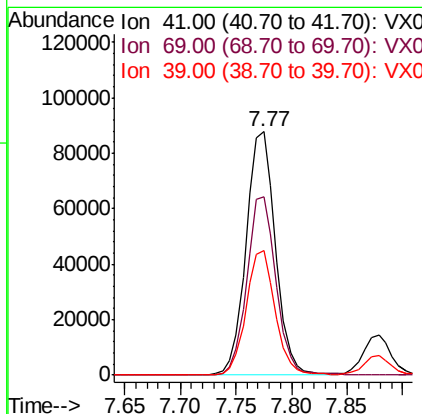
RT: 7.77 min Scan# 1086

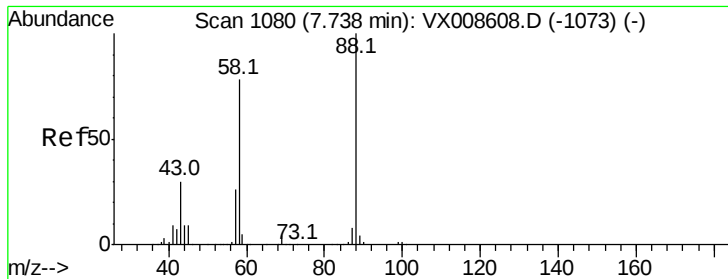
Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 160806 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 73.0  | 59.0  | 88.4   |
| 39        | 50.5  | 41.0  | 61.4   |





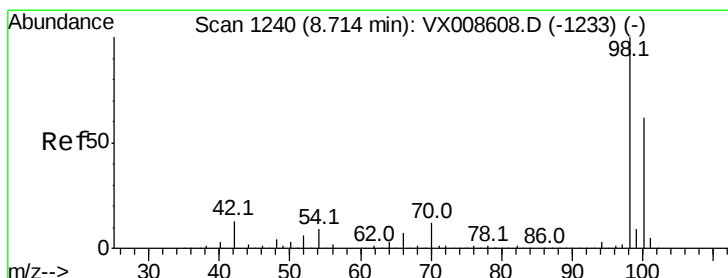
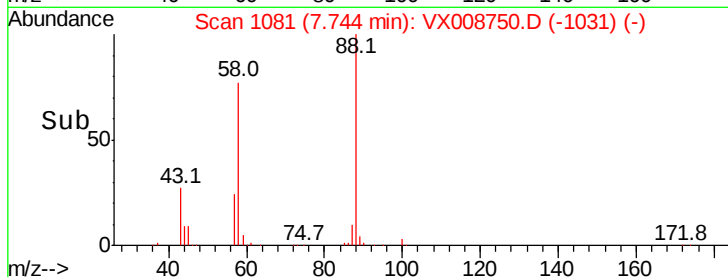
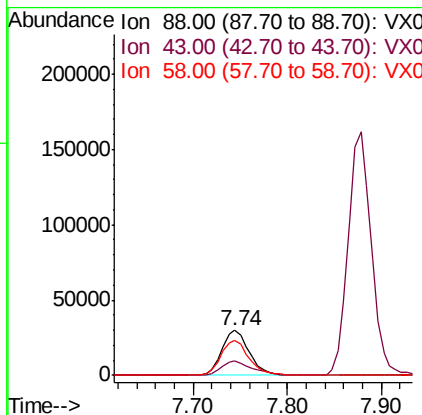
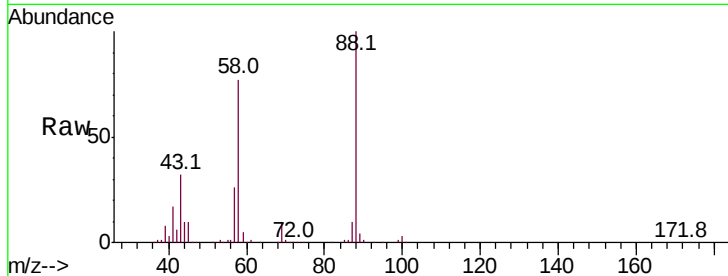
#49  
1,4-Dioxane  
Concen: 1031.410 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.0  | 28.6  | 43.0  |
| 58      | 78.9  | 62.2  | 93.2  |

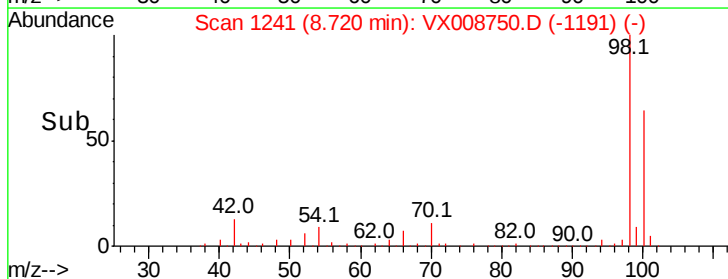
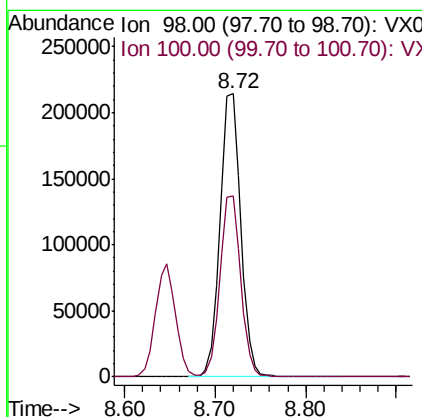
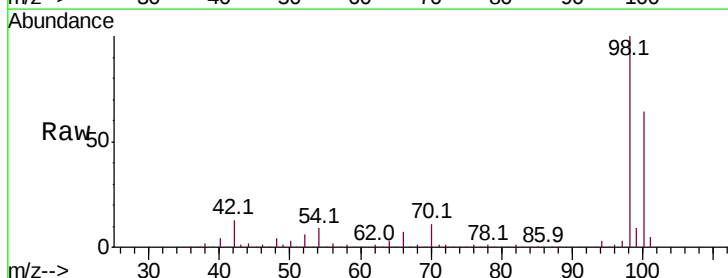
Manual Integrations  
APPROVED

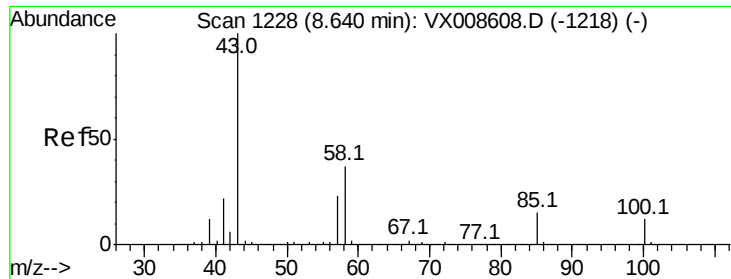
MMDadoda  
4/9/2019 1:50:04 PM



#50  
Toluene-d8  
Concen: 49.465 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 51.4  | 77.0  |





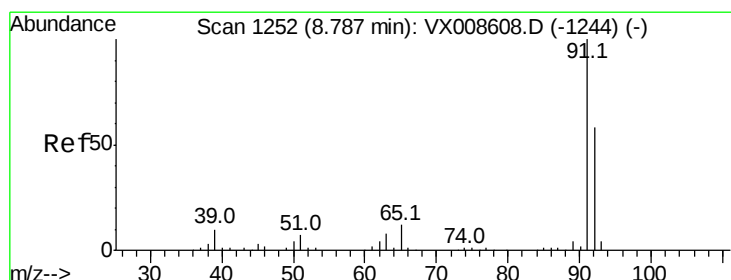
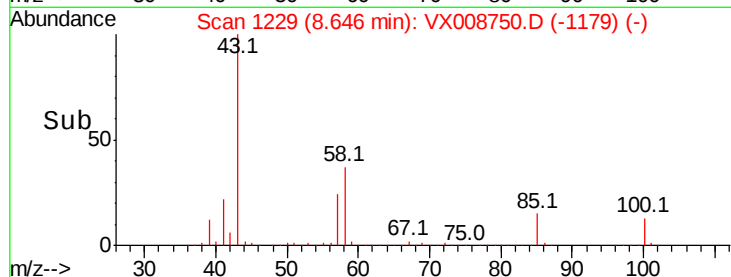
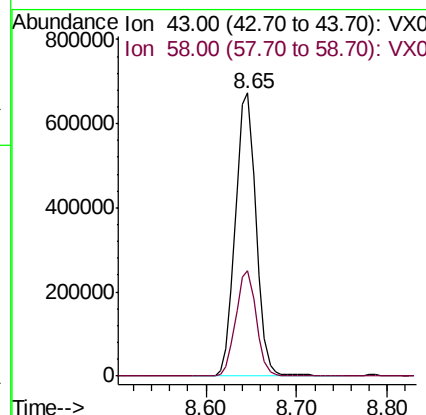
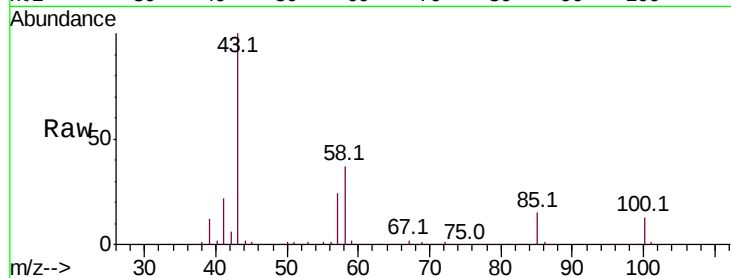
#51  
4-Methyl-2-Pentanone  
Concen: 265.803 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Tot Ion: 43 Resp: 1065651  
Ion Ratio Lower Upper  
43 100  
58 36.8 29.5 44.3

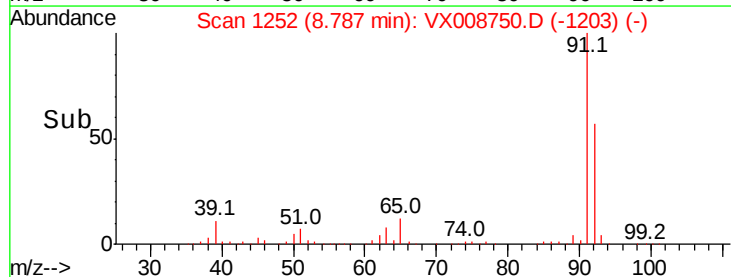
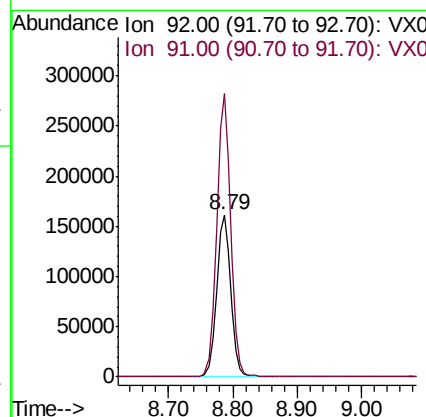
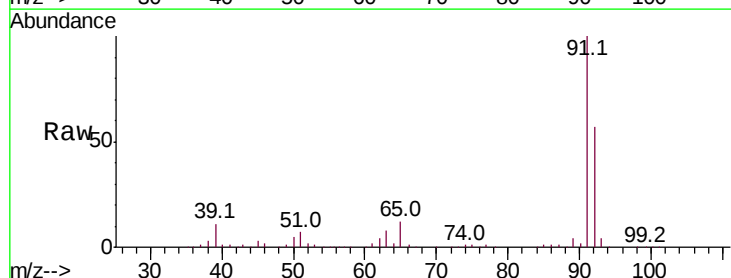
Manual Integrations  
APPROVED

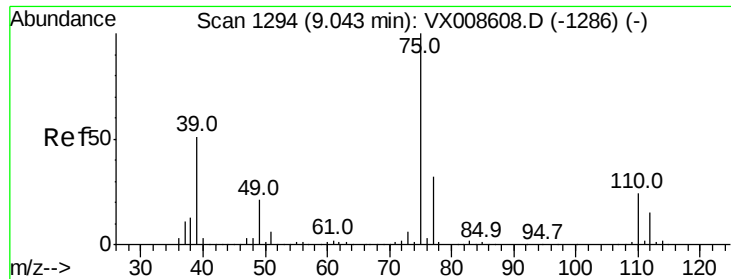
MMDadoda  
4/9/2019 1:50:04 PM



#52  
Toluene  
Concen: 47.508 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Tgt Ion: 92 Resp: 248532  
Ion Ratio Lower Upper  
92 100  
91 172.8 138.5 207.7





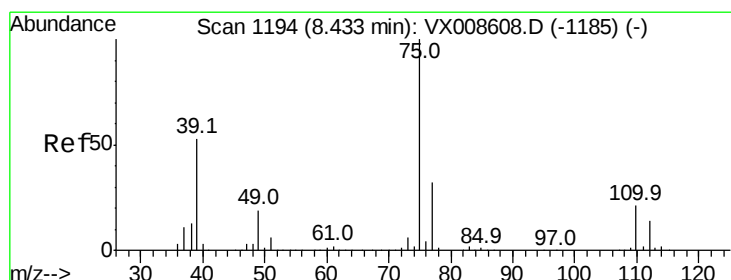
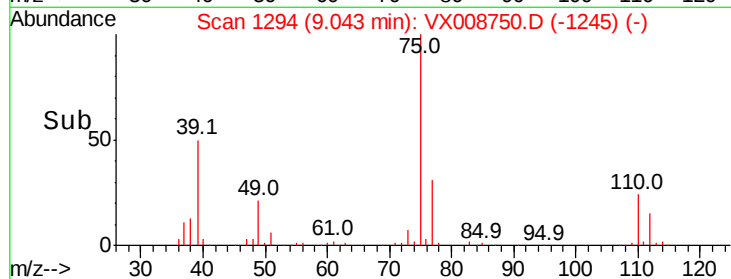
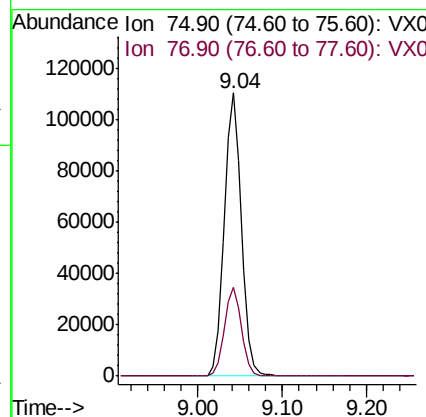
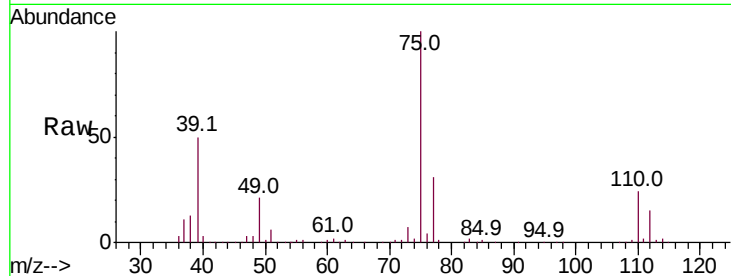
#53  
t-1,3-Dichloropropene  
Concen: 50.227 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.4  | 25.2  | 37.8  |

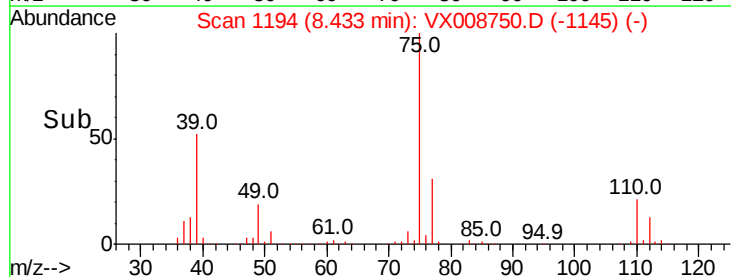
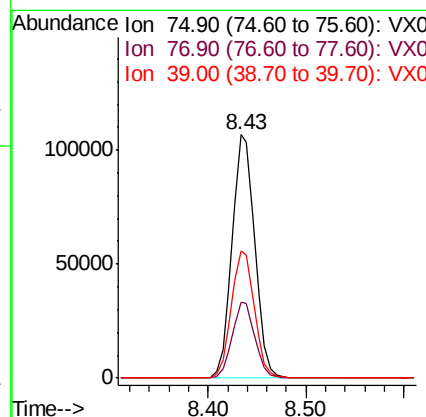
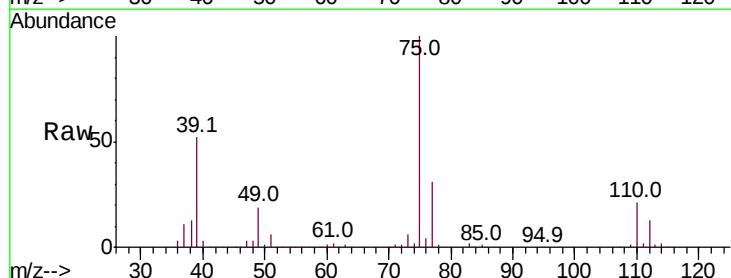
Manual Integrations  
APPROVED

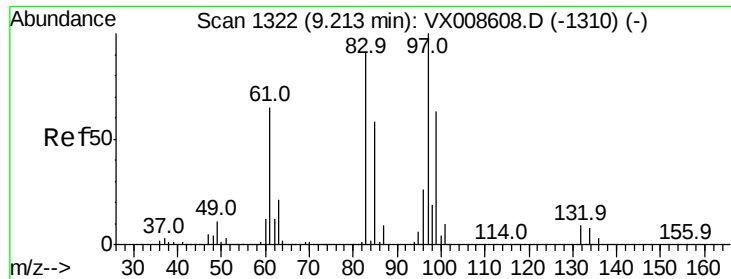
MMDadoda  
4/9/2019 1:50:04 PM



#54  
cis-1,3-Dichloropropene  
Concen: 48.706 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 25.3  | 37.9  |
| 39      | 52.1  | 42.6  | 63.8  |





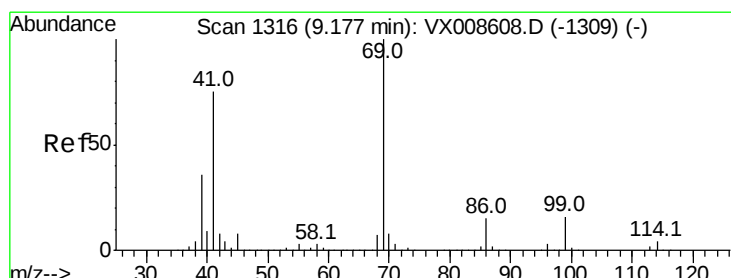
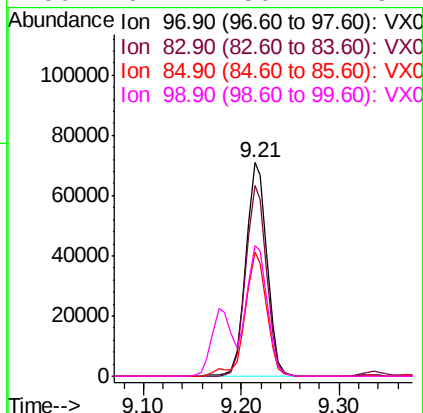
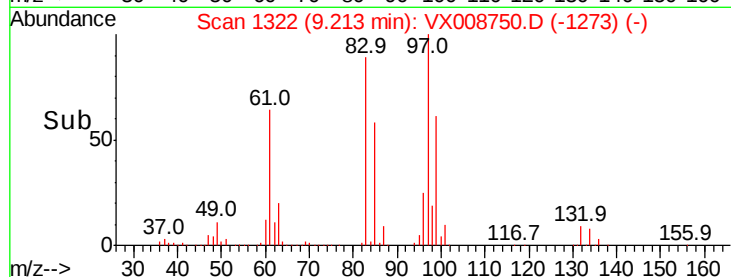
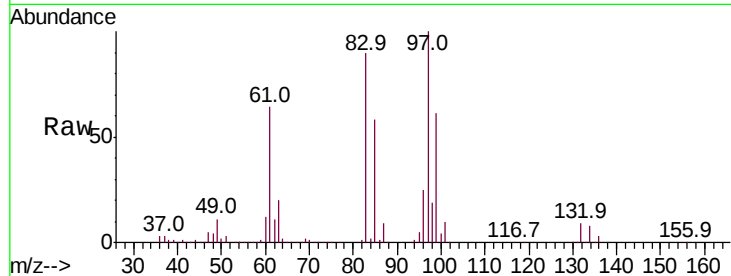
#55  
 1,1,2-Trichloroethane  
 Concen: 50.400 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 105835 |       |       |
| 83      | 89.6 | 73.2  | 109.8  |       |       |
| 85      | 57.9 | 46.6  | 69.8   |       |       |
| 99      | 61.1 | 50.1  | 75.1   |       |       |

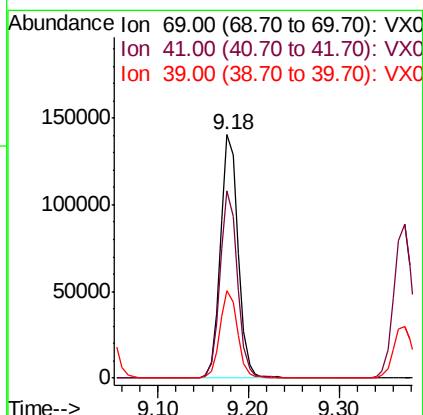
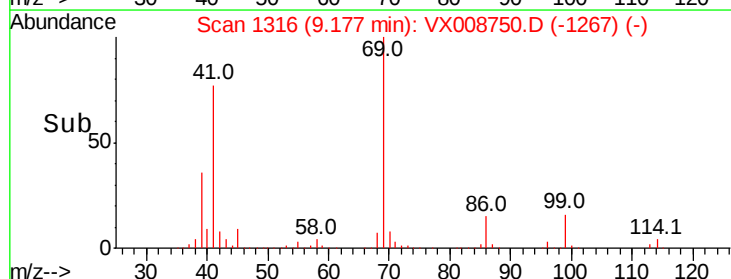
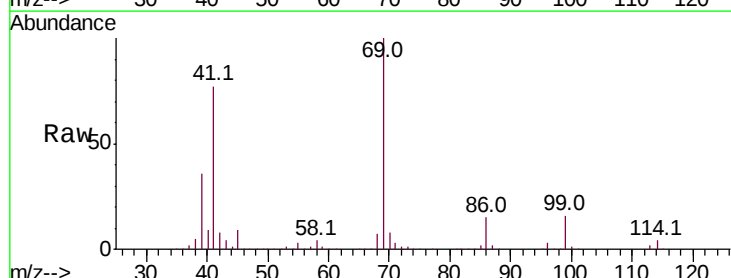
Manual Integrations  
 APPROVED

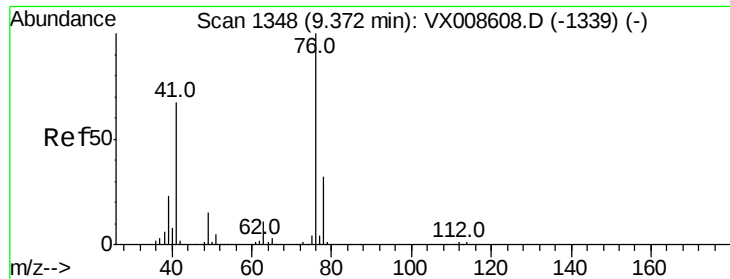
MMDadoda  
 4/9/2019 1:50:04 PM



#56  
 Ethyl methacrylate  
 Concen: 50.406 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 191512 |       |       |
| 41      | 75.6 | 60.1  | 90.1   |       |       |
| 39      | 35.7 | 28.9  | 43.3   |       |       |





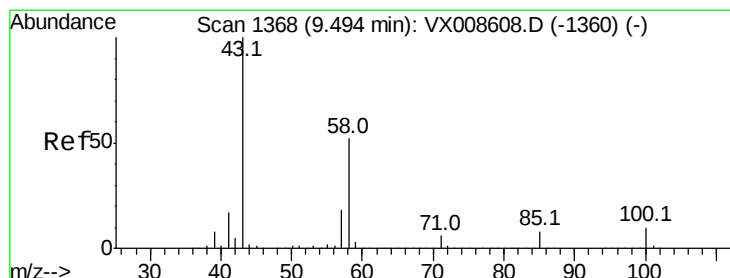
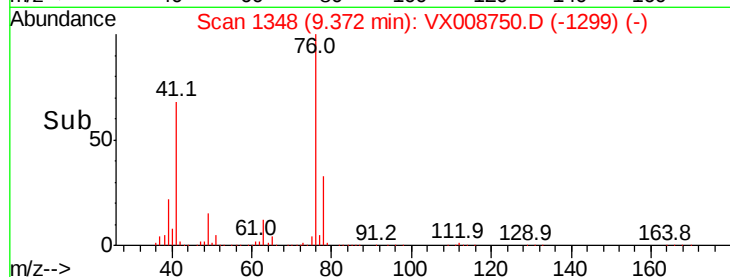
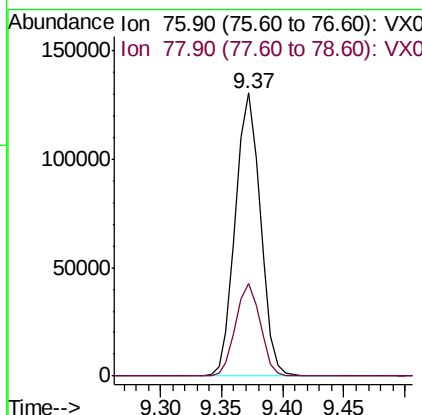
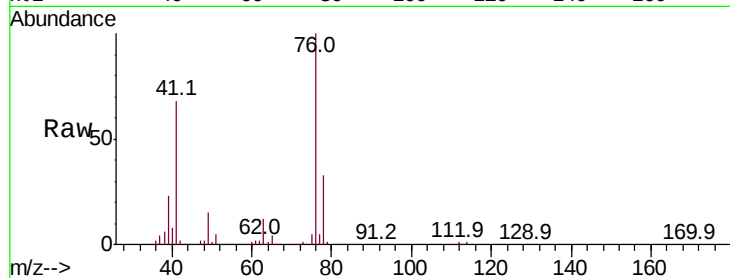
#57  
 1,3-Dichloropropane  
 Concen: 49.075 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.6  | 38.4  |

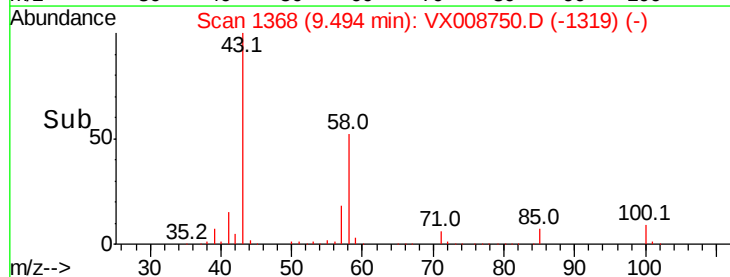
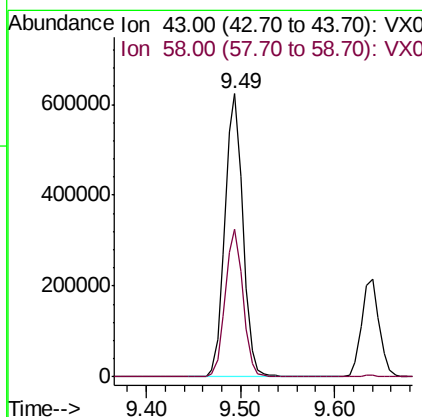
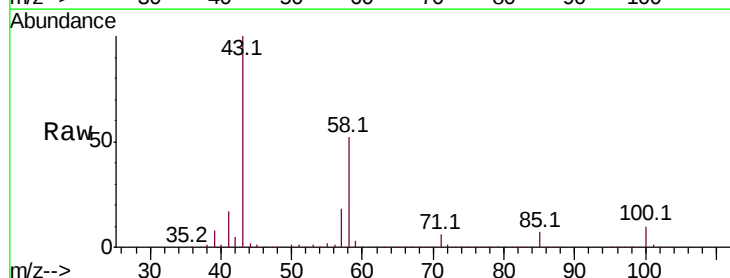
Manual Integrations  
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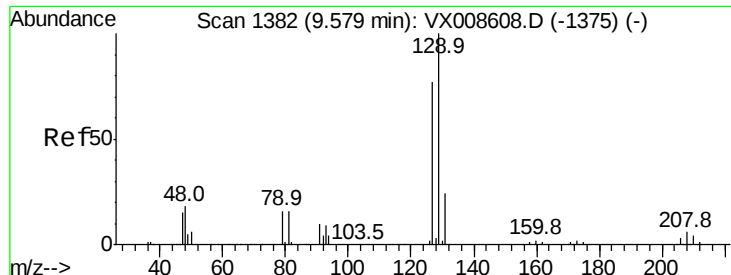
MMDadoda  
 4/9/2019 1:50:04 PM



#59  
 2-Hexanone  
 Concen: 265.028 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.7  | 25.9  | 77.7  |





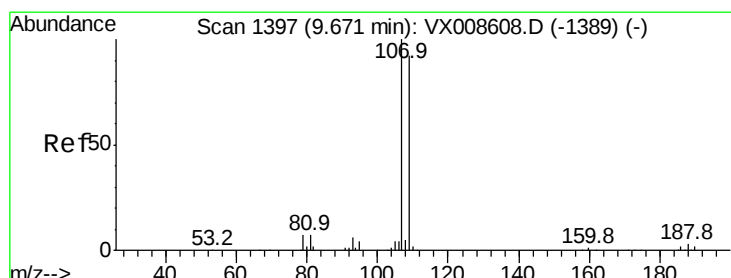
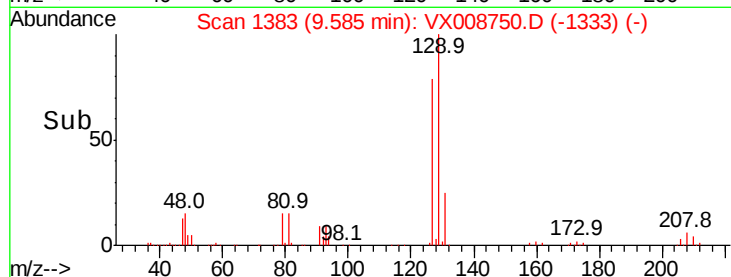
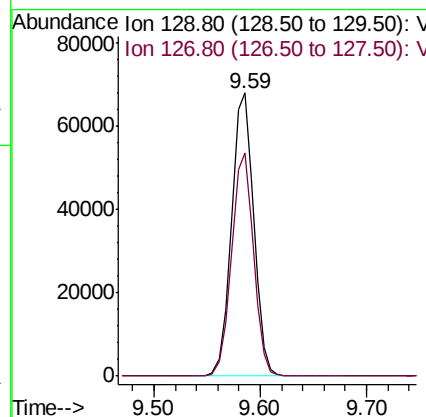
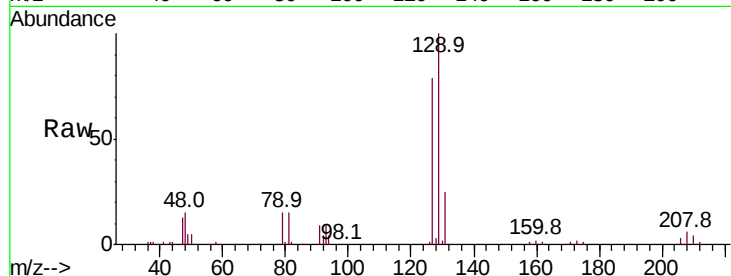
#60  
Dibromochloromethane  
Concen: 50.311 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.8  | 38.5  | 115.3 |

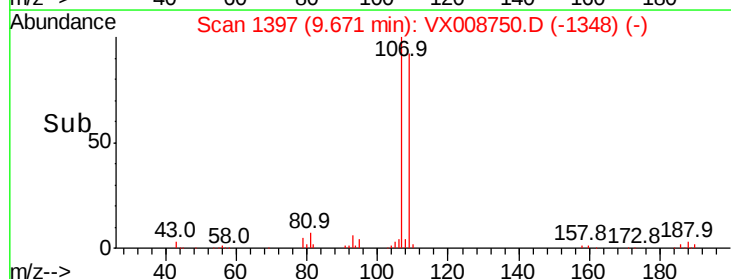
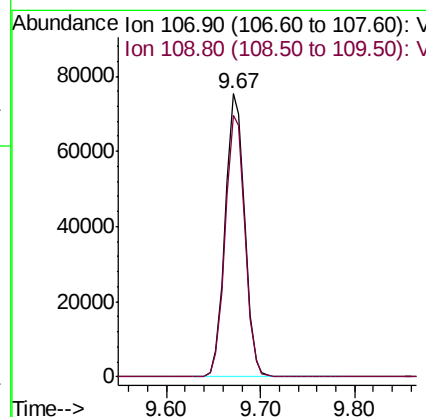
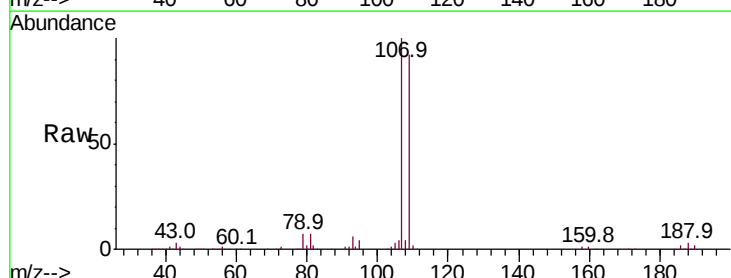
Manual Integrations  
APPROVED

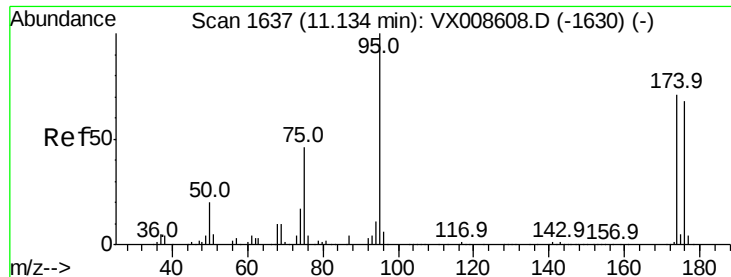
MMDadoda  
4/9/2019 1:50:04 PM



#61  
1,2-Dibromoethane  
Concen: 49.370 ug/l  
RT: 9.67 min Scan# 1397  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.7  | 74.1  | 111.1 |





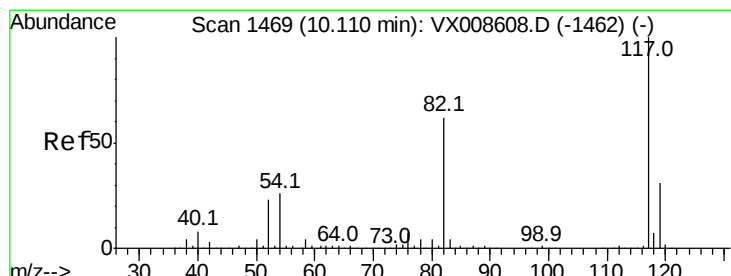
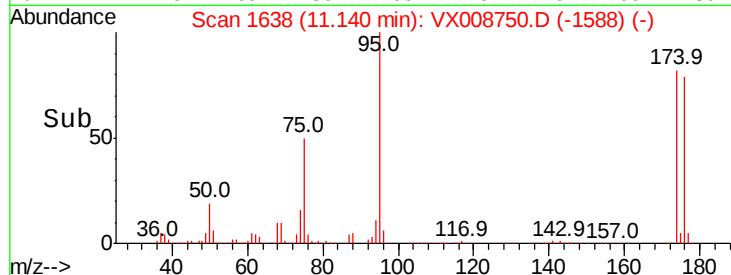
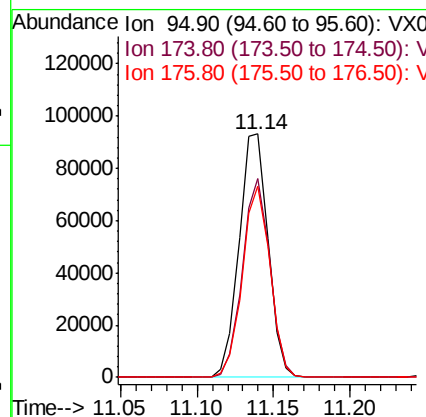
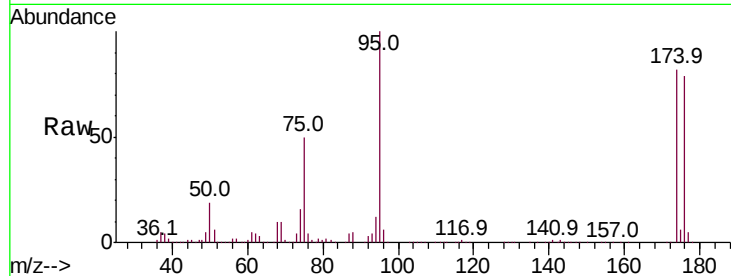
#62  
4-Bromofluorobenzene  
Concen: 49.772 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 122435 |       |       |
| 174     | 77.1  | 0.0    | 151.8 |       |
| 176     | 75.0  | 0.0    | 145.8 |       |

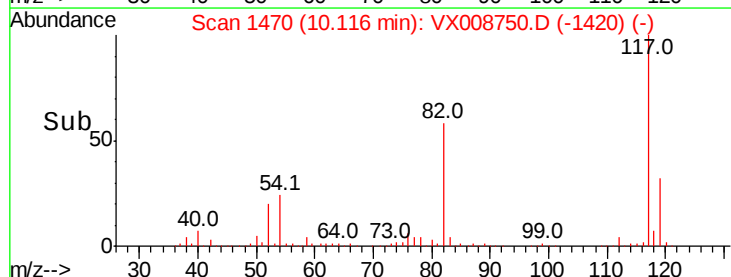
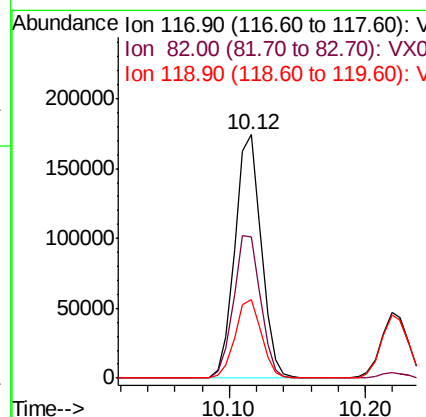
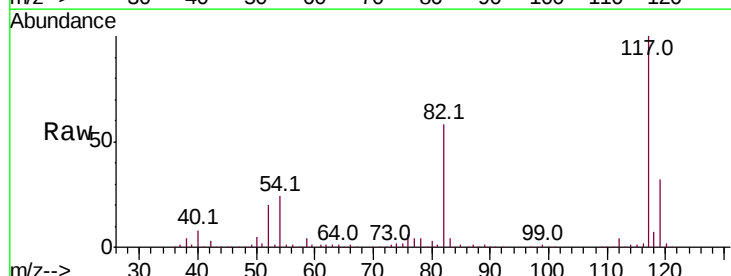
Manual Integrations  
APPROVED

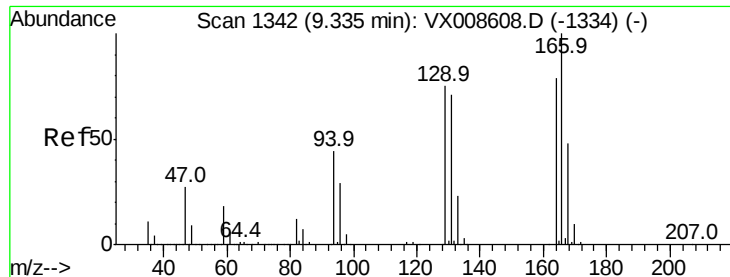
MMDadoda  
4/9/2019 1:50:04 PM



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 235507 |       |       |
| 82      | 58.2  | 49.6   | 74.4  |       |
| 119     | 32.1  | 25.0   | 37.4  |       |





#64

Tetrachloroethene

Concen: 50.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion:164 Resp: 88400

Ion Ratio Lower Upper

164 100

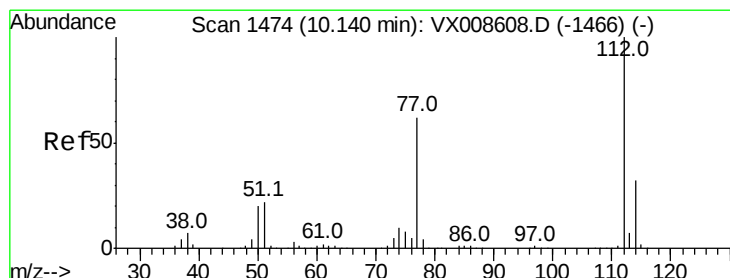
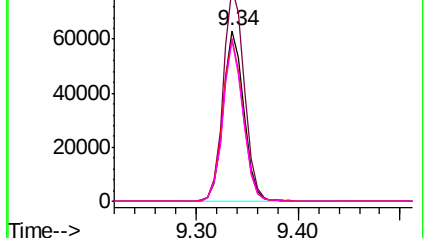
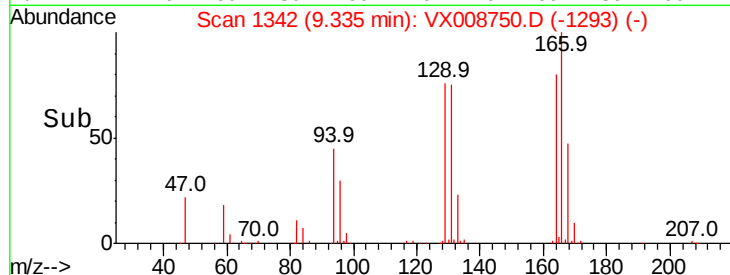
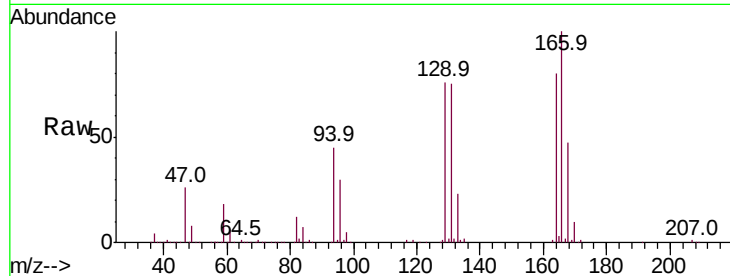
166 125.4 101.0 151.6

129 95.3 75.8 113.8

131 94.4 71.8 107.8

Manual Integrations  
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4/9/2019 1:50:04 PM



#65

Chlorobenzene

Concen: 48.107 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008750.D

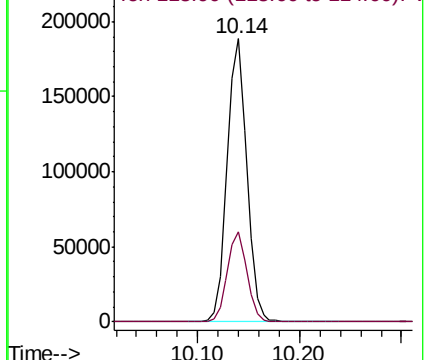
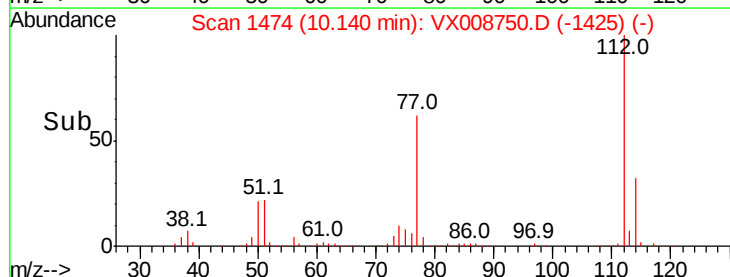
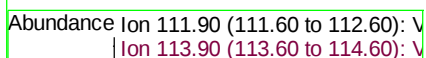
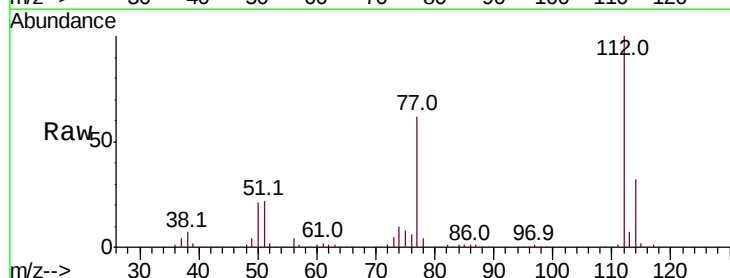
Acq: 08 Apr 2019 17:12

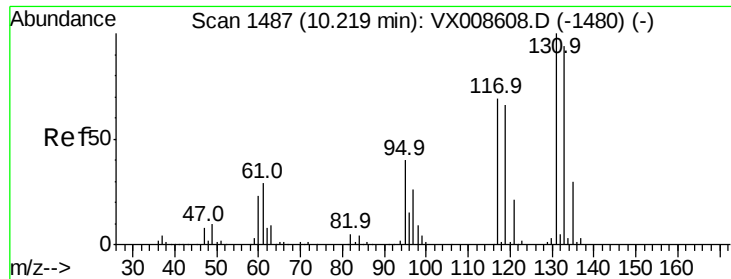
Tgt Ion:112 Resp: 251138

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 50.148 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion:131 Resp: 91842

Ion Ratio Lower Upper

131 100

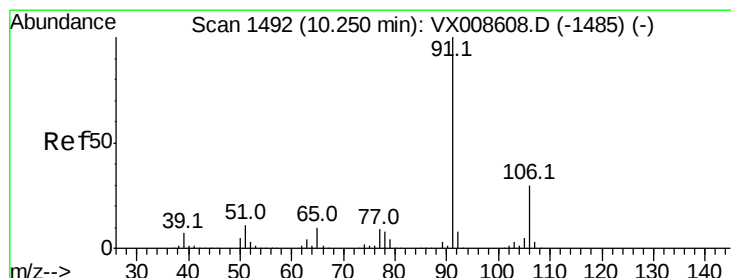
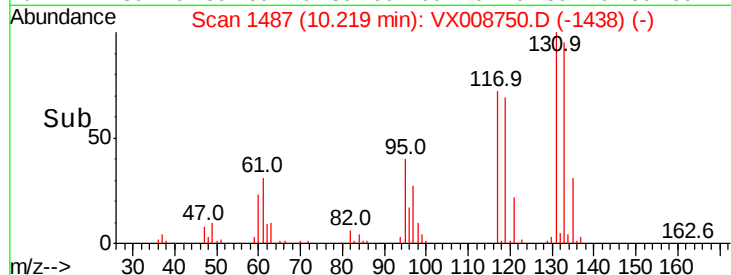
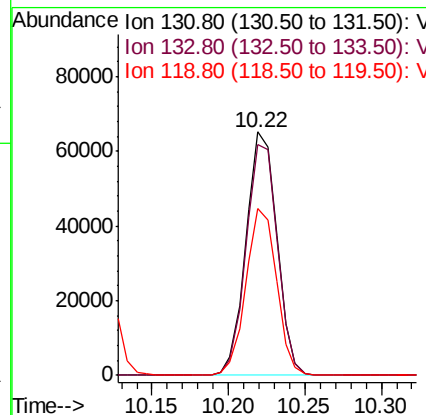
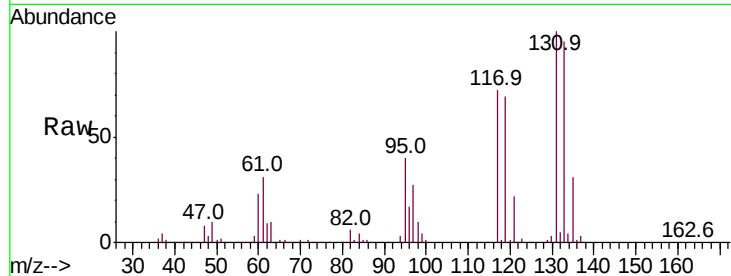
133 96.2 47.0 141.2

119 67.7 33.7 101.0

Manual Integrations  
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#67

Ethyl Benzene

Concen: 48.129 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008750.D

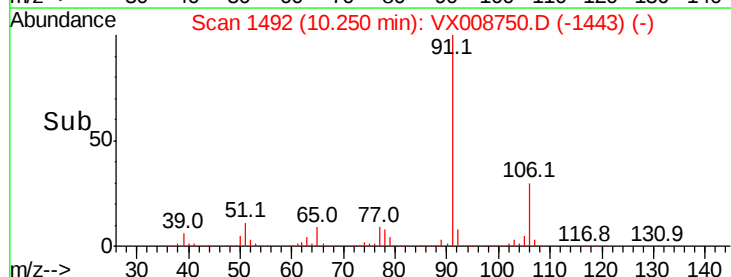
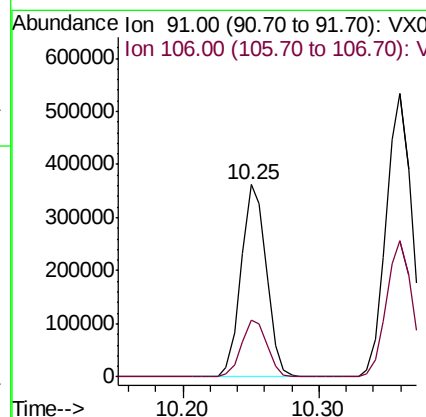
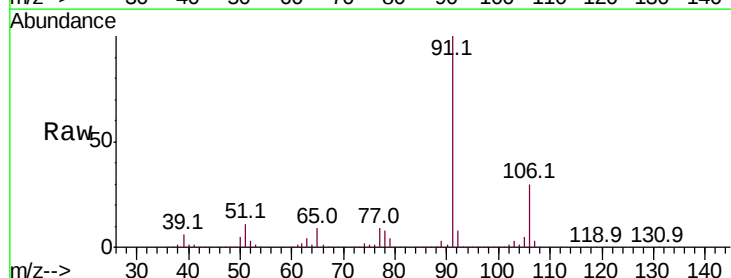
Acq: 08 Apr 2019 17:12

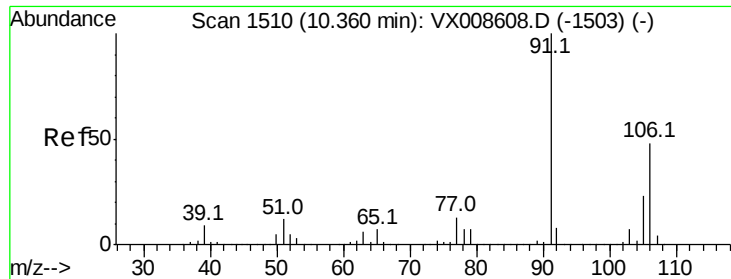
Tgt Ion: 91 Resp: 468506

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5





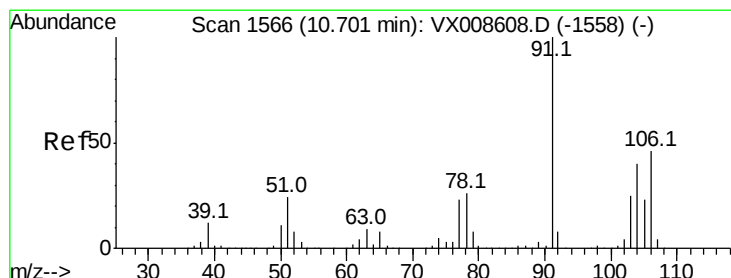
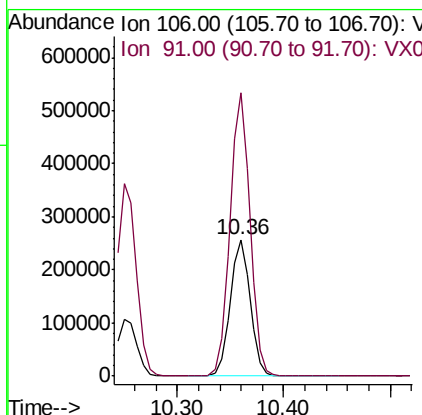
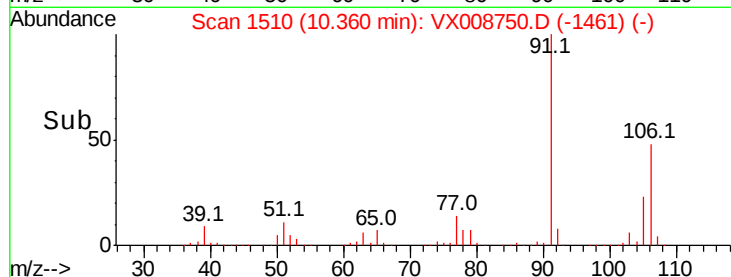
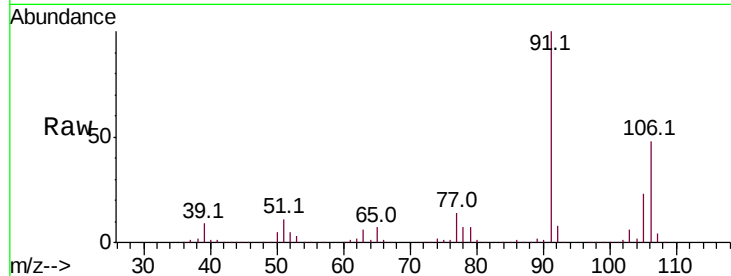
#68  
m/p-Xylenes  
Concen: 96.637 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Tot Ion:106 Resp: 338234  
Ion Ratio Lower Upper  
106 100  
91 208.3 168.5 252.7

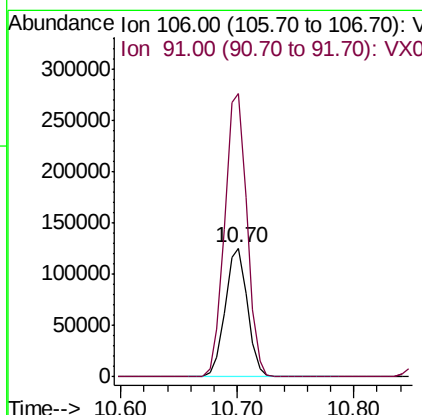
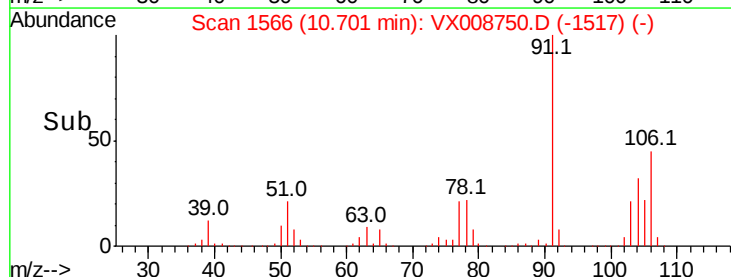
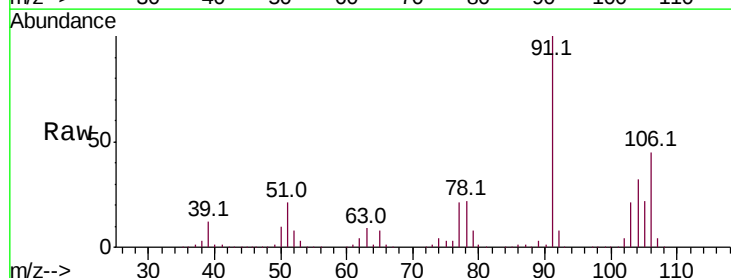
Manual Integrations  
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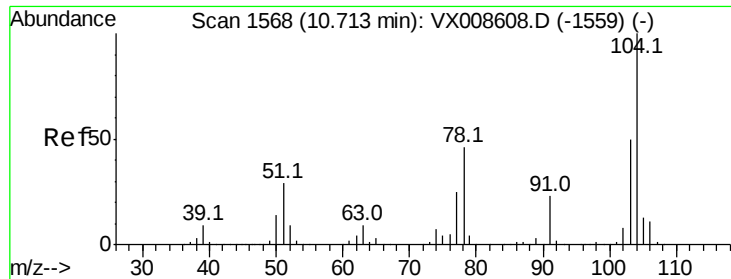
MMDadoda  
4/9/2019 1:50:04 PM



#69  
o-Xylene  
Concen: 48.855 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Tgt Ion:106 Resp: 165714  
Ion Ratio Lower Upper  
106 100  
91 221.8 111.5 334.4





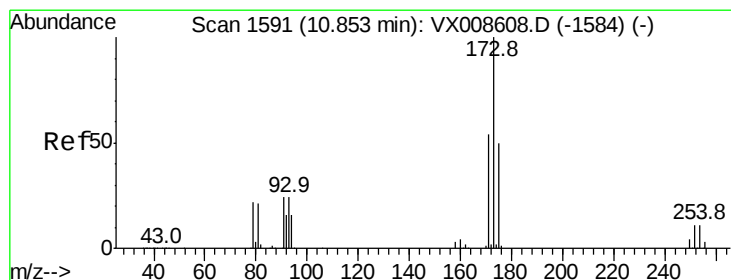
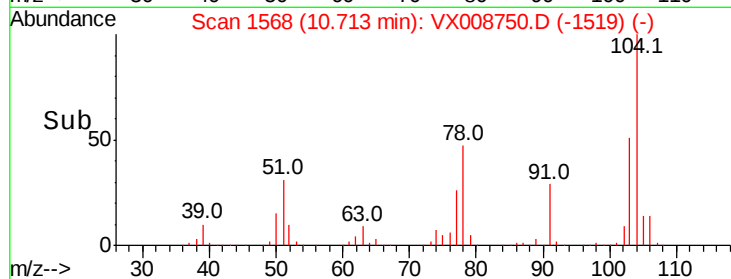
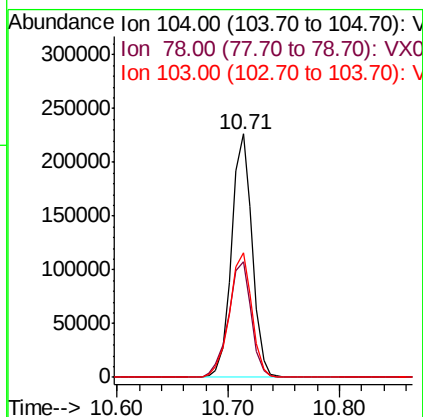
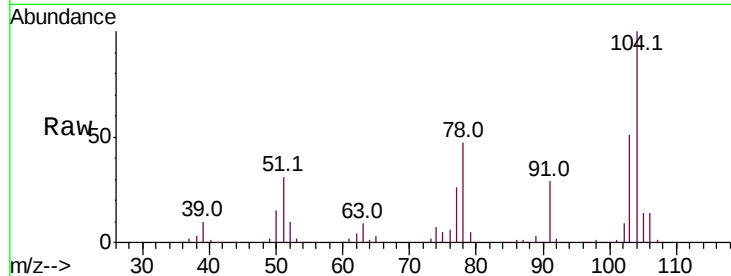
#70  
Stvrene  
Concen: 49.310 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.8  | 42.3  | 63.5  |
| 103     | 55.6  | 44.4  | 66.6  |

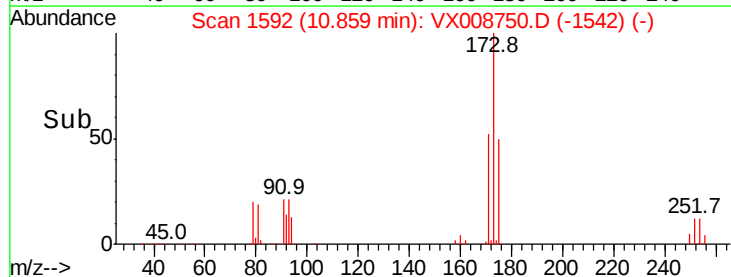
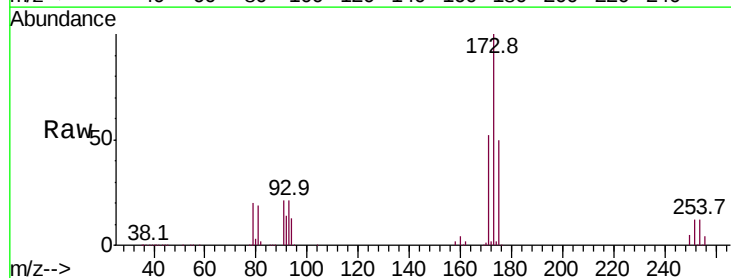
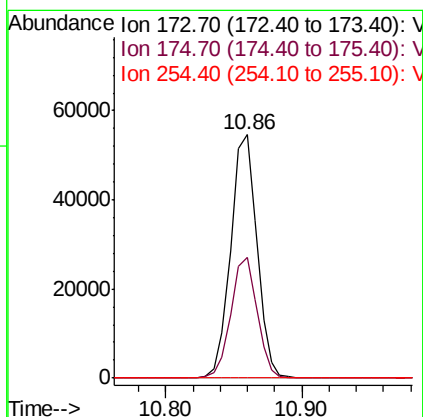
Manual Integrations  
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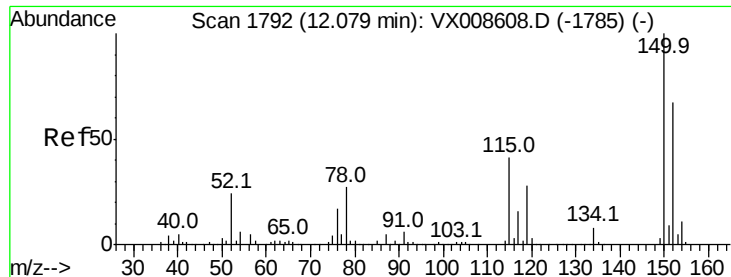
MMDadoda  
4/9/2019 1:50:04 PM



#71  
Bromoform  
Concen: 52.426 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.01 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.9  | 74.6  |
| 254     | 0.1   | 0.1   | 0.1   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

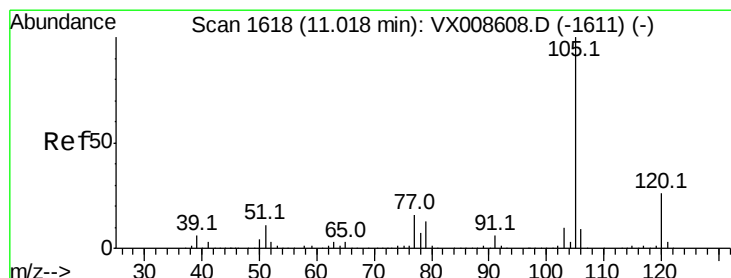
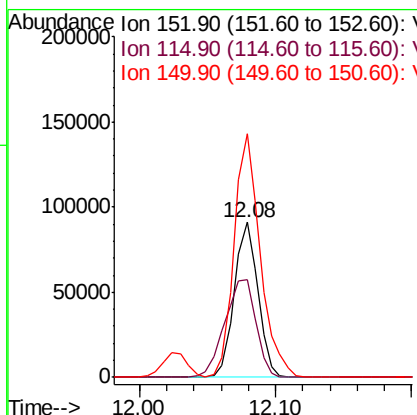
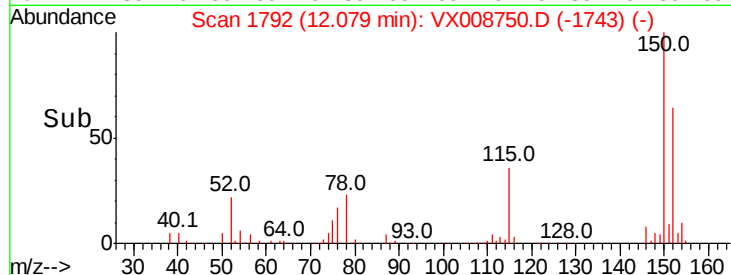
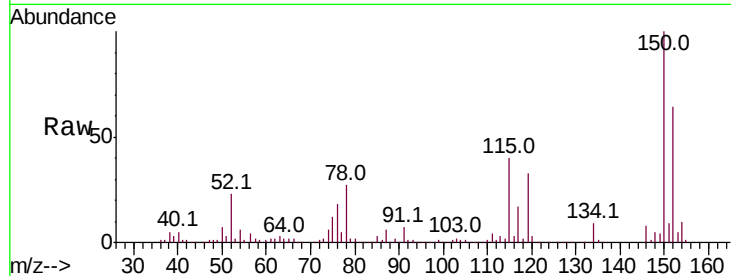
ClientSampleId :

ST008MW214-190403MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 109893 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 83.6  | 43.5  | 130.5  |
| 150       | 173.7 | 0.0   | 348.8  |

Manual Integrations  
APPROVED

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4/9/2019 1:50:04 PM



#73

Isopropylbenzene

Concen: 48.070 ug/l

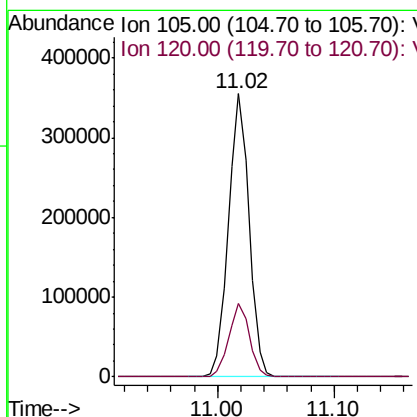
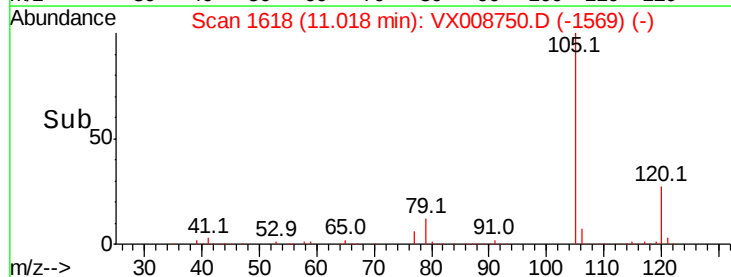
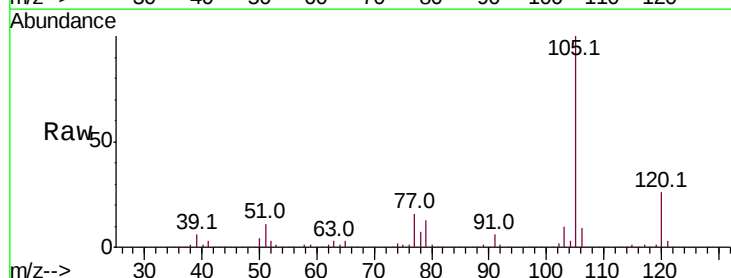
RT: 11.02 min Scan# 1618

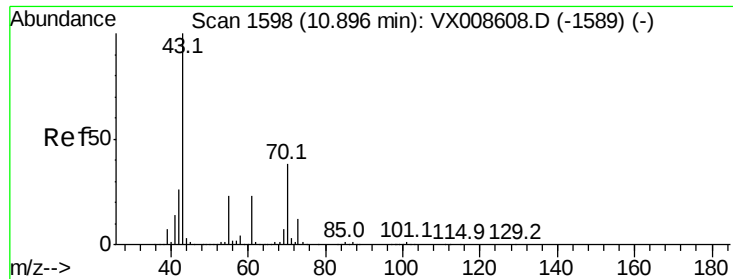
Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 437785 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 25.7  | 12.9  | 38.6   |





#74

N-amvl acetate

Concen: 49.726 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

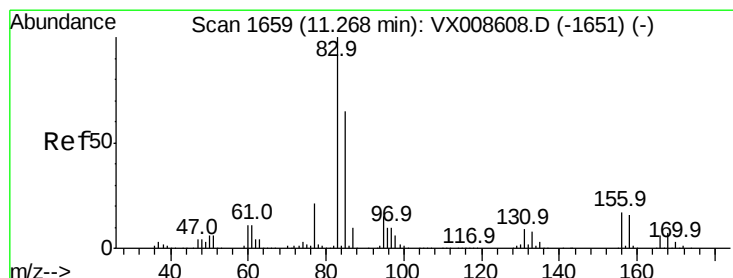
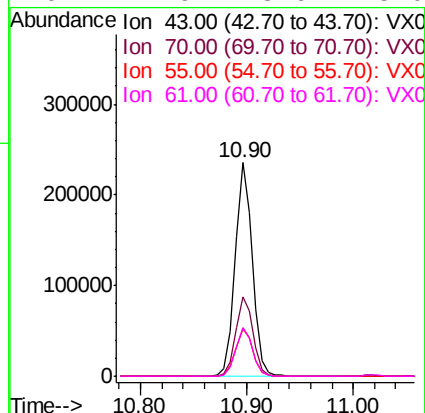
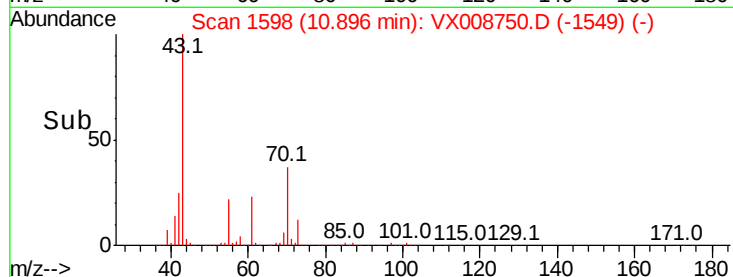
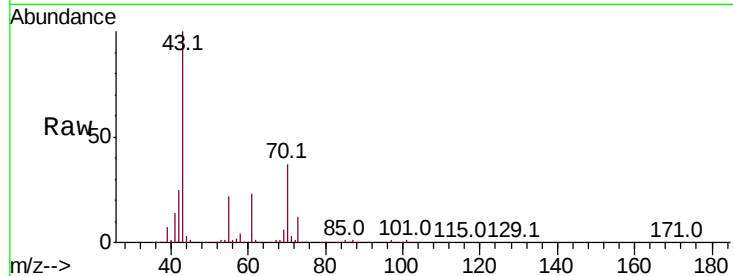
ClientSampleId :

ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 37.8  | 30.2  | 45.4  |
| 55      | 22.7  | 18.2  | 27.4  |
| 61      | 22.6  | 18.6  | 28.0  |

Manual Integrations  
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4/9/2019 1:50:04 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.659 ug/l

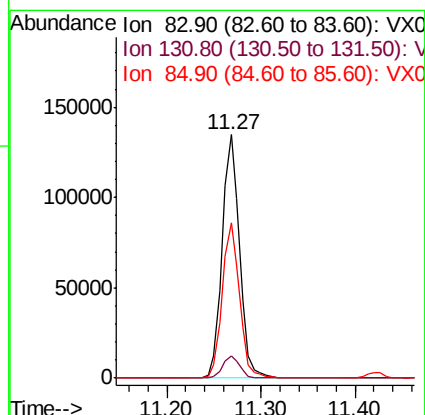
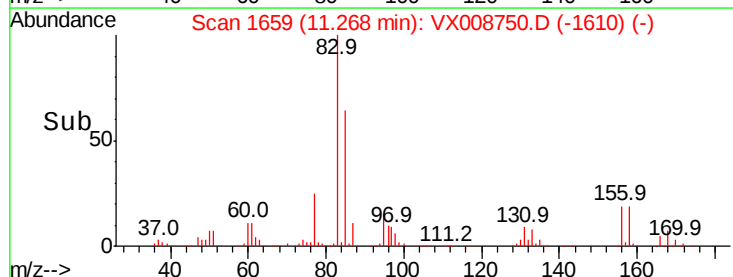
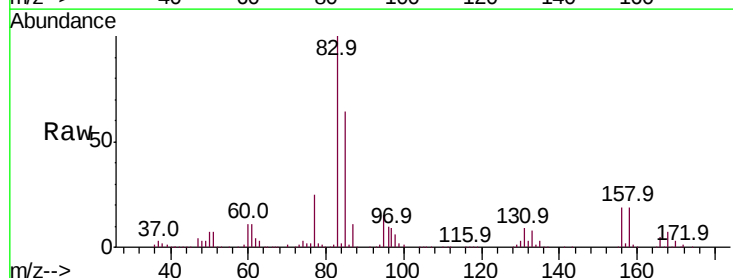
RT: 11.27 min Scan# 1659

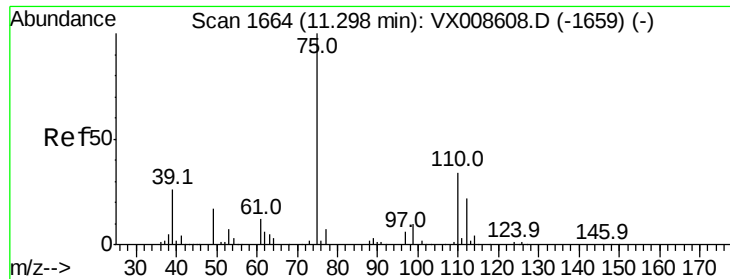
Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 9.2   | 4.5   | 13.7  |
| 85      | 63.6  | 32.0  | 96.2  |





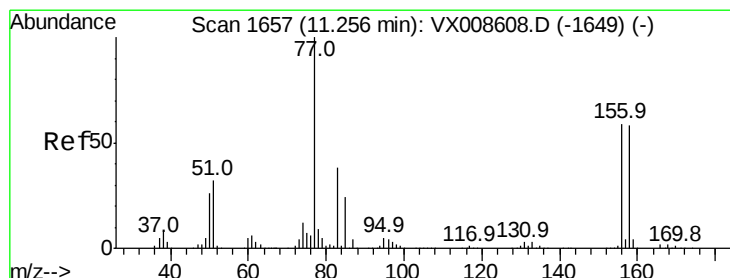
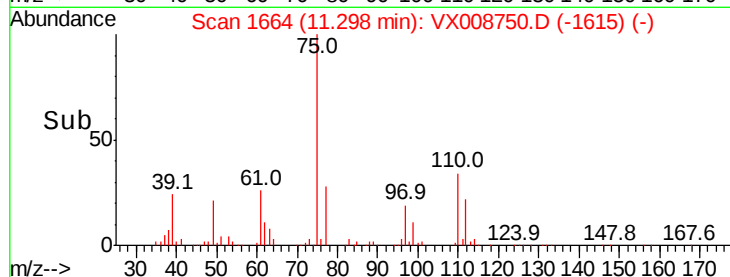
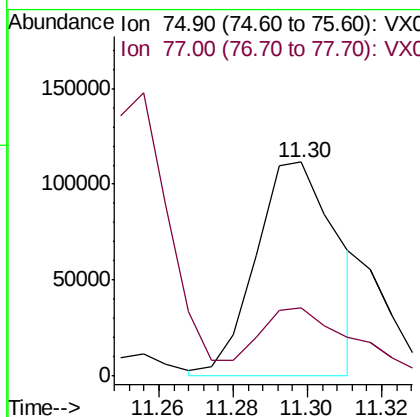
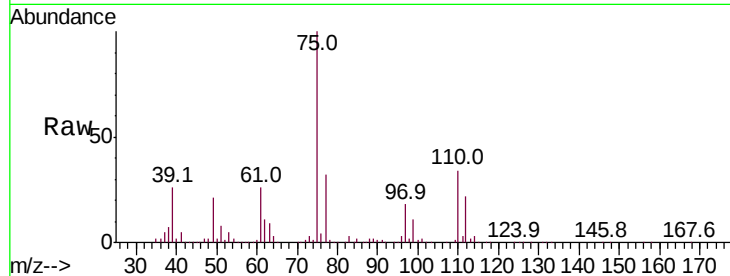
#76  
 1,2,3-Trichloropropane  
 Concen: 55.701 ug/l m  
 RT: 11.30 min Scan# 1664  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

Tot Ion: 75 Resp: 168154  
 Ion Ratio Lower Upper  
 75 100  
 77 36.7 22.3 66.8

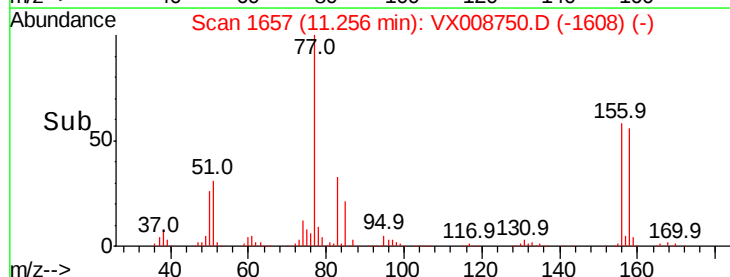
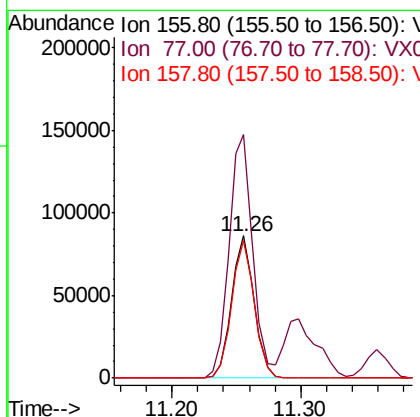
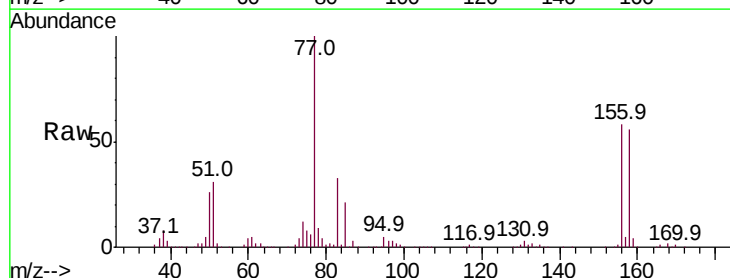
Manual Integrations  
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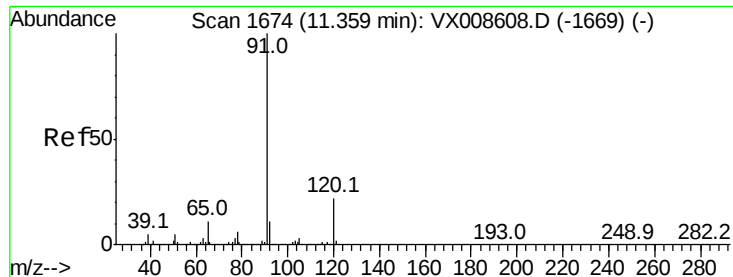
MMDadoda  
 4/9/2019 1:50:04 PM



#77  
 Bromobenzene  
 Concen: 48.383 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Tgt Ion: 156 Resp: 105928  
 Ion Ratio Lower Upper  
 156 100  
 77 180.0 89.8 269.6  
 158 96.8 48.6 145.9





#78

n-propylbenzene

Concen: 47.455 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion: 91 Resp: 503215

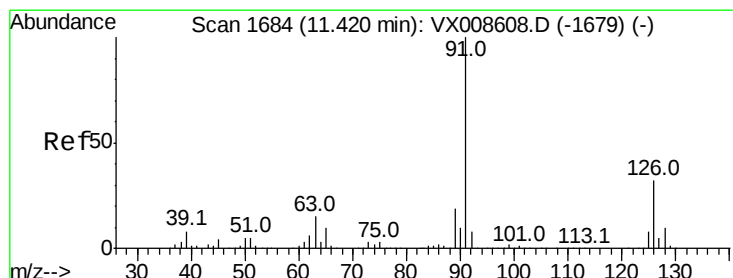
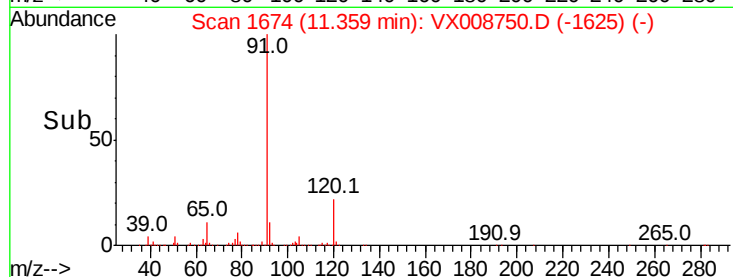
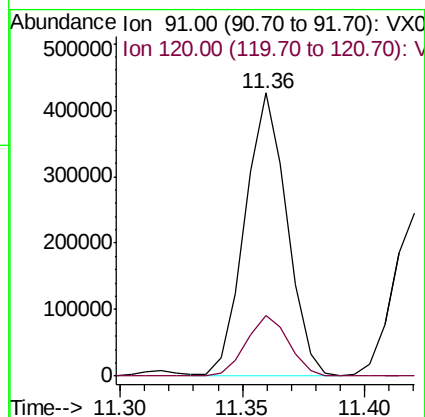
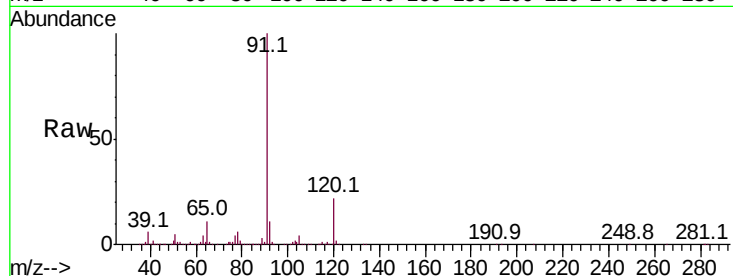
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7

Manual Integrations  
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4/9/2019 1:50:04 PM



#79

2-Chlorotoluene

Concen: 46.984 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008750.D

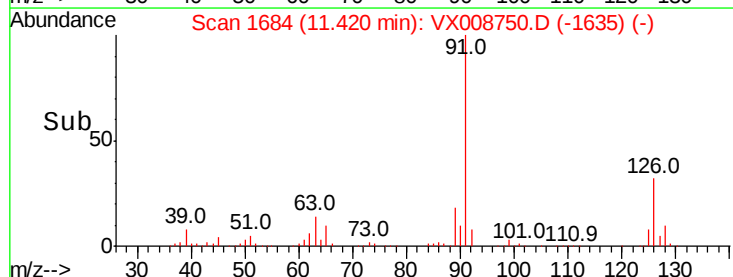
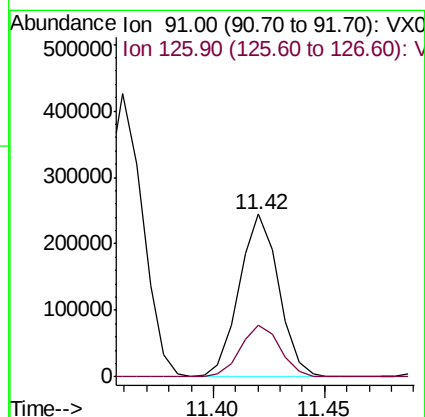
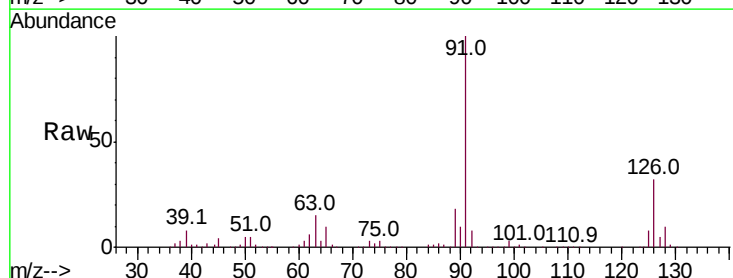
Acq: 08 Apr 2019 17:12

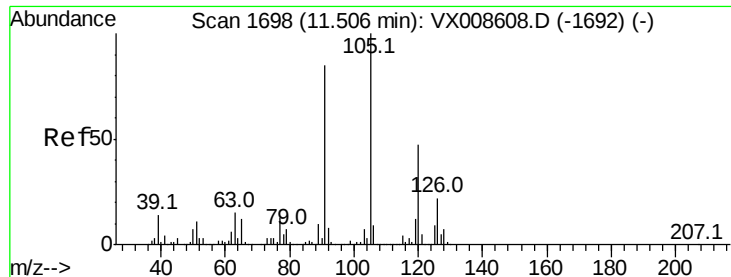
Tgt Ion: 91 Resp: 301505

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 48.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW214-190403MS

Tot Ion:105 Resp: 367981

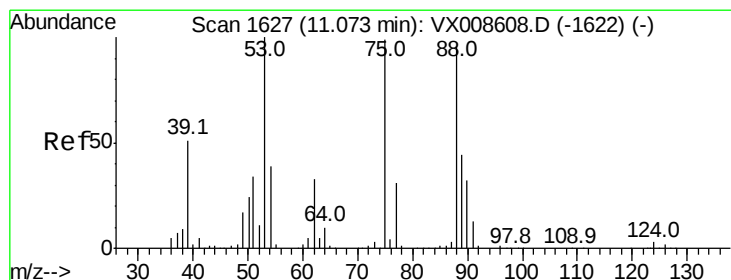
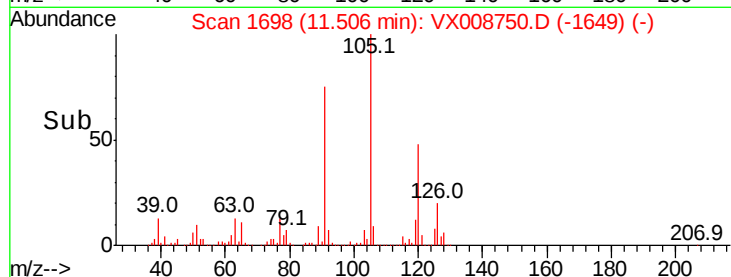
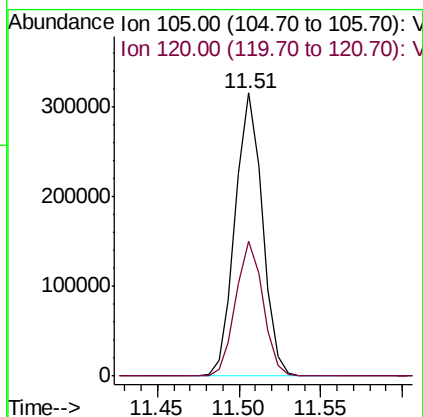
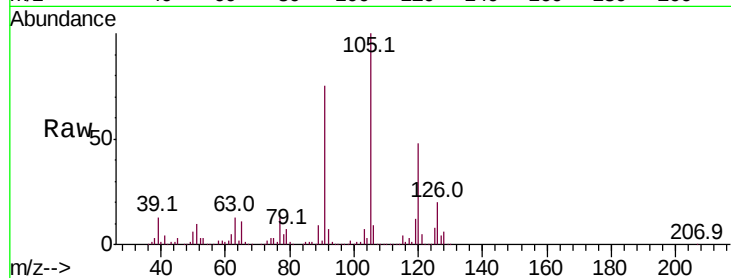
Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6

Manual Integrations  
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4/9/2019 1:50:04 PM



#81

trans-1,4-Dichloro-2-butene

Concen: 50.498 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

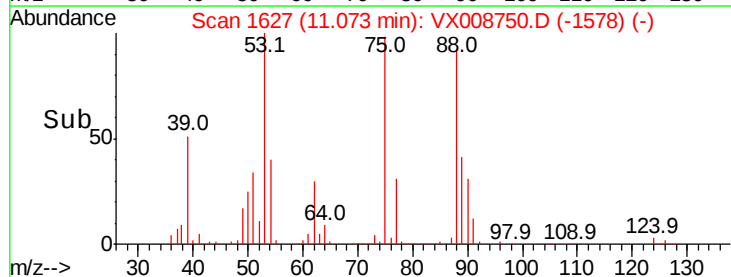
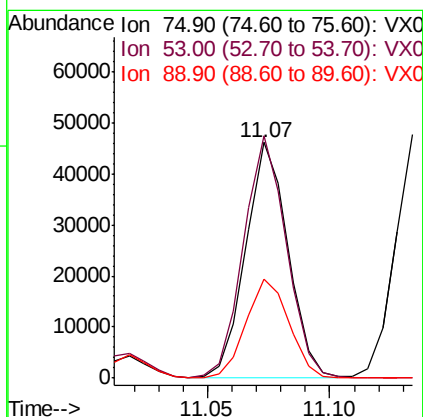
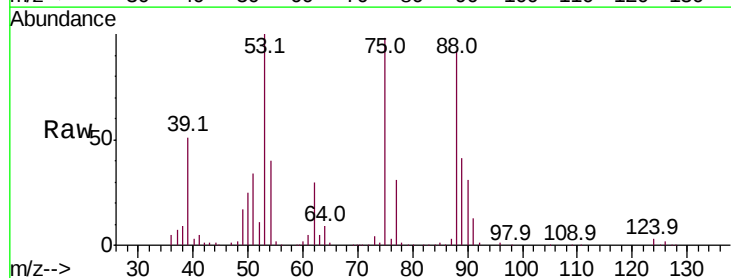
Tgt Ion: 75 Resp: 55303

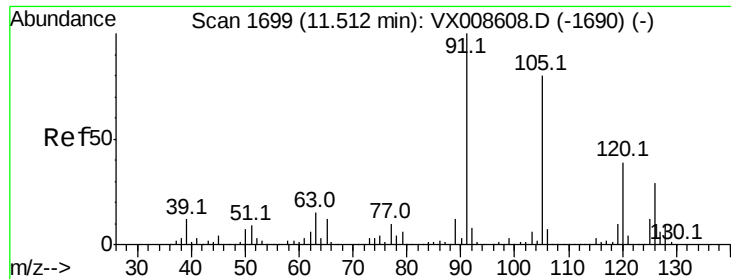
Ion Ratio Lower Upper

75 100

53 104.0 81.3 121.9

89 43.1 35.6 53.4





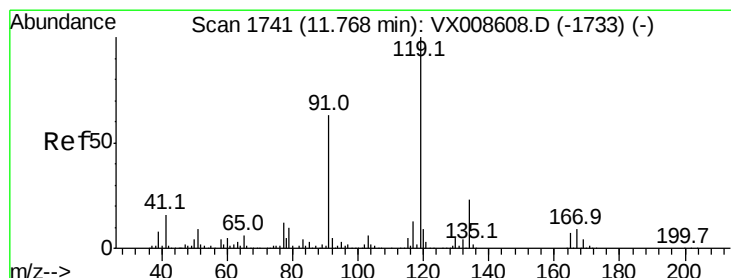
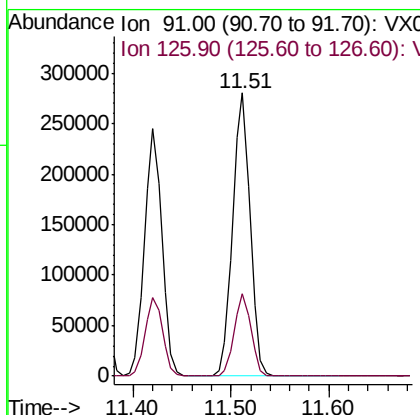
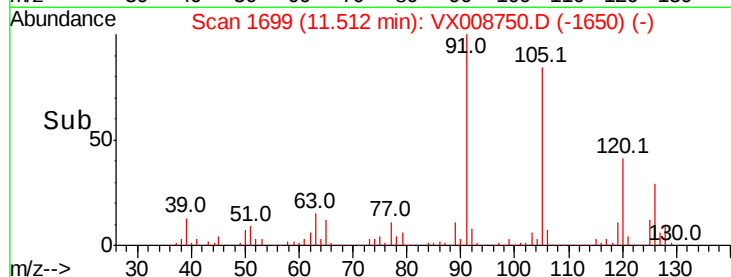
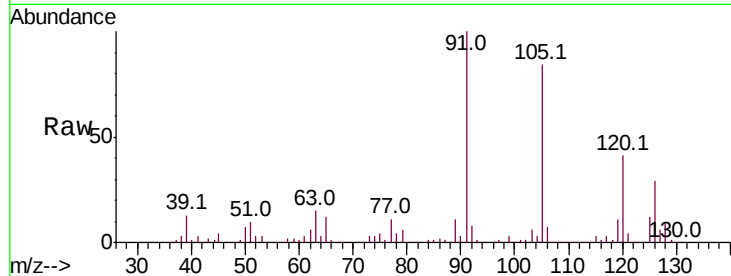
#82  
4-Chlorotoluene  
Concen: 46.740 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Tot Ion: 91 Resp: 347186  
Ion Ratio Lower Upper  
91 100  
126 28.4 13.9 41.6

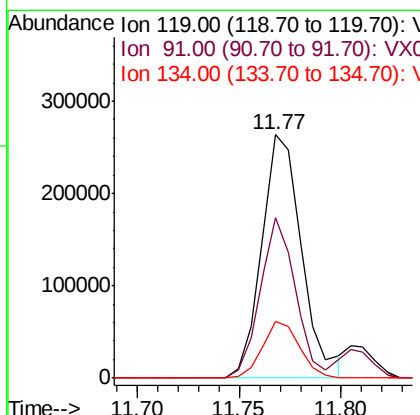
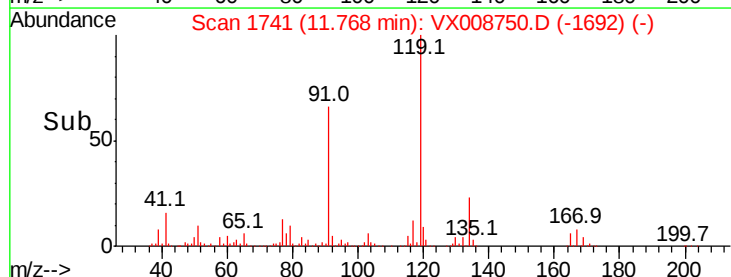
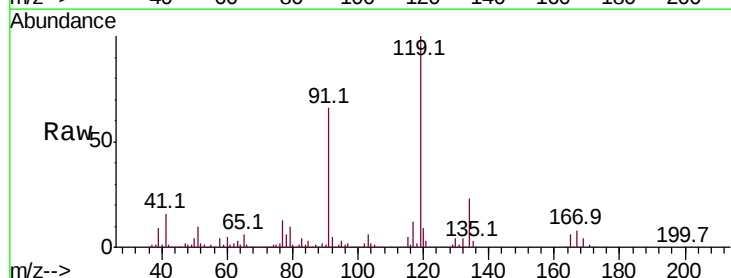
Manual Integrations  
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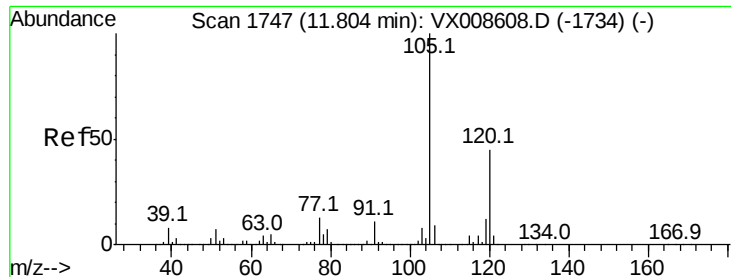
MMDadoda  
4/9/2019 1:50:04 PM



#83  
tert-Butylbenzene  
Concen: 49.010 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Tgt Ion: 119 Resp: 360458  
Ion Ratio Lower Upper  
119 100  
91 58.2 30.0 90.1  
134 21.8 11.1 33.3





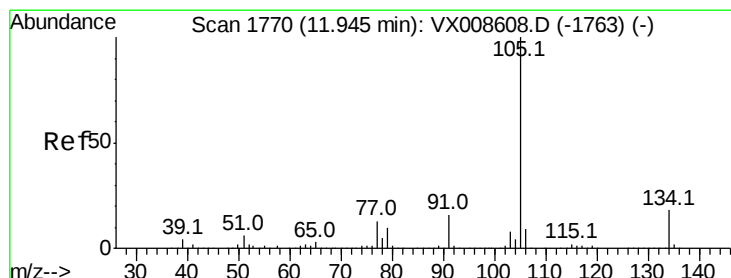
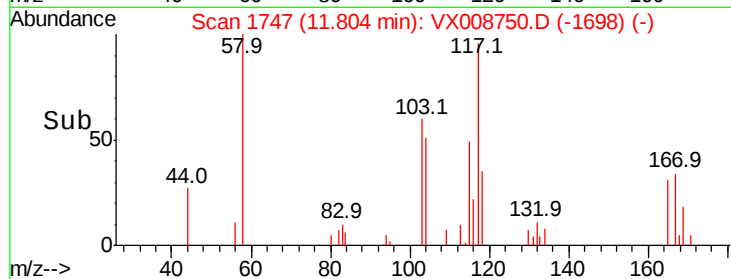
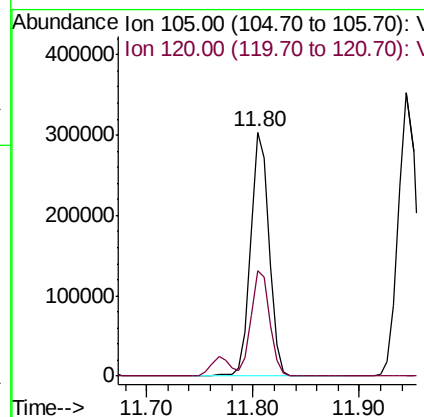
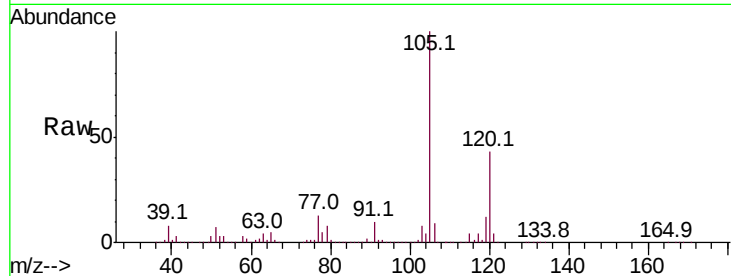
#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.726 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.6  | 21.8  | 65.3  |

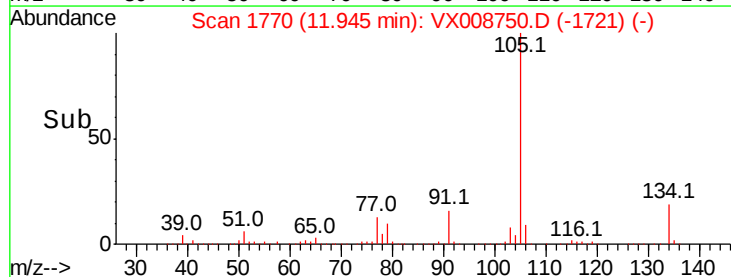
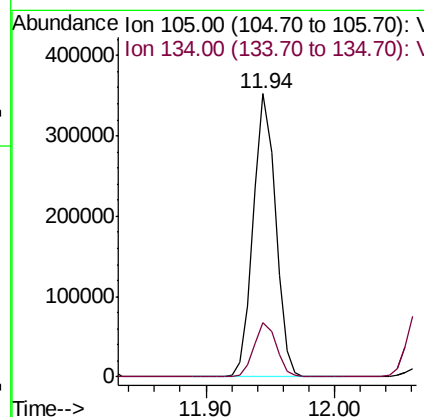
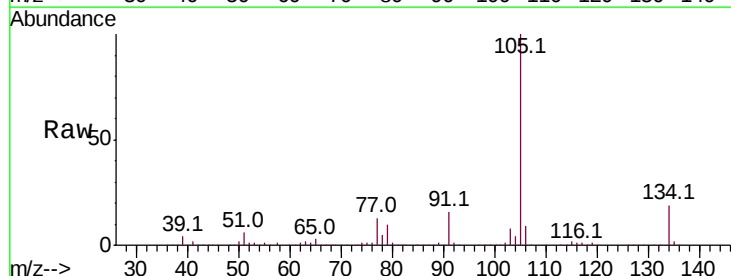
Manual Integrations  
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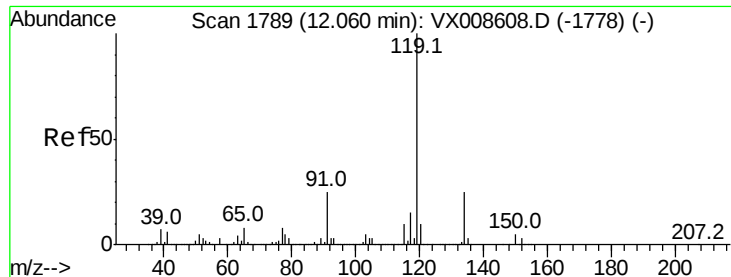
MMDadoda  
 4/9/2019 1:50:04 PM



#85  
 sec-Butylbenzene  
 Concen: 47.878 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.2  | 9.4   | 28.2  |





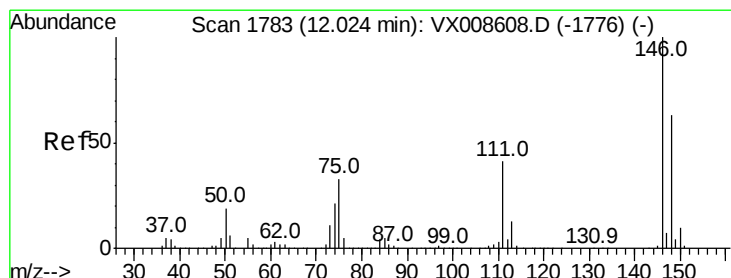
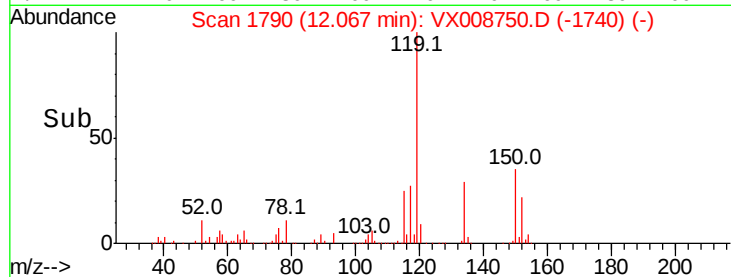
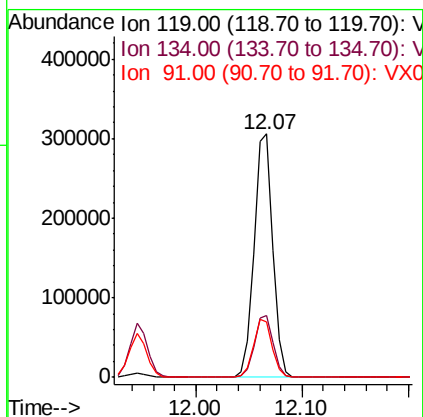
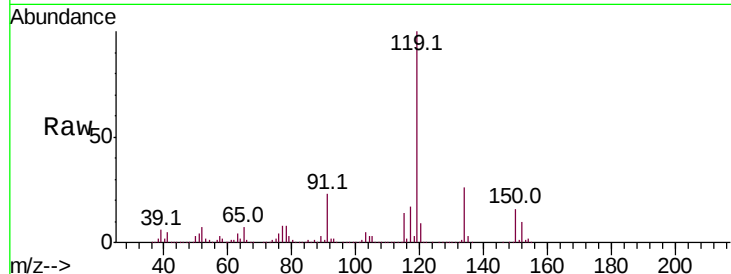
#86  
 p-Isopropyltoluene  
 Concen: 48.009 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. 0.01 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 376444 |       |       |
| 134     | 25.4  |        | 12.8  | 38.4  |
| 91      | 23.8  |        | 12.2  | 36.6  |

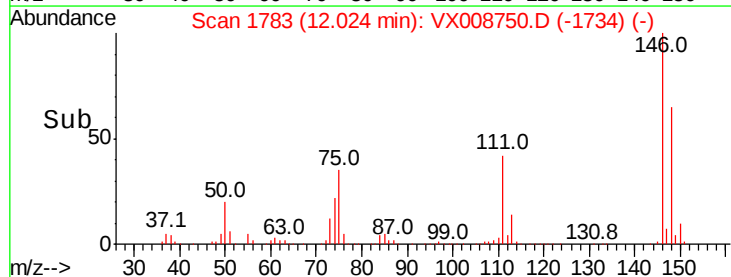
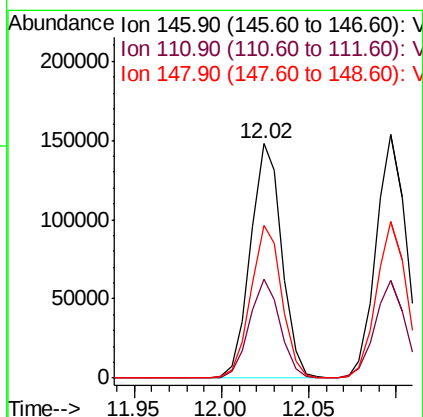
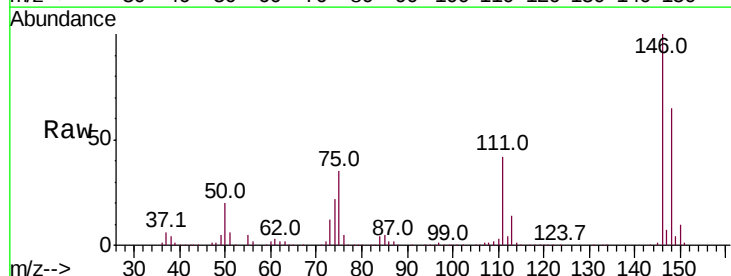
Manual Integrations  
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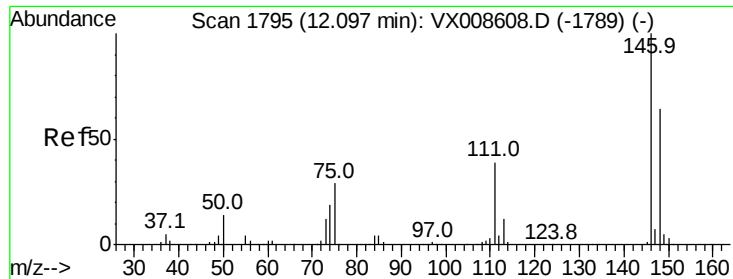
MMDadoda  
 4/9/2019 1:50:04 PM



#87  
 1,3-Dichlorobenzene  
 Concen: 46.908 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 183854 |       |       |
| 111     | 41.1  |        | 20.5  | 61.5  |
| 148     | 64.5  |        | 31.6  | 94.7  |





#88

1,4-Dichlorobenzene

Concen: 46.349 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

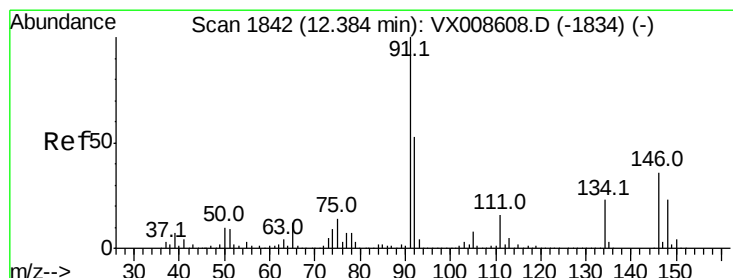
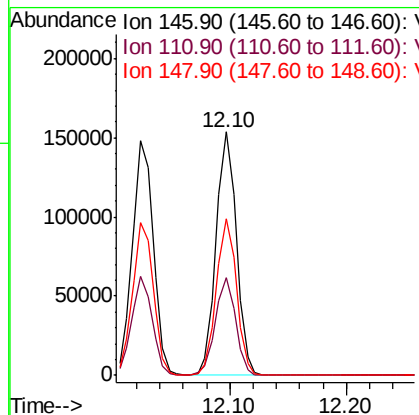
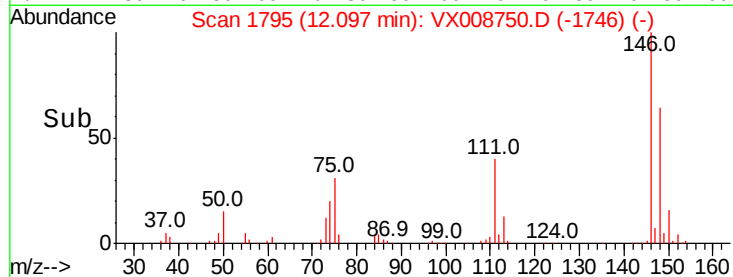
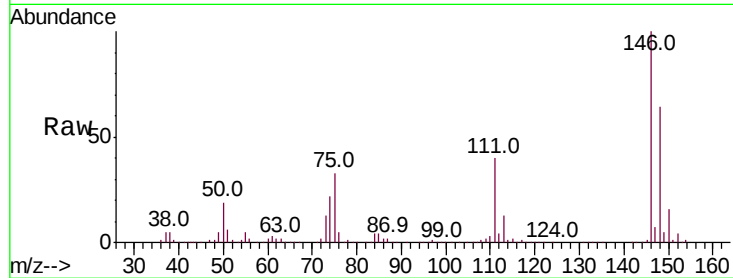
ClientSampleId :

ST008MW214-190403MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 183953 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.2  | 20.2  | 60.6   |
| 148       | 64.2  | 32.0  | 96.0   |

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4/9/2019 1:50:04 PM



#89

n-Butylbenzene

Concen: 46.975 ug/l

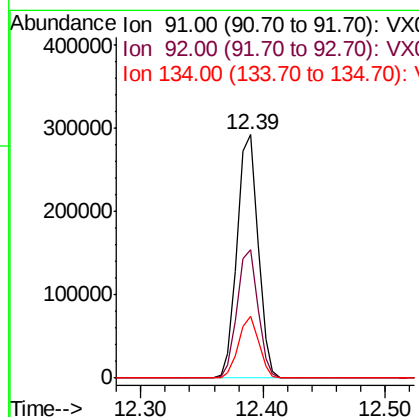
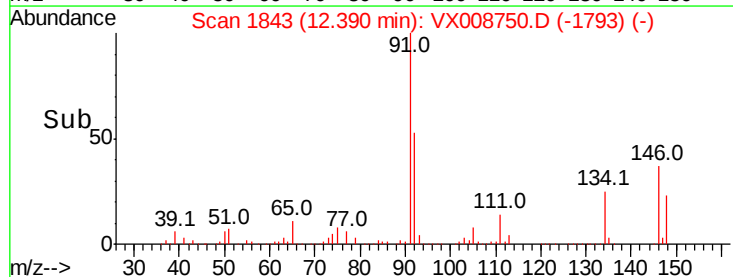
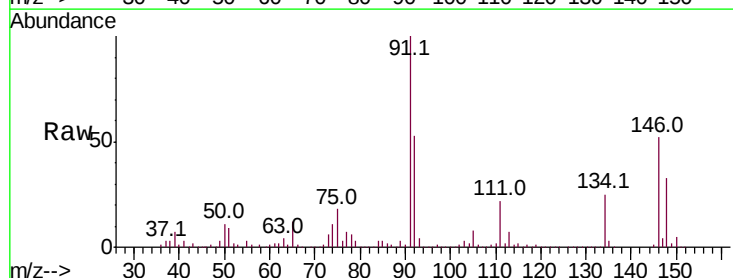
RT: 12.39 min Scan# 1843

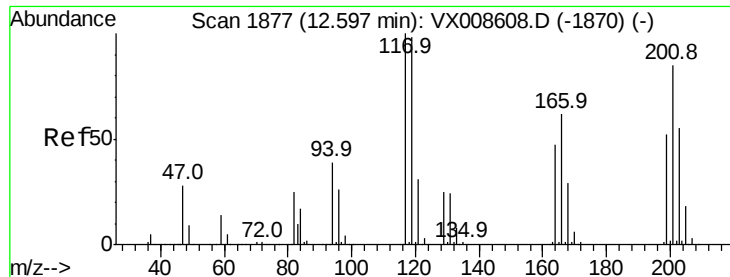
Delta R.T. 0.01 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 345428 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.7  | 26.4  | 79.2   |
| 134       | 24.3  | 12.0  | 36.0   |





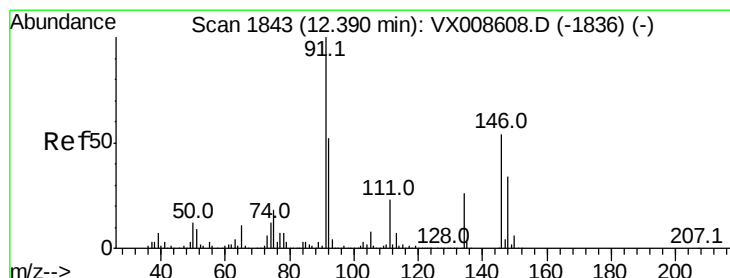
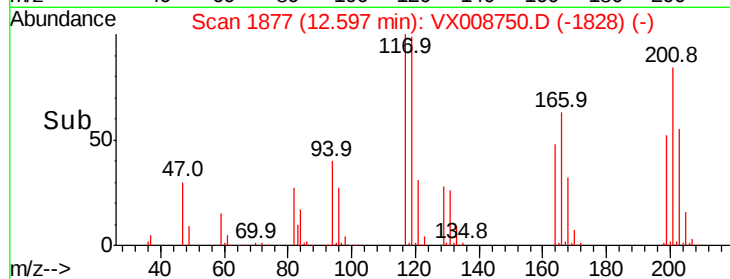
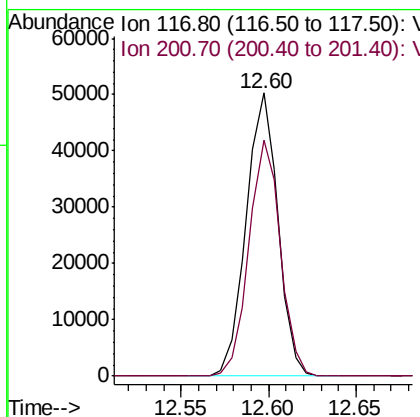
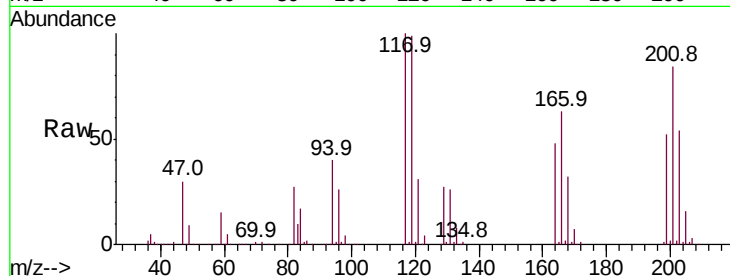
#90  
Hexachloroethane  
Concen: 48.697 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW214-190403MS

Tot Ion:117 Resp: 63331  
Ion Ratio Lower Upper  
117 100  
201 82.6 40.6 122.0

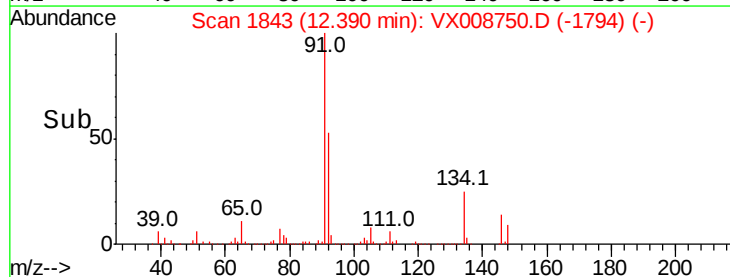
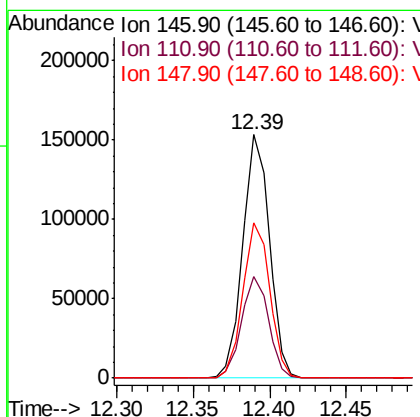
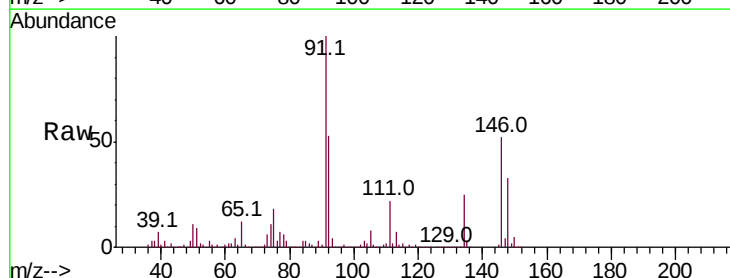
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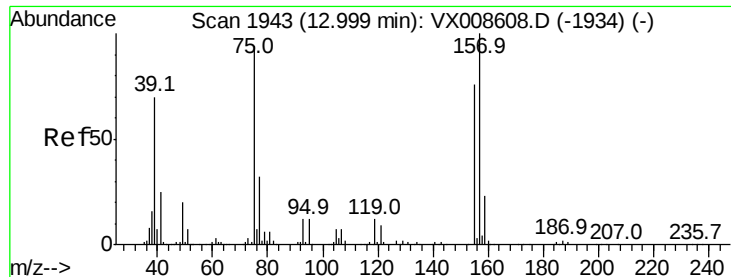
MMDadoda  
4/9/2019 1:50:04 PM



#91  
1,2-Dichlorobenzene  
Concen: 47.908 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX008750.D  
Acq: 08 Apr 2019 17:12

Tgt Ion:146 Resp: 186438  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.3 63.9  
148 64.3 31.7 95.1





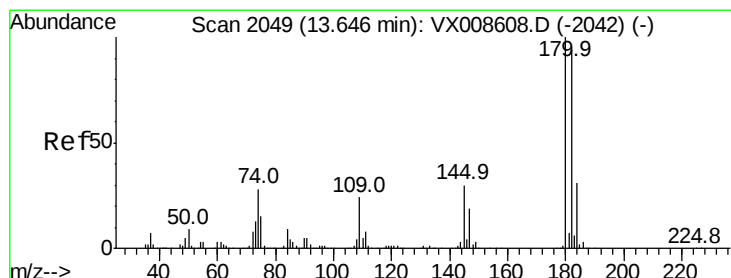
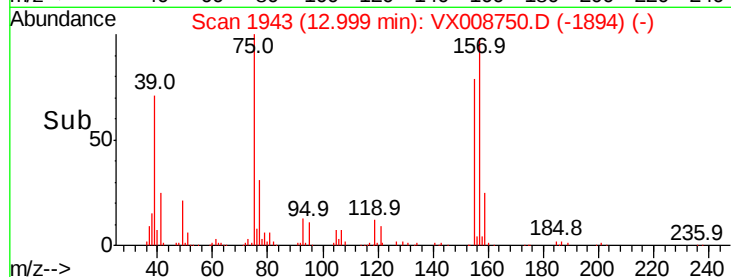
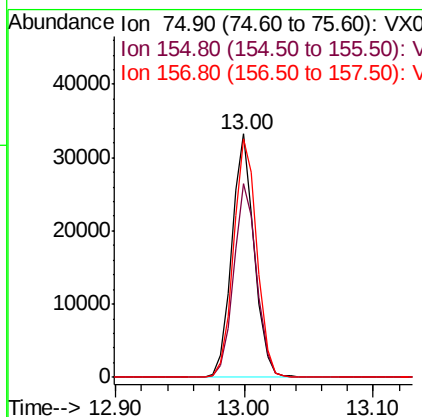
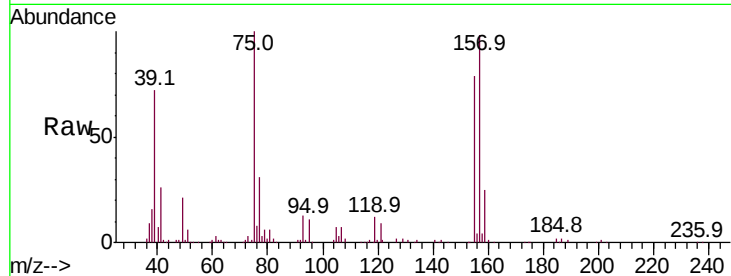
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.013 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.0  | 39.9  | 119.6 |
| 157     | 101.3 | 51.5  | 154.7 |

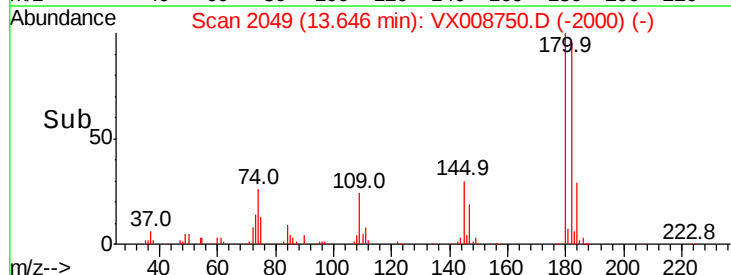
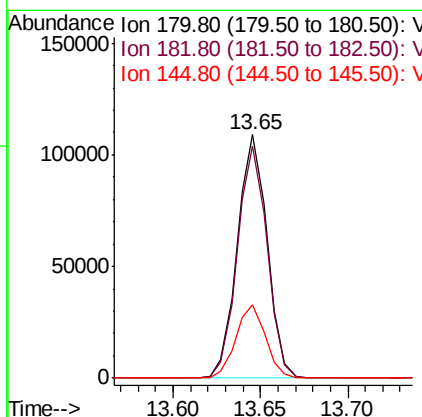
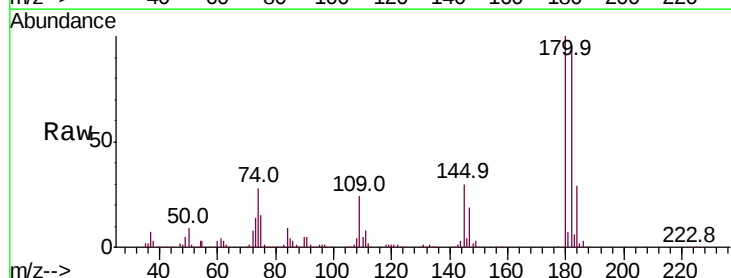
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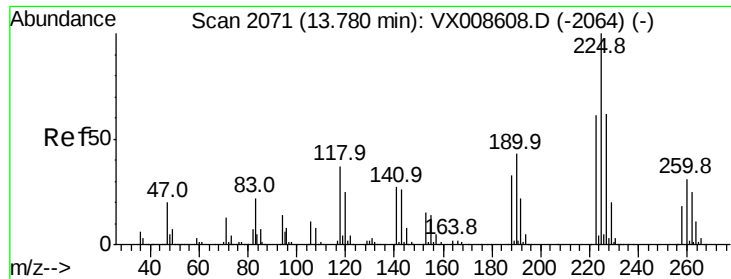
MMDadoda  
 4/9/2019 1:50:04 PM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.659 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.2  | 141.6 |
| 145     | 29.8  | 15.3  | 45.9  |





#94

Hexachlorobutadiene

Concen: 46.747 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

Instrument :

MSVOA\_X

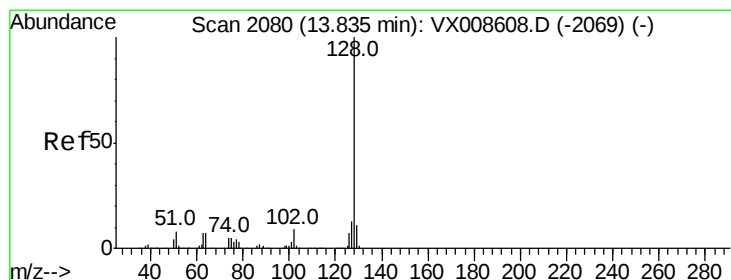
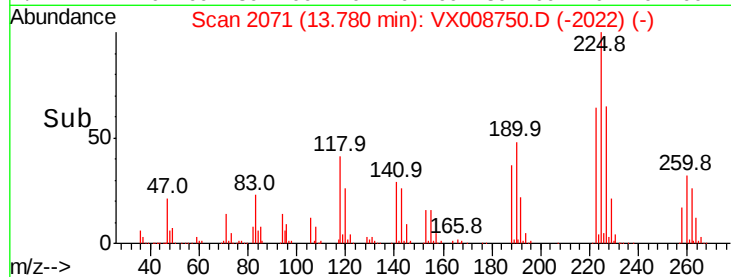
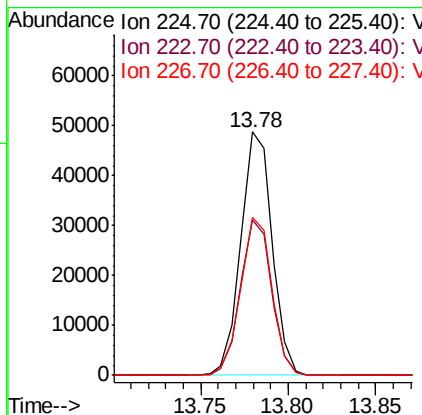
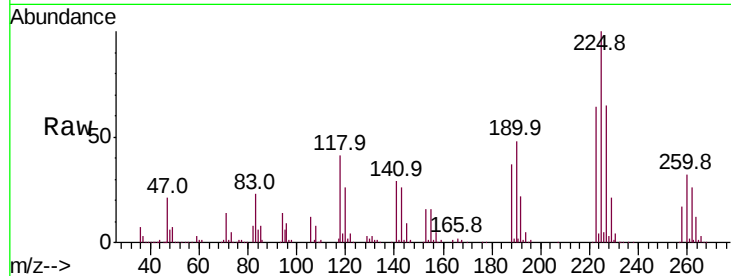
ClientSampleId :

ST008MW214-190403MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 60661 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.6  | 31.2  | 93.6  |
| 227       | 64.7  | 31.9  | 95.5  |

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#95

Naphthalene

Concen: 50.802 ug/l

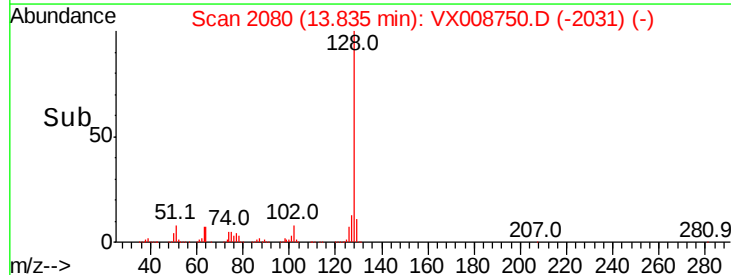
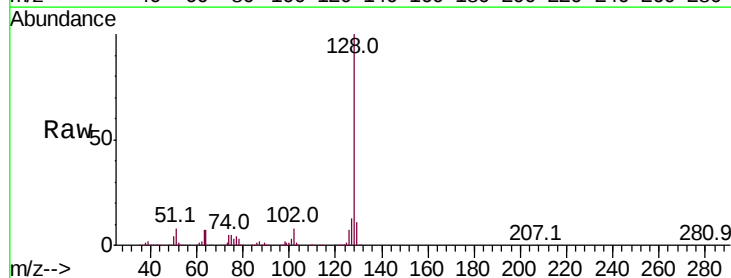
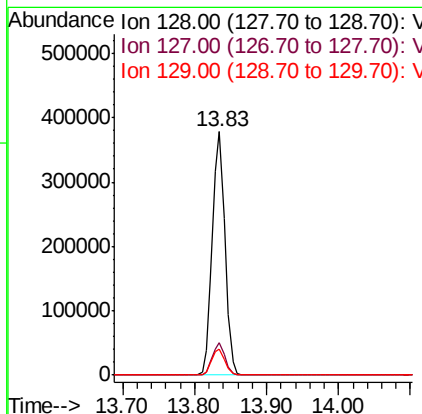
RT: 13.83 min Scan# 2080

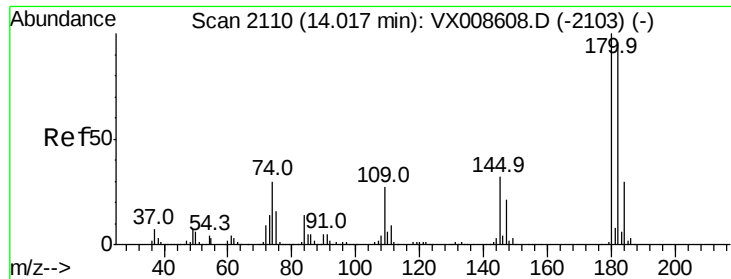
Delta R.T. -0.00 min

Lab File: VX008750.D

Acq: 08 Apr 2019 17:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 459418 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.4  | 15.6   |
| 129       | 10.9  | 8.6   | 13.0   |





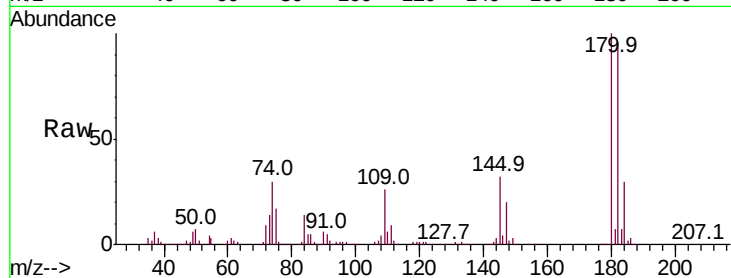
#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.242 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX008750.D  
 Acq: 08 Apr 2019 17:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW214-190403MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 94.9  | 48.1 | 144.3 |       |
| 145     | 30.8  | 16.3 | 48.8  |       |

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 4/9/2019 1:50:04 PM



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

