

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\  
 Data File : VX008189.D  
 Acq On : 19 Mar 2019 14:16  
 Operator : JC/SP  
 Sample : VX0319WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0319WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/20/2019 10:28:32 AM

Quant Time: Mar 20 07:35:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 20 06:51:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 314736   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 508292   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 454700   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 215046   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 212810   | 44.89  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 89.78%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 155781   | 45.78  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 91.56%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 623789   | 48.35  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 96.70%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 223359   | 50.28  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 100.56% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 76508    | 20.050  | ug/l   | 99     |
| 3) Chloromethane              | 1.33 | 50   | 90921    | 18.989  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 91079    | 19.078  | ug/l   | 98     |
| 5) Bromomethane               | 1.64 | 94   | 62953    | 15.481  | ug/l   | 99     |
| 6) Chloroethane               | 1.73 | 64   | 55657    | 18.594  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 112212   | 18.418  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.19 | 74   | 63365    | 20.215  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 80227    | 19.833  | ug/l   | 91     |
| 10) Methyl Iodide             | 2.51 | 142  | 95418    | 18.526  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 3.04 | 59   | 100805   | 99.339  | ug/l   | 97     |
| 12) 1,1-Dichloroethene        | 2.38 | 96   | 75706    | 19.824  | ug/l   | 90     |
| 13) Acrolein                  | 2.29 | 56   | 70155    | 91.564  | ug/l   | 98     |
| 14) Allyl chloride            | 2.73 | 41   | 164478   | 19.785  | ug/l   | 93     |
| 15) Acrylonitrile             | 3.14 | 53   | 265009   | 98.735  | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43   | 261402   | 97.231  | ug/l   | 97     |
| 17) Carbon Disulfide          | 2.57 | 76   | 238742   | 19.569  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 125477   | 20.160  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 274438   | 19.875  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 88427    | 19.725  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 80797    | 19.585  | ug/l   | 92     |
| 22) Diisopropyl ether         | 3.85 | 45   | 323286   | 19.856  | ug/l # | 81     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1408002  | 100.868 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 165439   | 19.756  | ug/l   | 99     |
| 25) 2-Butanone                | 4.67 | 43   | 396431   | 99.893  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 123190   | 19.528  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 92625    | 19.695  | ug/l   | 92     |
| 28) Bromochloromethane        | 5.01 | 49   | 70112    | 18.646  | ug/l # | 81     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 252123   | 101.627 | ug/l   | 97     |
| 30) Chloroform                | 5.21 | 83   | 154644   | 19.743  | ug/l   | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 161376   | 20.523  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 128852   | 19.775  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 121237   | 20.487  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.83 | 43   | 145817   | 20.844  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 108048   | 20.491  | ug/l   | 99     |

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 Sample : VX0319WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0319WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/20/2019 10:28:32 AM

Quant Time: Mar 20 07:35:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 20 06:51:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 149892   | 21.048  | ug/l   | 92       |
| 40) Benzene                    | 6.14  | 78   | 360205   | 20.565  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 81696    | 20.820  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 131359   | 20.472  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 232211   | 20.709  | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 86803    | 20.268  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 98854    | 20.161  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 58860    | 19.826  | ug/l   | 87       |
| 47) Bromodichloromethane       | 7.90  | 83   | 114086   | 20.164  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 120968   | 20.289  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 43216    | 410.753 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 766073   | 105.678 | ug/l   | 97       |
| 52) Toluene                    | 8.78  | 92   | 217086   | 20.891  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 126839   | 18.814  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 142714   | 20.325  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 87356    | 20.807  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 143469   | 19.803  | ug/l # | 92       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 153615   | 20.683  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 331152   | 96.267  | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.49  | 43   | 591862   | 106.050 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.58  | 129  | 82622    | 20.477  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 89332    | 20.377  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 83901    | 20.452  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 228076   | 20.385  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 78959    | 20.241  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 409350   | 20.762  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 299382   | 41.337  | ug/l   | 92       |
| 69) o-Xylene                   | 10.69 | 106  | 145515   | 20.677  | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 236478   | 20.676  | ug/l   | 95       |
| 71) Bromoform                  | 10.85 | 173  | 59549    | 19.139  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 397574   | 20.741  | ug/l   | 98       |
| 74) N-amyl acetate             | 10.90 | 43   | 202753   | 20.189  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 137462   | 19.999  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 119917m  | 19.826  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 93481    | 20.171  | ug/l   | 85       |
| 78) n-propylbenzene            | 11.36 | 91   | 465463   | 20.907  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 273972   | 20.503  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 330252   | 20.855  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 41103    | 18.263  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 316235   | 20.337  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 308887   | 20.430  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 332777   | 20.728  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 395449   | 21.121  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 342789   | 21.151  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 168001   | 20.284  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 167607   | 19.564  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 316055   | 20.778  | ug/l   | 96       |
| 90) Hexachloroethane           | 12.60 | 117  | 56958    | 20.636  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 165703   | 19.842  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 29074    | 19.045  | ug/l   | 78       |

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Operator : JC/SP  
Sample : VX0319WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

Manual Integrations  
APPROVED

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3/20/2019 10:28:32 AM

Quant Time: Mar 20 07:35:43 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 20 06:51:58 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 110533   | 20.094 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 56041    | 20.889 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 348125   | 20.051 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 111096   | 20.525 | ug/l  | 99       |

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

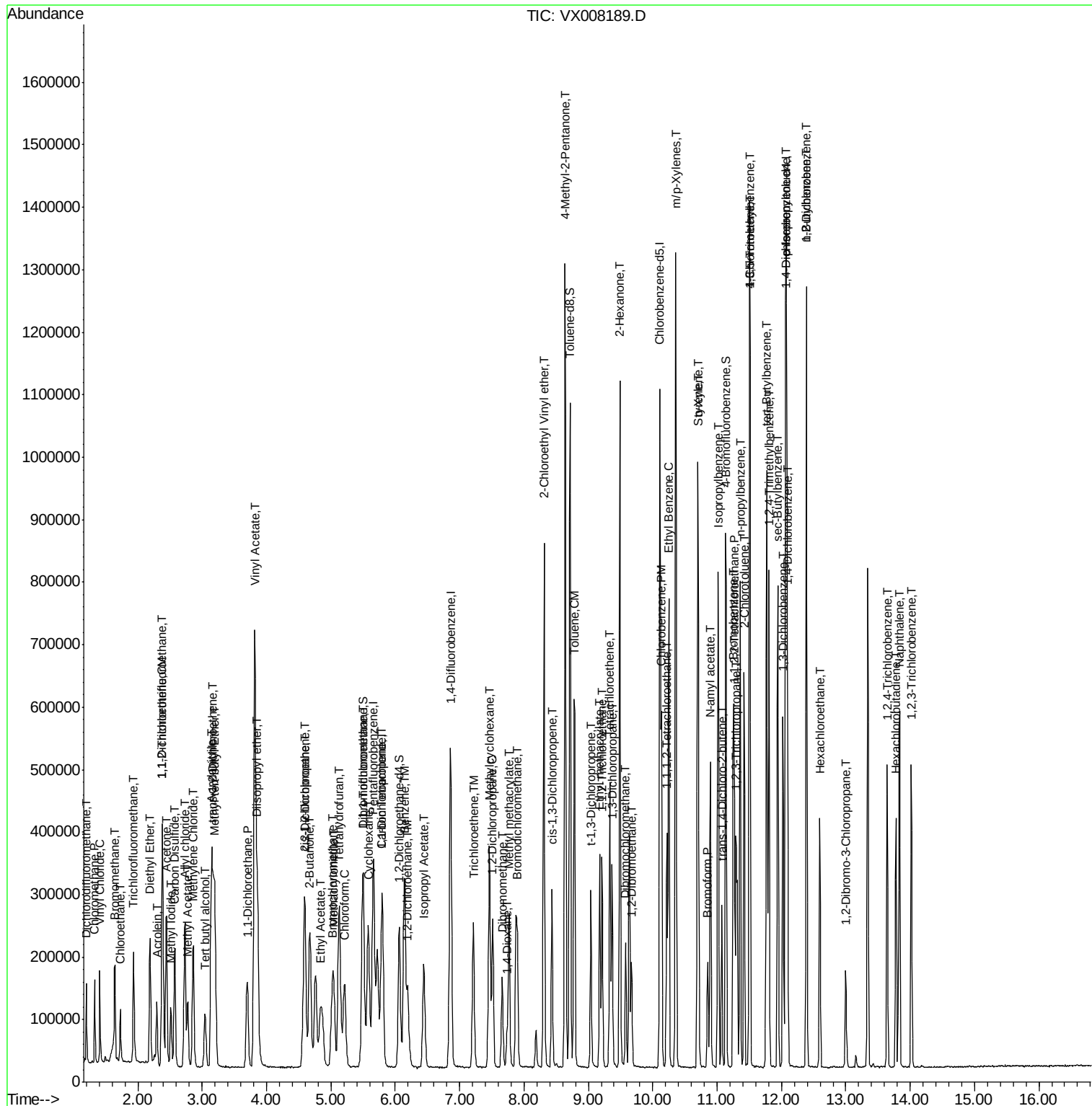
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 Data File : VX008189.D  
 Acq On : 19 Mar 2019 14:16  
 Operator : JC/SP  
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 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

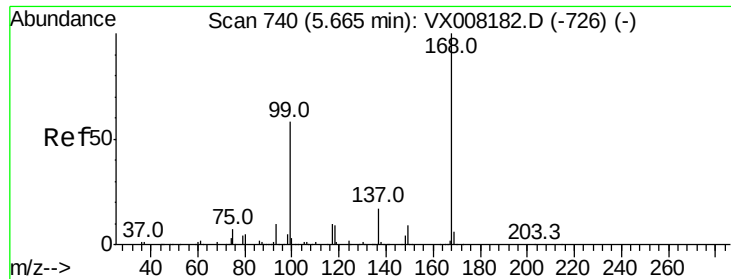
Instrument :  
 MSVOA\_X  
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 VX0319WBS01

Manual Integrations  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion:168 Resp: 314736

Ion Ratio Lower Upper

168 100

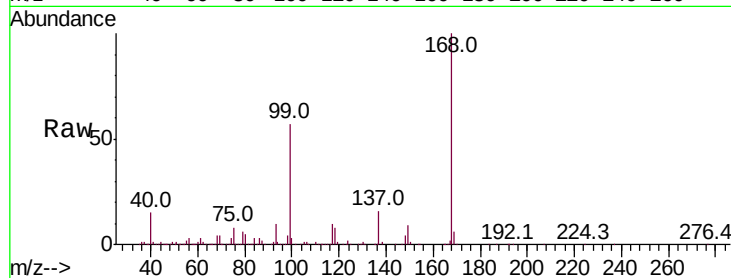
99 56.7 37.6 56.4#

Manual Integrations

APPROVED

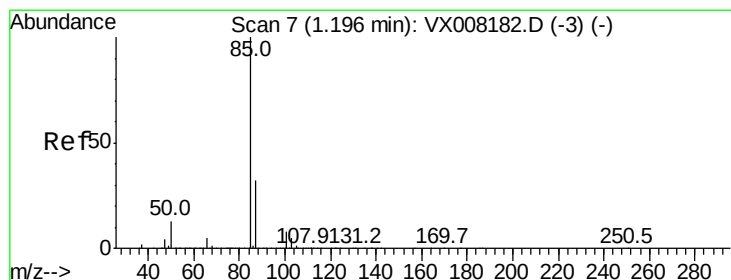
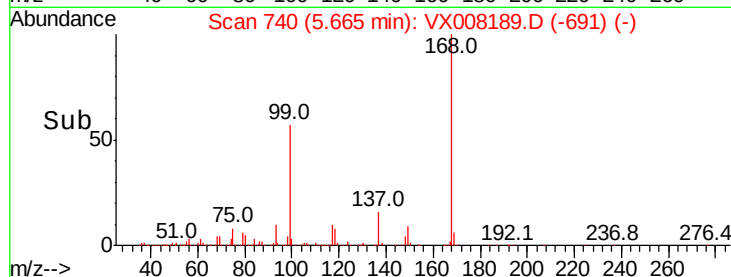
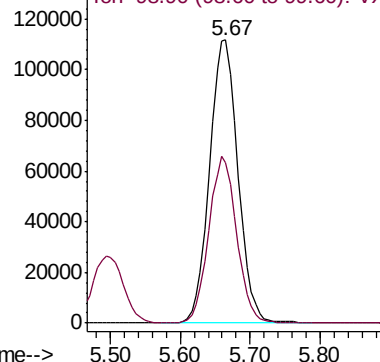
MMDadoda

3/20/2019 10:28:32 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.050 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008189.D

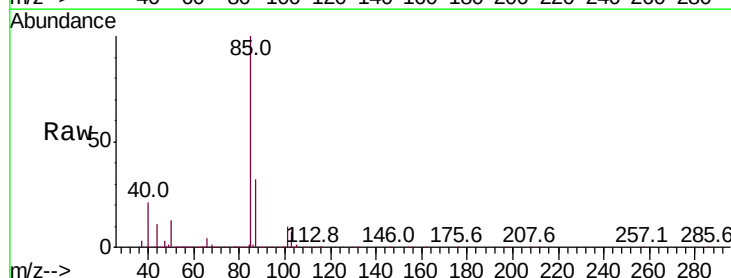
Acq: 19 Mar 2019 14:16

Tgt Ion: 85 Resp: 76508

Ion Ratio Lower Upper

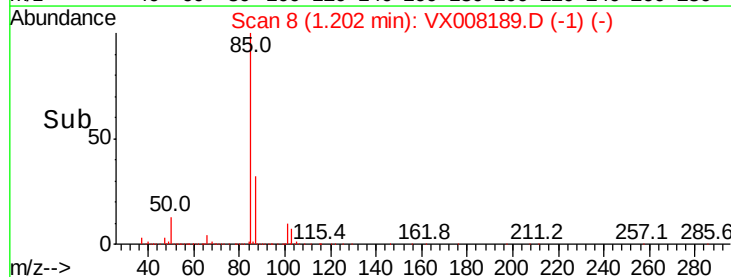
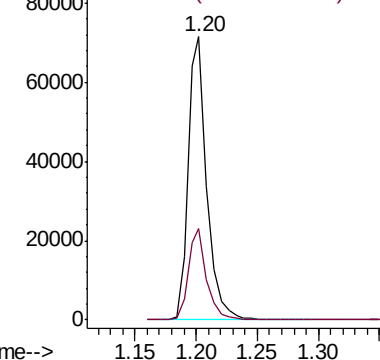
85 100

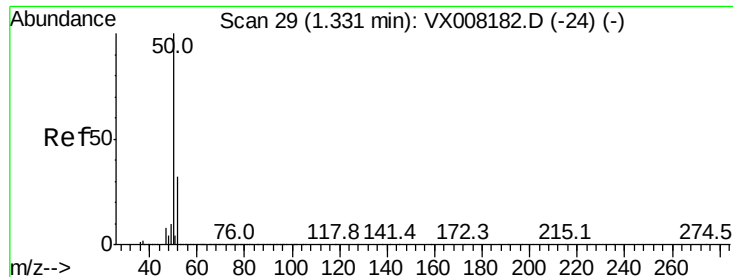
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.989 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 50 Resp: 90921

Ion Ratio Lower Upper

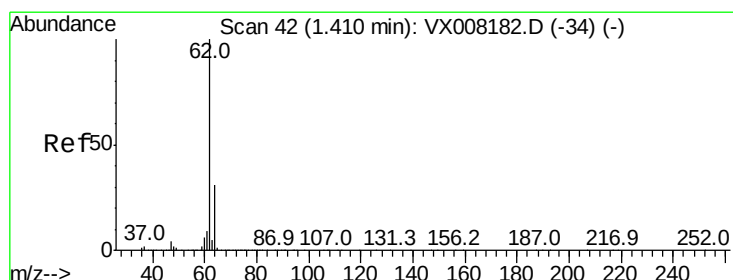
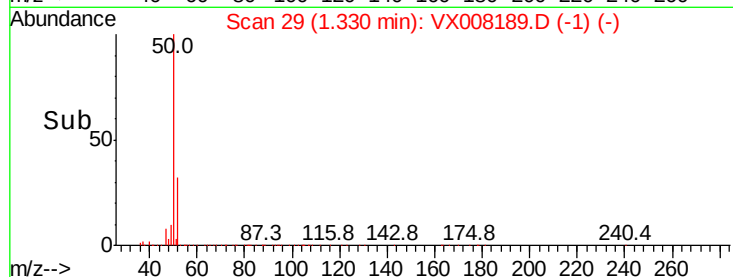
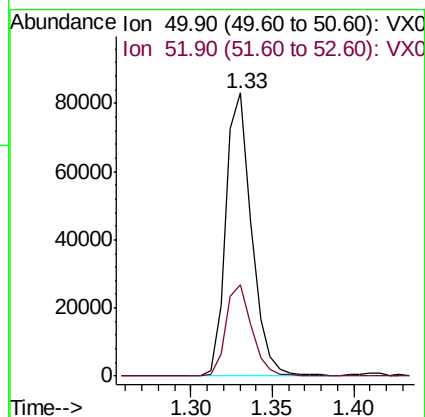
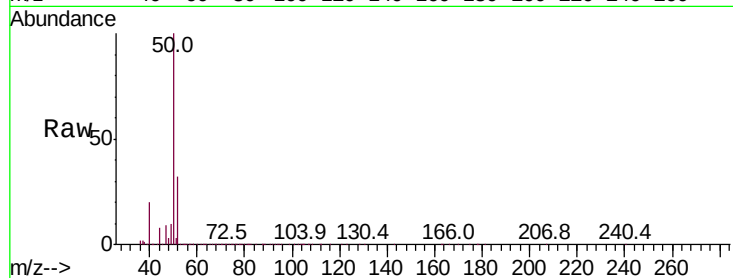
50 100

52 32.2 26.5 39.7

Manual Integrations  
APPROVED

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3/20/2019 10:28:32 AM



#4

Vinyl Chloride

Concen: 19.078 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008189.D

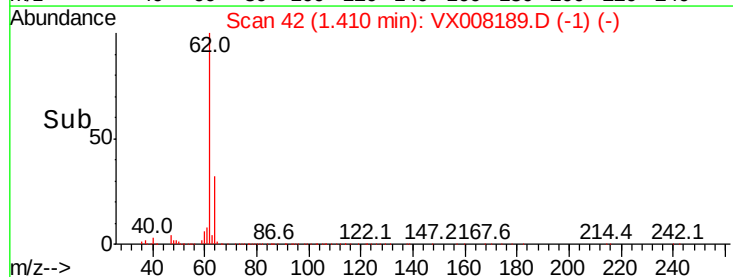
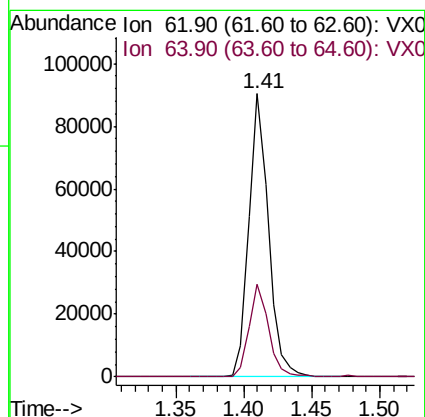
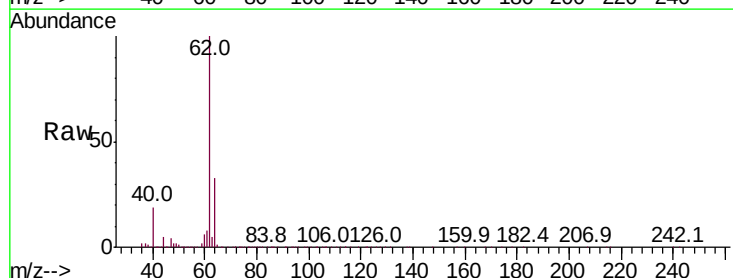
Acq: 19 Mar 2019 14:16

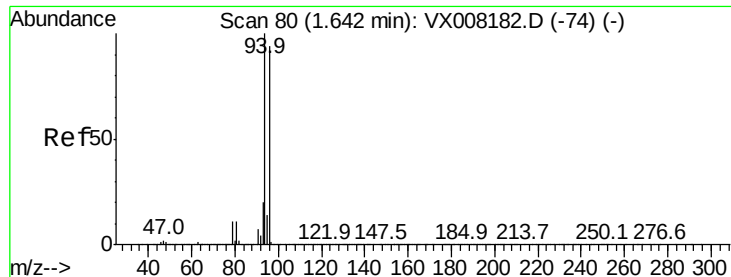
Tgt Ion: 62 Resp: 91079

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 15.481 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 94 Resp: 62953

Ion Ratio Lower Upper

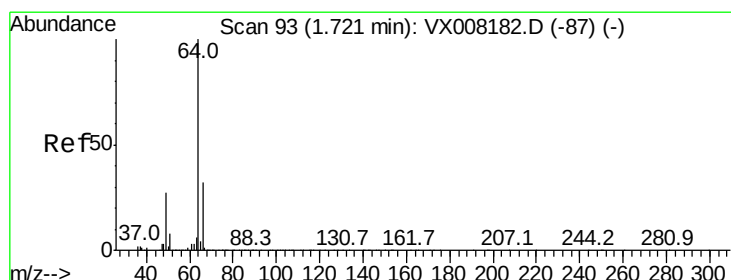
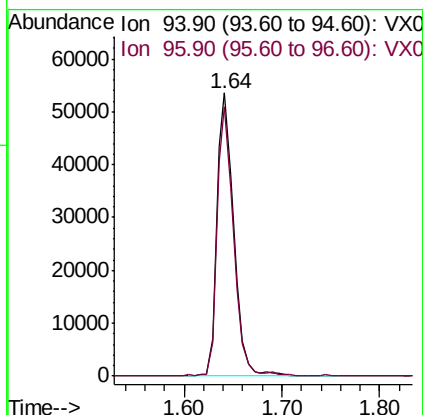
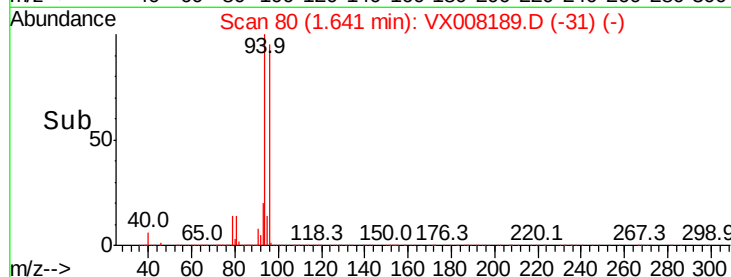
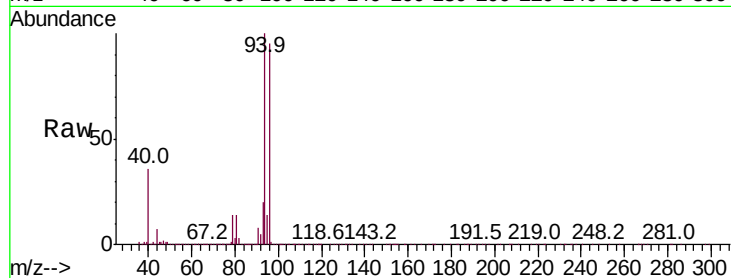
94 100

96 95.1 75.5 113.3

Manual Integrations  
APPROVED

MMDadoda

3/20/2019 10:28:32 AM



#6

Chloroethane

Concen: 18.594 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008189.D

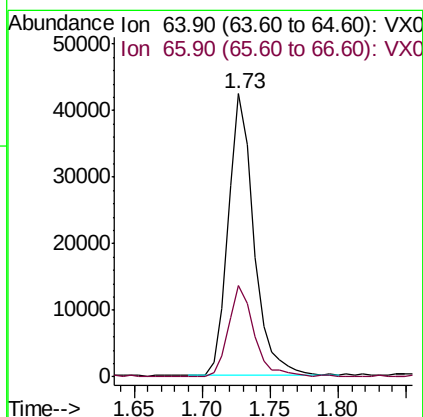
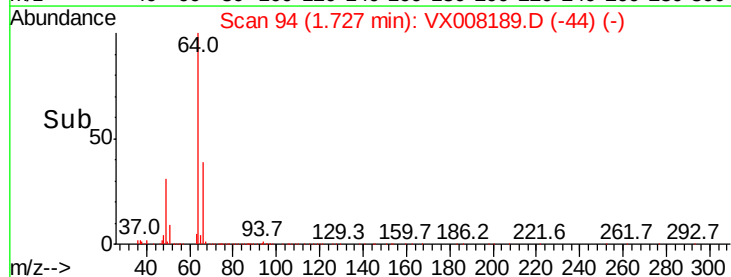
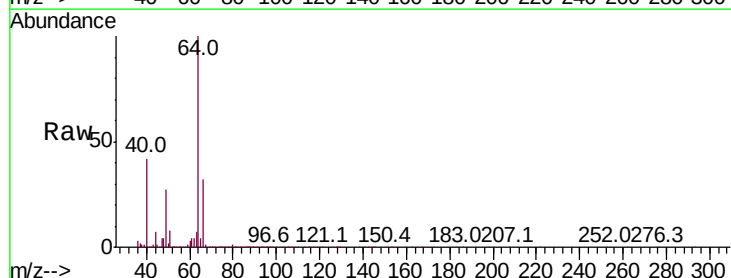
Acq: 19 Mar 2019 14:16

Tgt Ion: 64 Resp: 55657

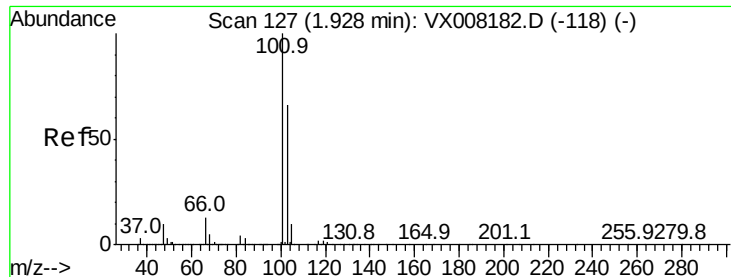
Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8







#7

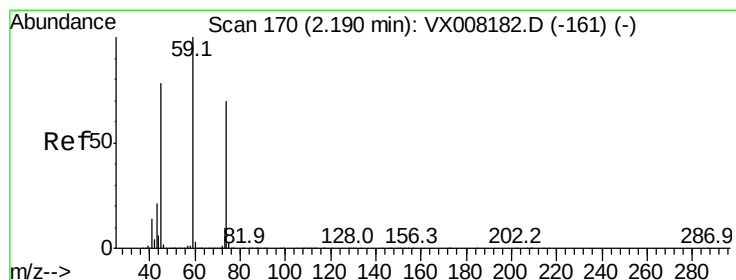
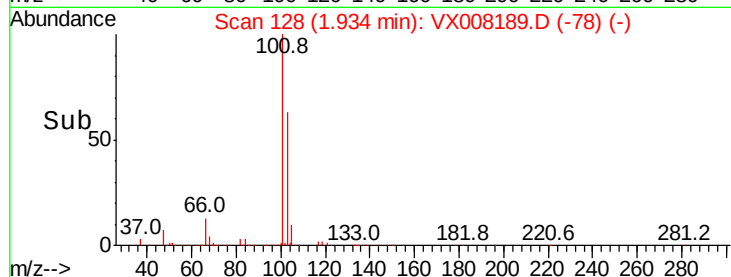
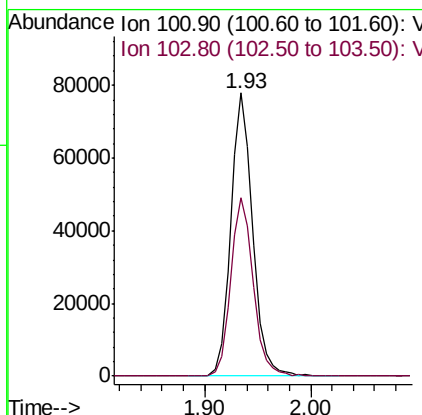
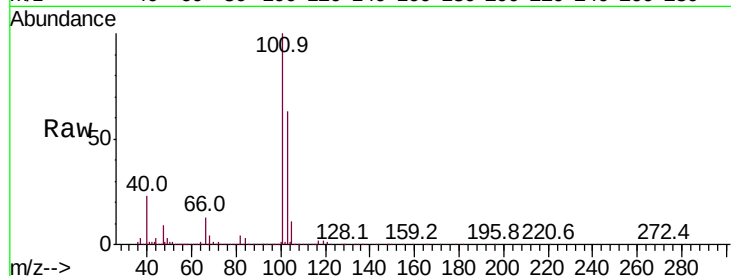
Trichlorofluoromethane  
Concen: 18.418 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 50.4  | 75.6  |

Manual Integrations  
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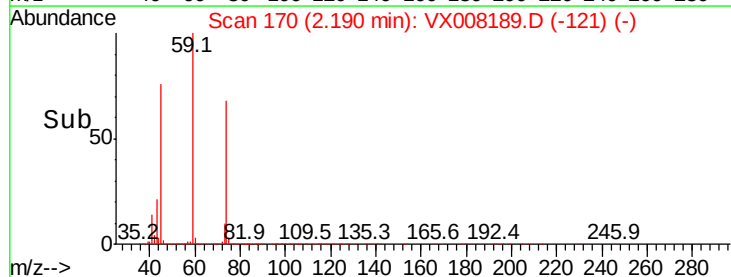
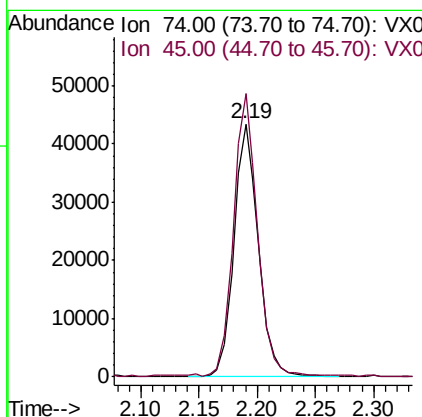
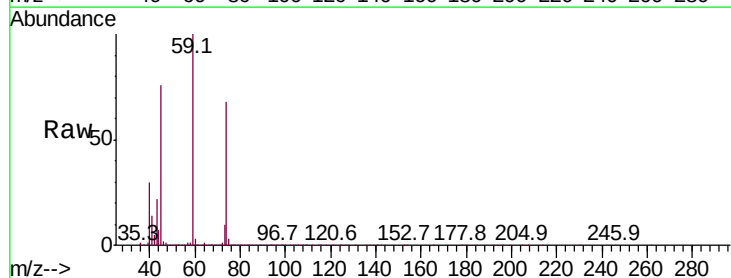
MMDadoda  
3/20/2019 10:28:32 AM



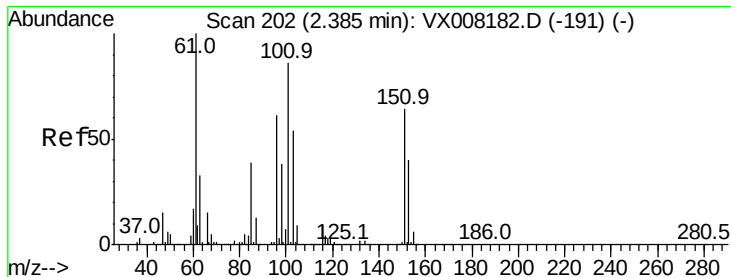
#8

Diethyl Ether  
Concen: 20.215 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 108.9 | 52.1  | 156.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.833 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

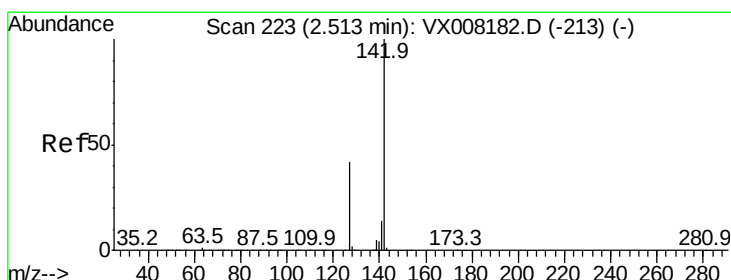
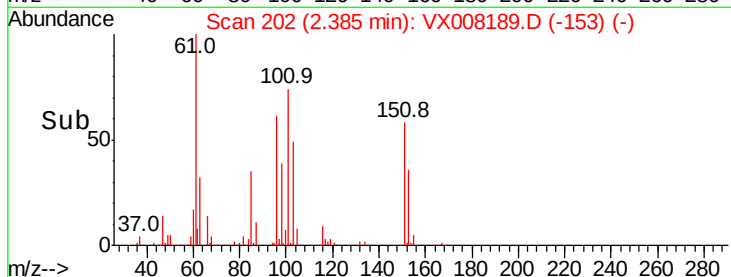
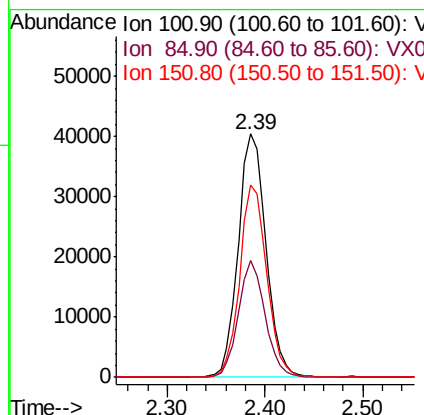
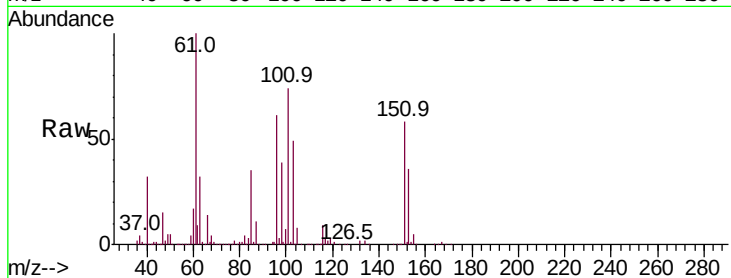
ClientSampleId :

VX0319WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 80227 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.8  | 33.8  | 50.6  |
| 151       | 76.6  | 69.1  | 103.7 |

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#10

Methyl Iodide

Concen: 18.526 ug/l

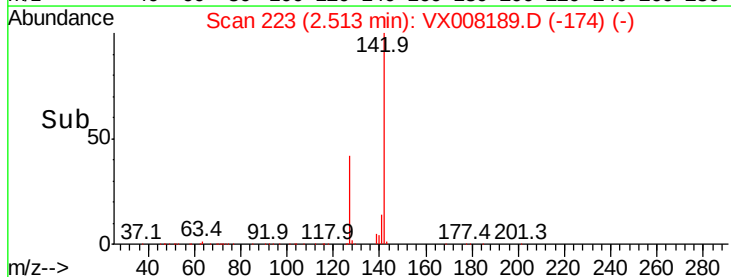
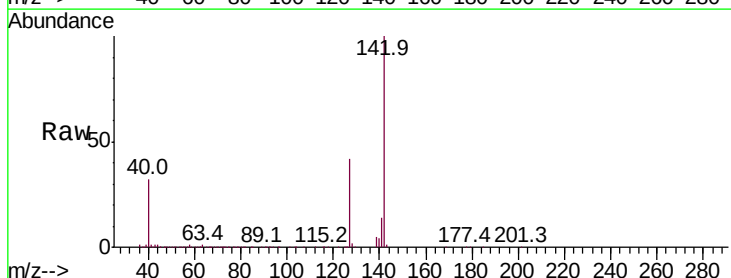
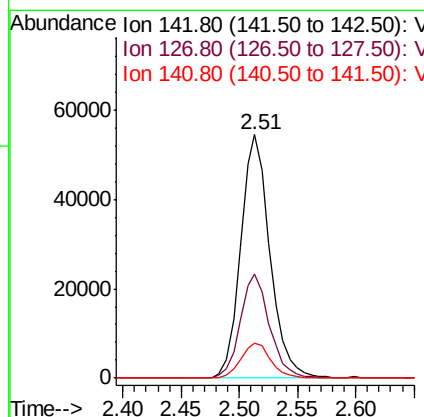
RT: 2.51 min Scan# 223

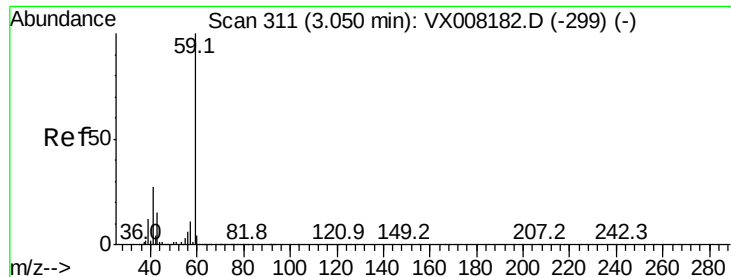
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 95418 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.0  | 32.1  | 48.1  |
| 141       | 14.8  | 11.4  | 17.2  |





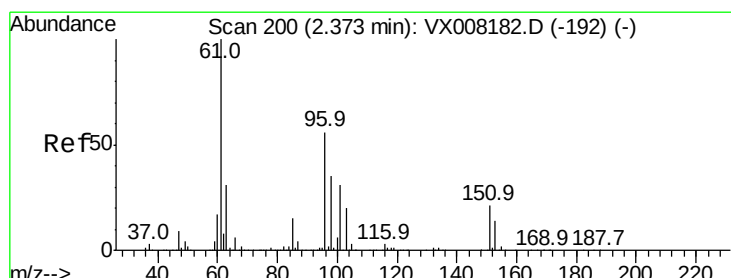
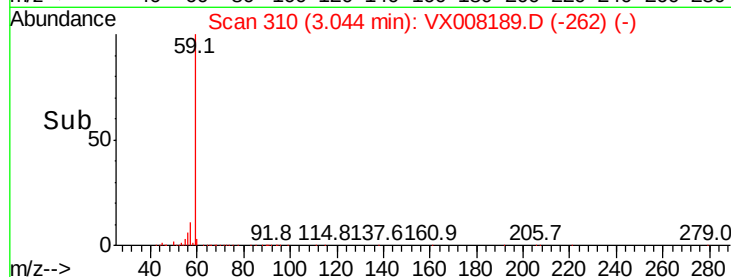
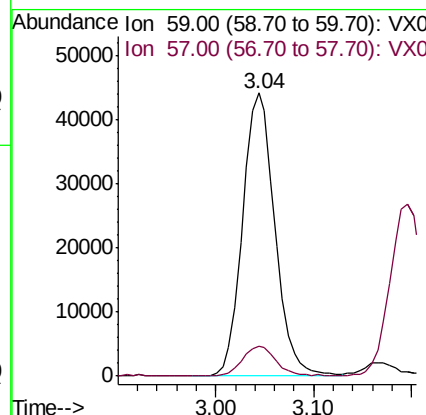
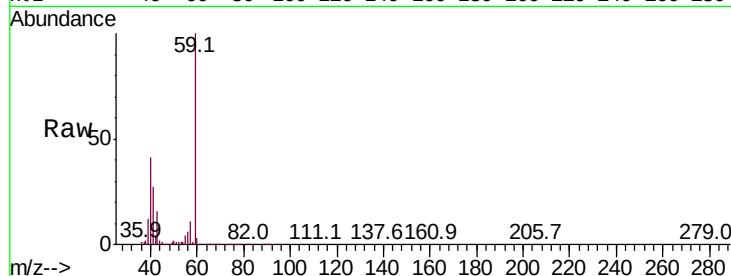
#11  
Tert butyl alcohol  
Concen: 99.339 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.2  | 8.2   | 12.2  |

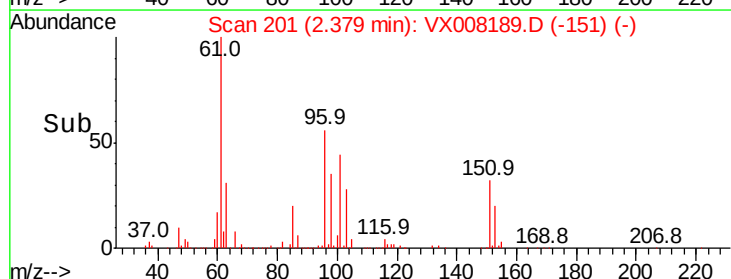
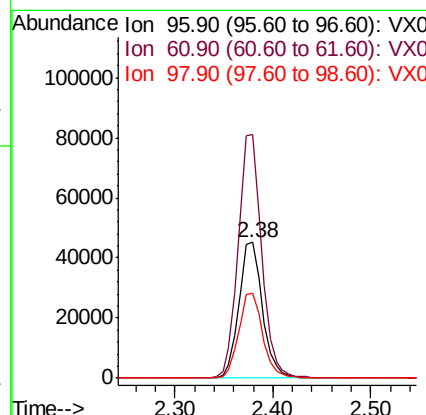
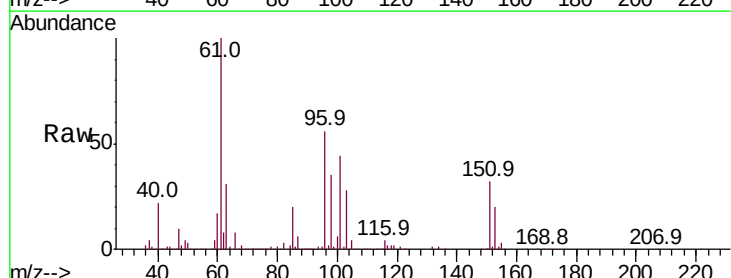
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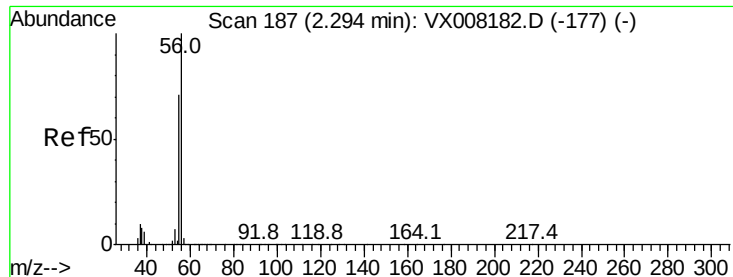
MMDadoda  
3/20/2019 10:28:32 AM



#12  
1,1-Dichloroethene  
Concen: 19.824 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 179.5 | 129.8 | 194.6 |
| 98      | 62.9  | 51.0  | 76.6  |





#13

Acrolein

Concen: 91.564 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 56 Resp: 70155

Ion Ratio Lower Upper

56 100

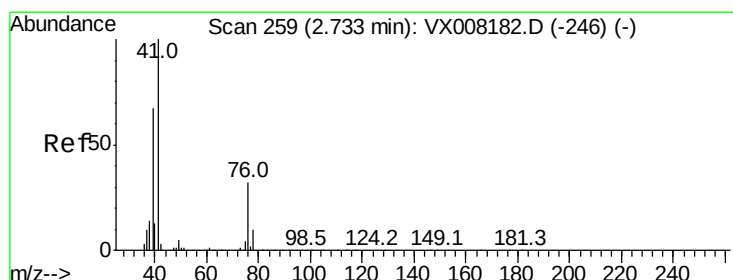
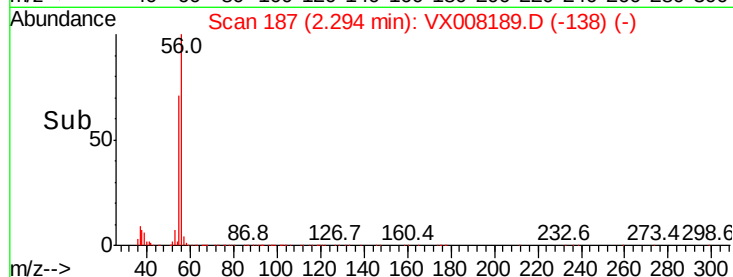
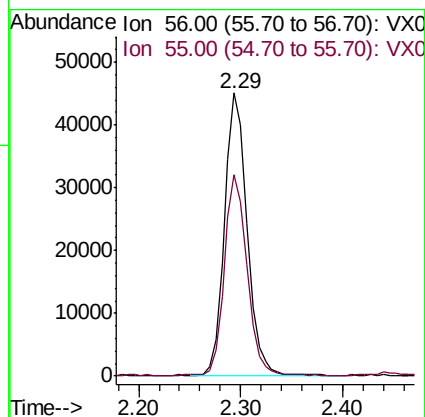
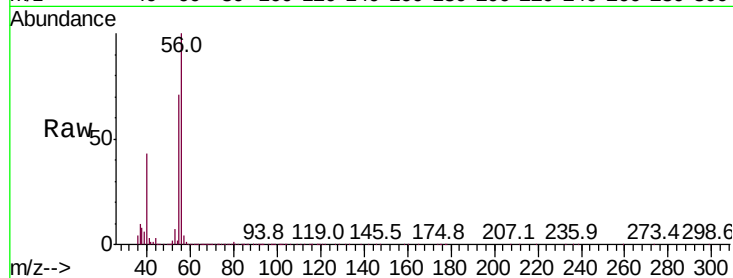
55 70.2 57.8 86.6

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#14

Allyl chloride

Concen: 19.785 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

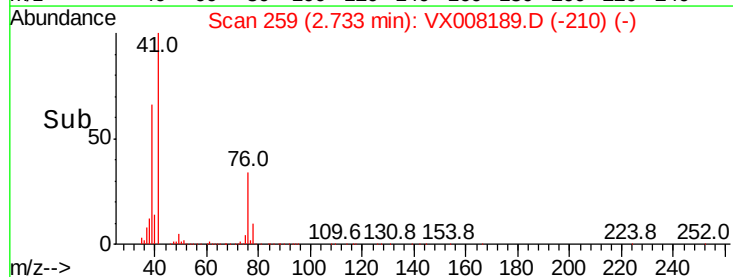
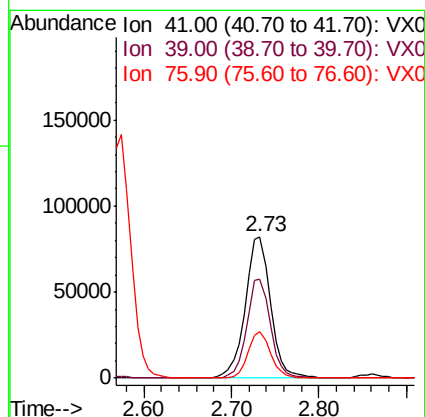
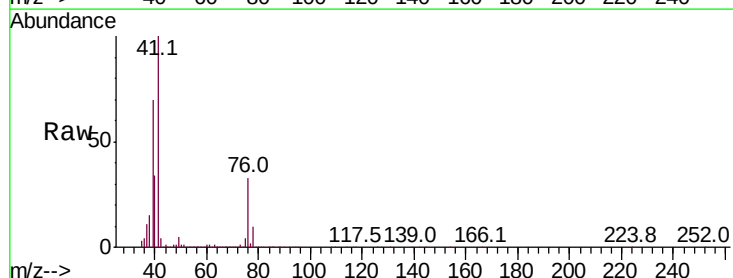
Tgt Ion: 41 Resp: 164478

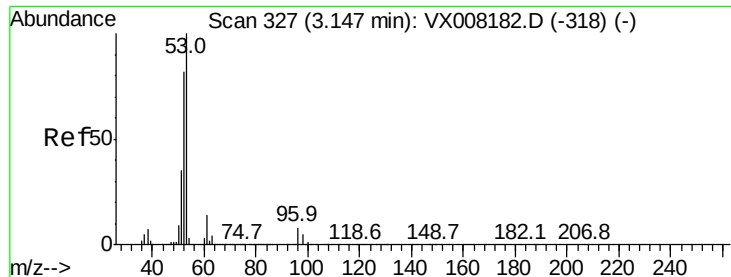
Ion Ratio Lower Upper

41 100

39 65.4 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 98.735 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

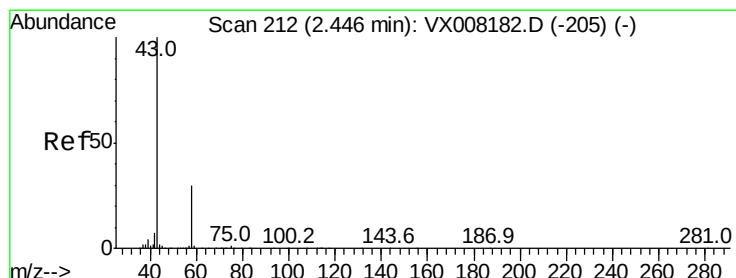
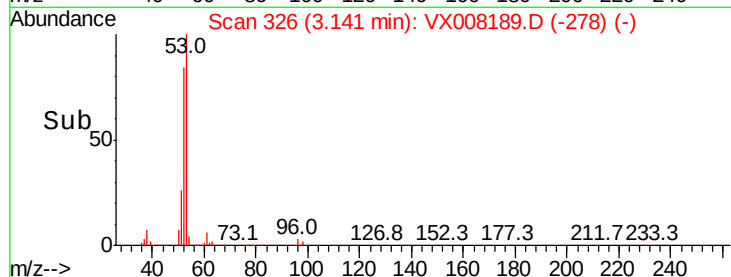
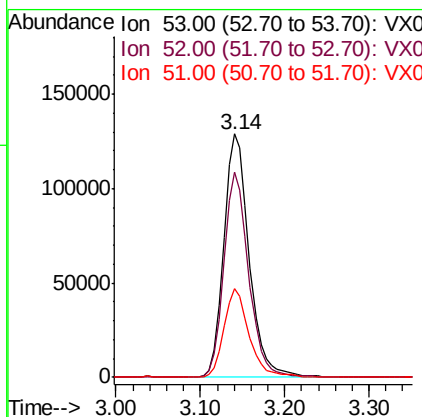
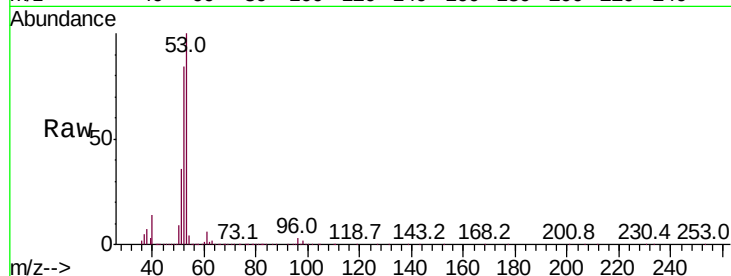
ClientSampleId :

VX0319WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 265009 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.7  | 66.0  | 99.0   |
| 51        | 36.1  | 28.0  | 42.0   |

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#16

Acetone

Concen: 97.231 ug/l

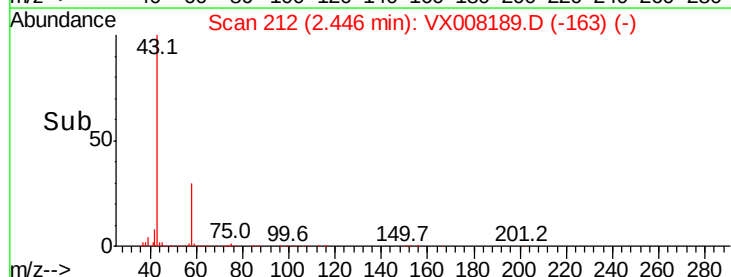
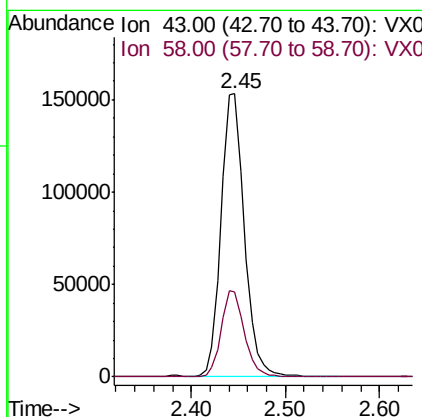
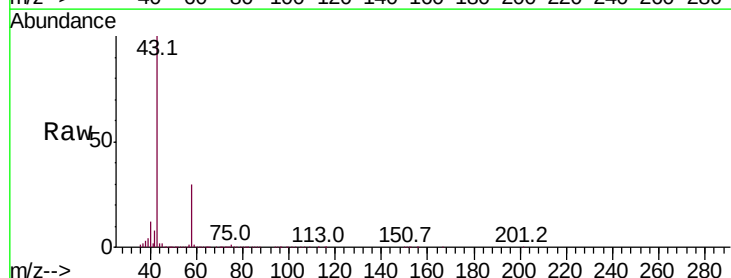
RT: 2.45 min Scan# 212

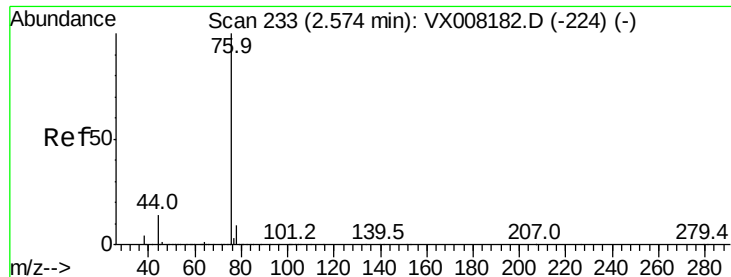
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 261402 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.0  | 25.5  | 38.3   |





#17

Carbon Disulfide

Concen: 19.569 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 76 Resp: 238742

Ion Ratio Lower Upper

76 100

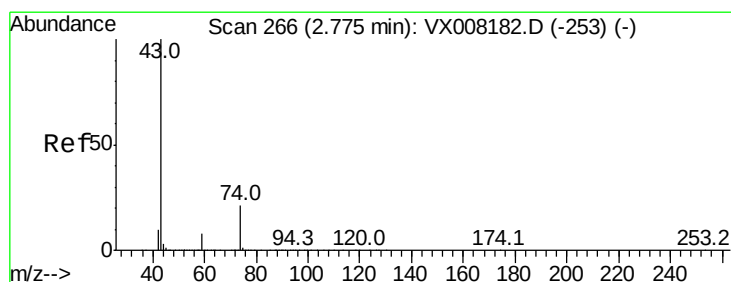
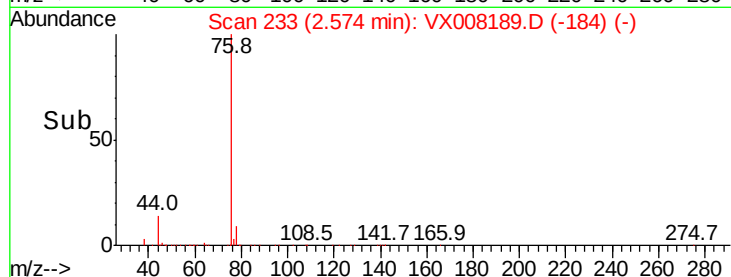
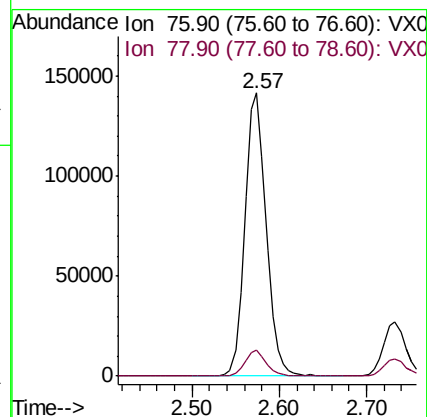
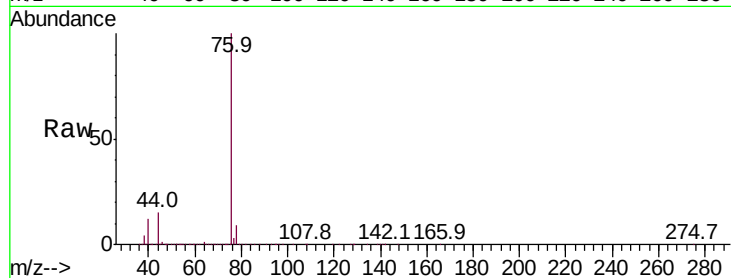
78 9.1 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 20.160 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008189.D

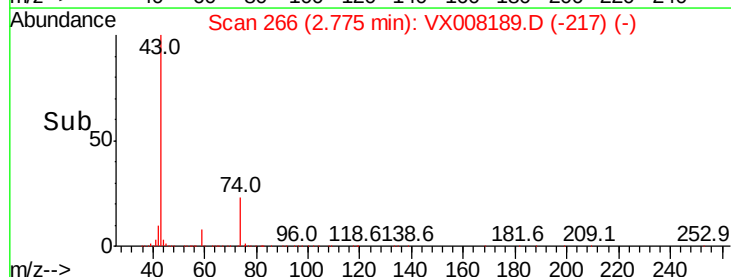
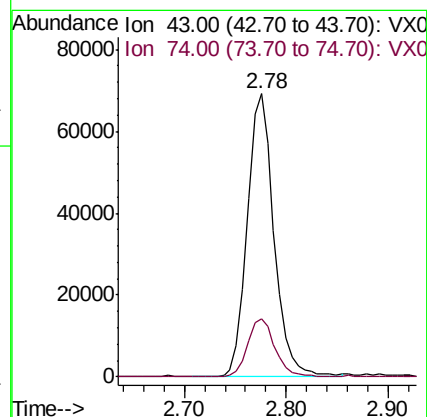
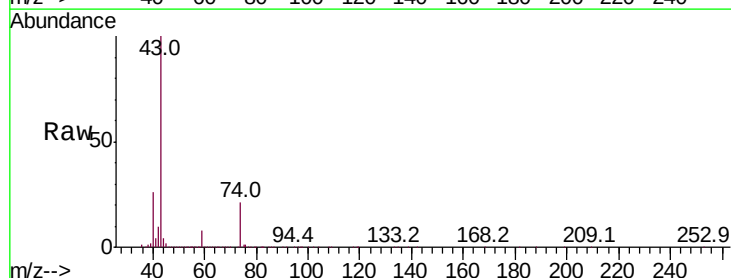
Acq: 19 Mar 2019 14:16

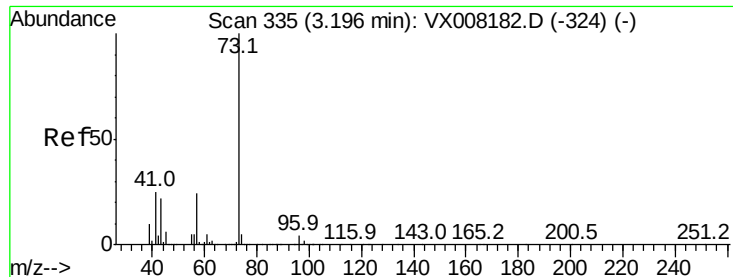
Tgt Ion: 43 Resp: 125477

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 19.875 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008189.D

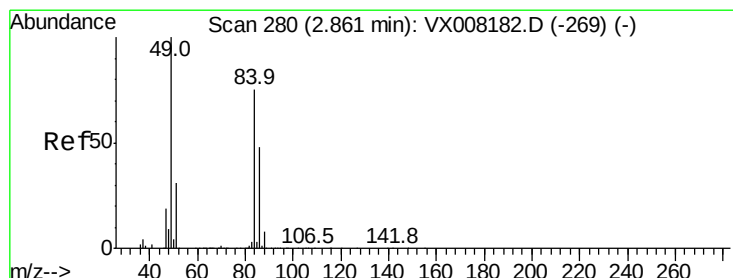
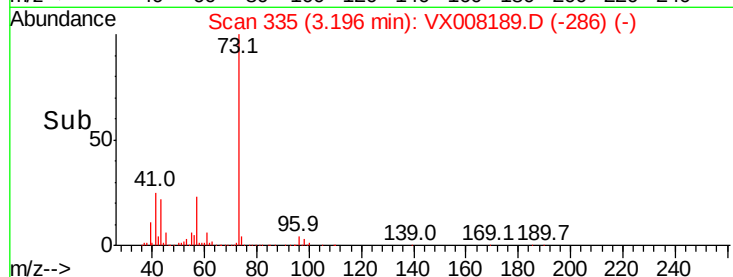
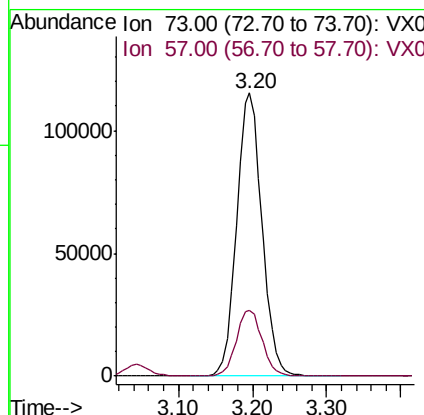
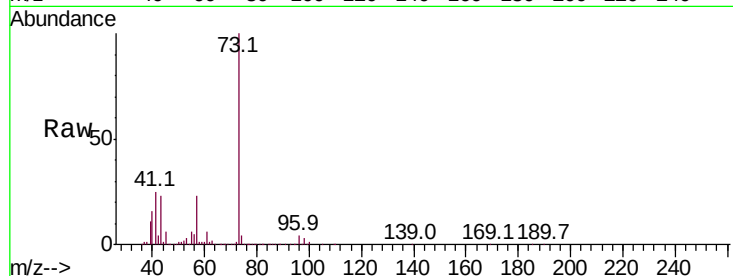
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.2  | 18.2  | 27.4  |

Manual Integrations  
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#20

Methylene Chloride

Concen: 19.725 ug/l

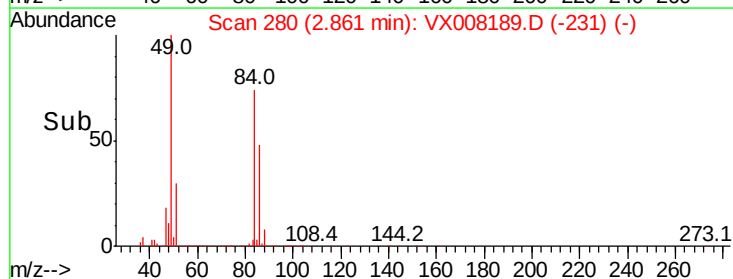
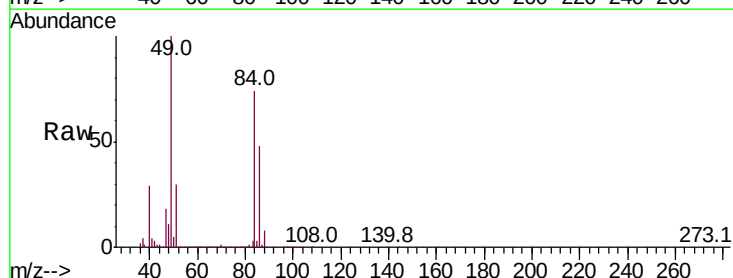
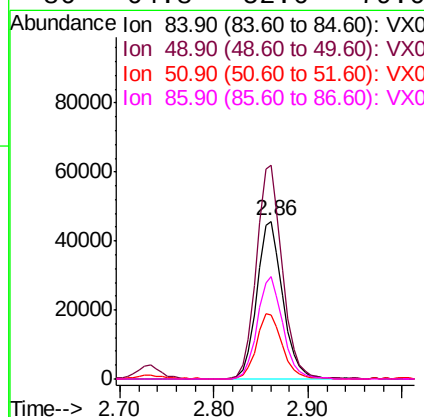
RT: 2.86 min Scan# 280

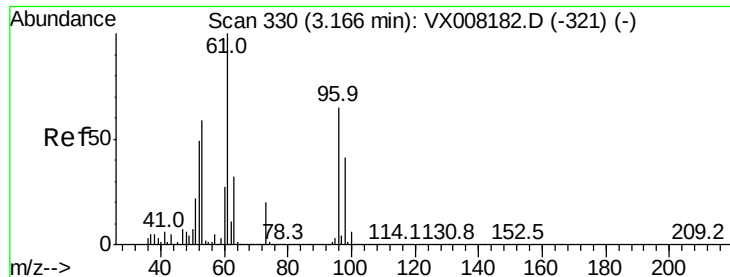
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 135.4 | 99.3  | 148.9 |
| 51      | 40.4  | 31.3  | 46.9  |
| 86      | 64.8  | 52.6  | 79.0  |





#21

trans-1,2-Dichloroethene

Concen: 19.585 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 96 Resp: 80797

Ion Ratio Lower Upper

96 100

61 157.2 114.4 171.6

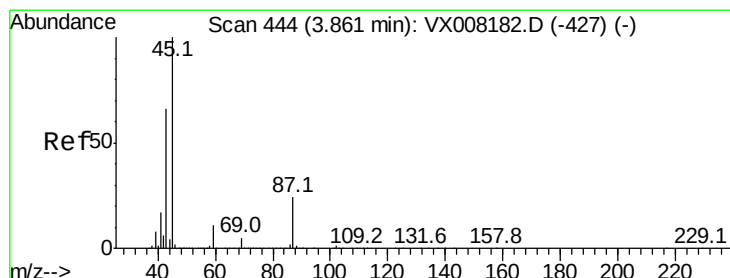
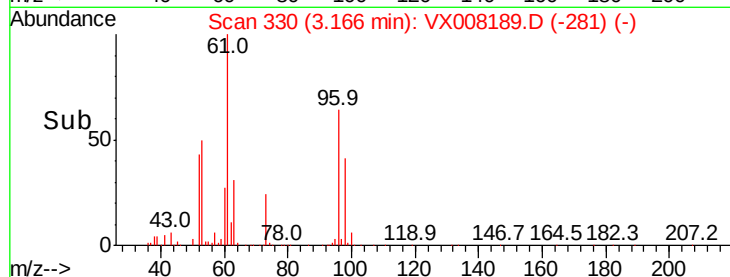
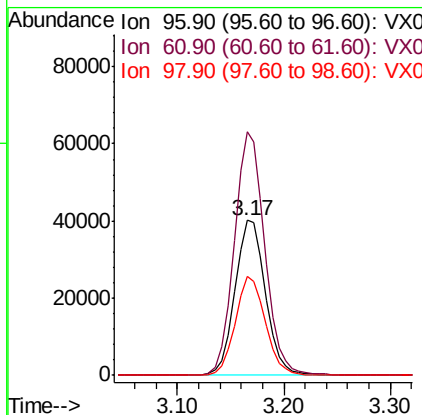
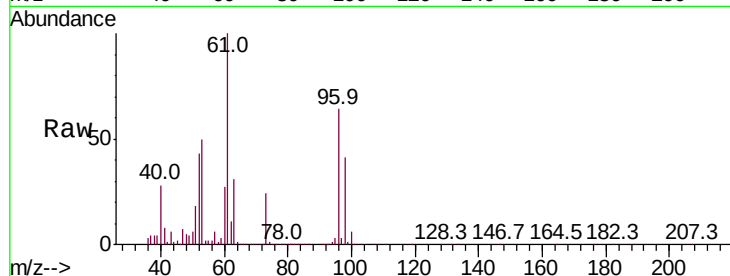
98 63.9 51.1 76.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.856 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 45 Resp: 323286

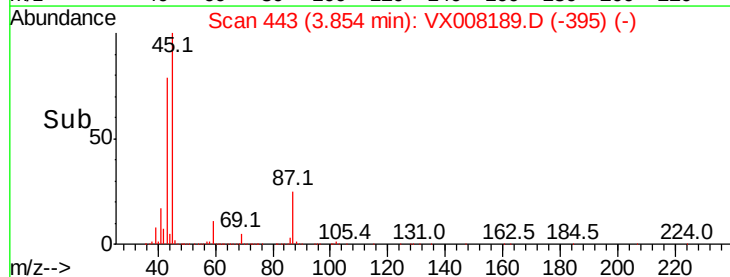
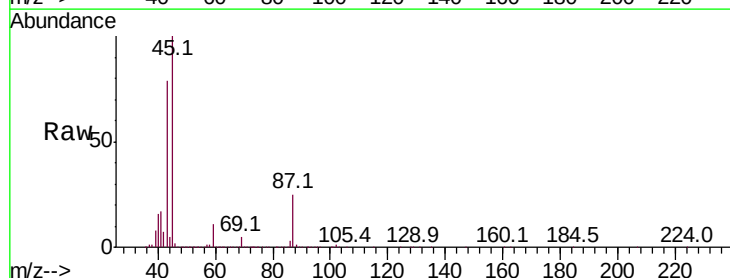
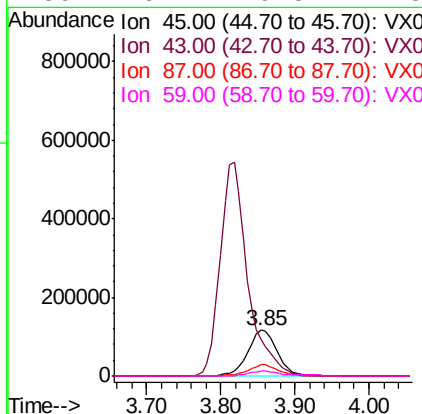
Ion Ratio Lower Upper

45 100

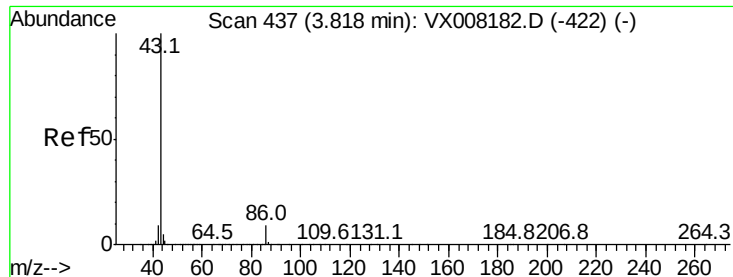
43 78.7 45.3 67.9#

87 24.9 21.4 32.0

59 10.7 9.5 14.3







#23

Vinyl Acetate

Concen: 100.868 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 43 Resp: 1408002

Ion Ratio Lower Upper

43 100

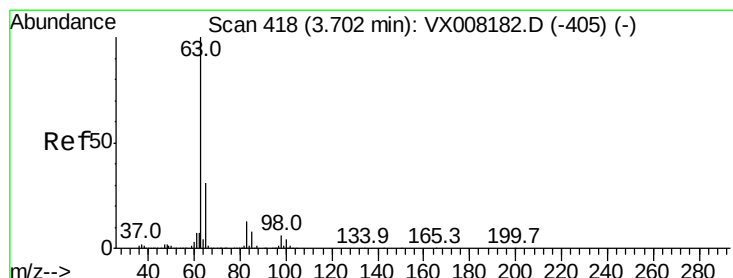
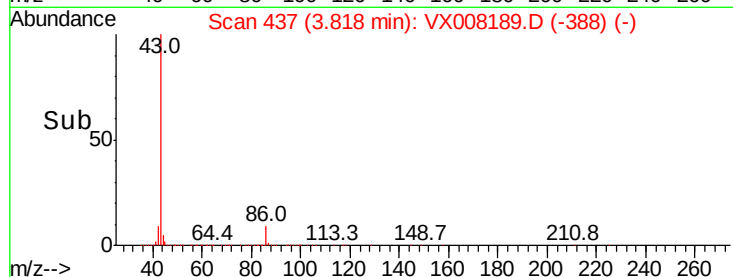
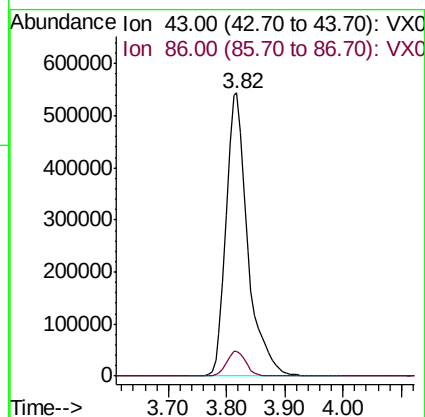
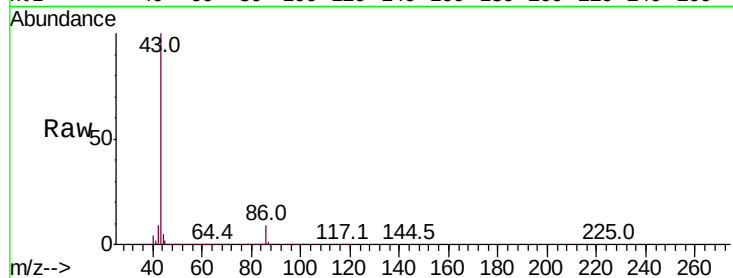
86 8.9 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:28:32 AM



#24

1,1-Dichloroethane

Concen: 19.756 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

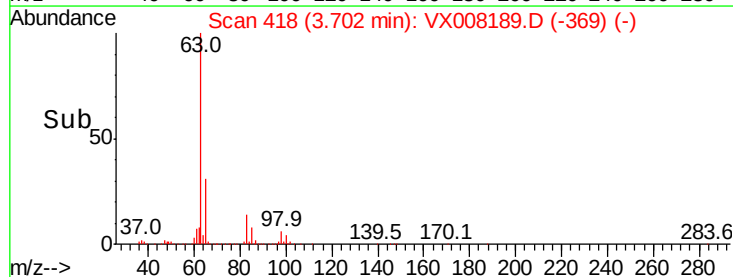
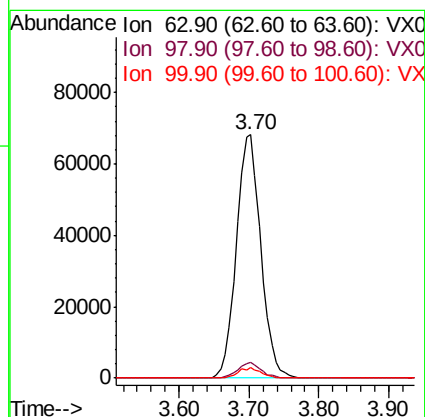
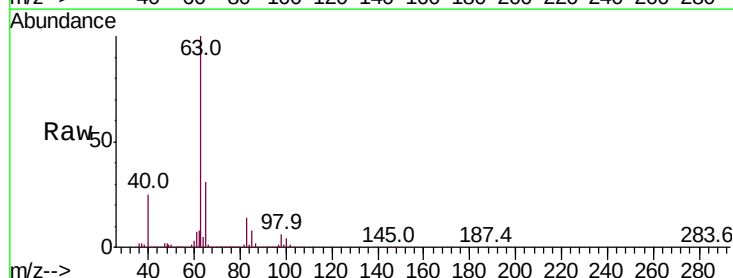
Tgt Ion: 63 Resp: 165439

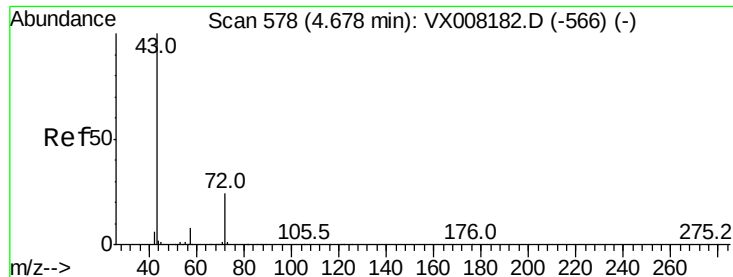
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 99.893 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 43 Resp: 396431

Ion Ratio Lower Upper

43 100

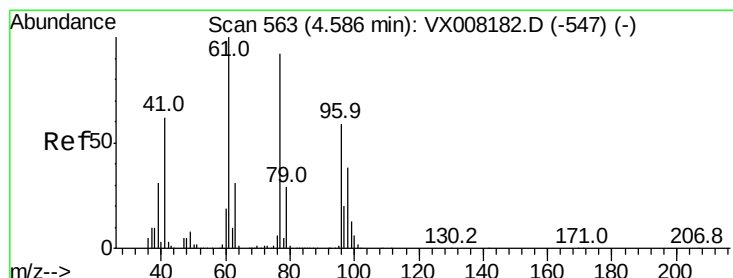
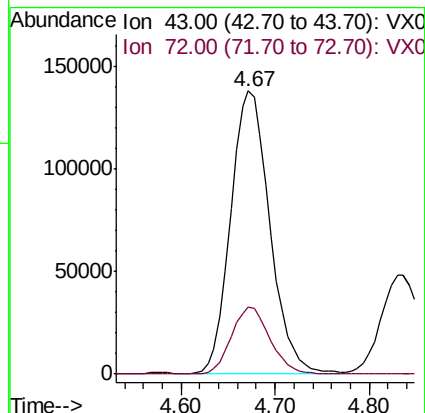
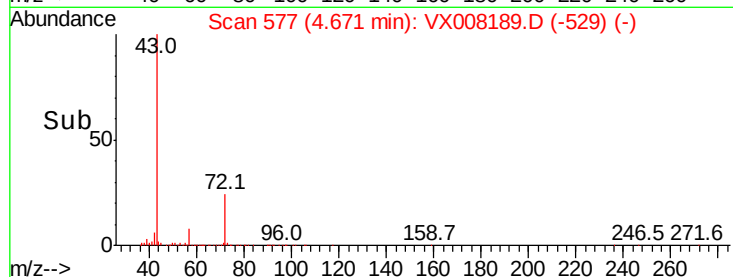
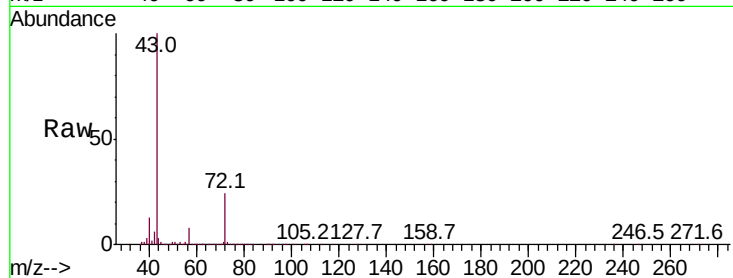
72 23.8 19.9 29.9

Manual Integrations

APPROVED

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3/20/2019 10:28:32 AM



#26

2,2-Dichloropropane

Concen: 19.528 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008189.D

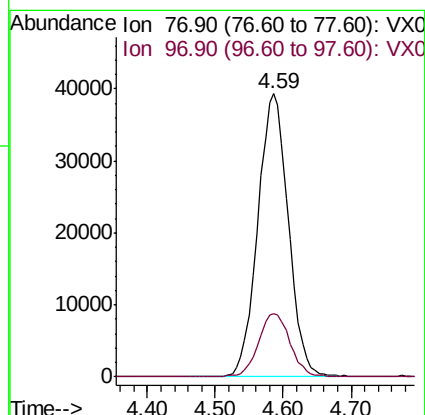
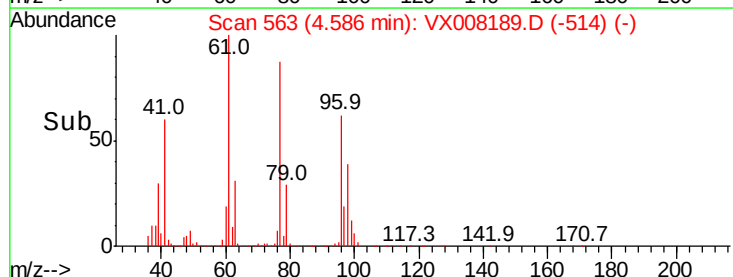
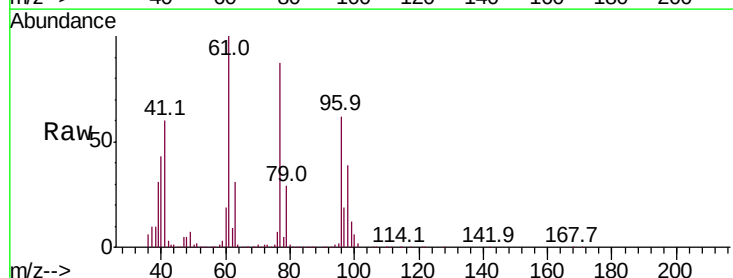
Acq: 19 Mar 2019 14:16

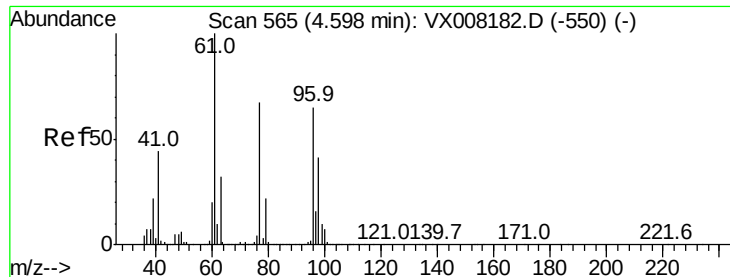
Tgt Ion: 77 Resp: 123190

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.6





#27

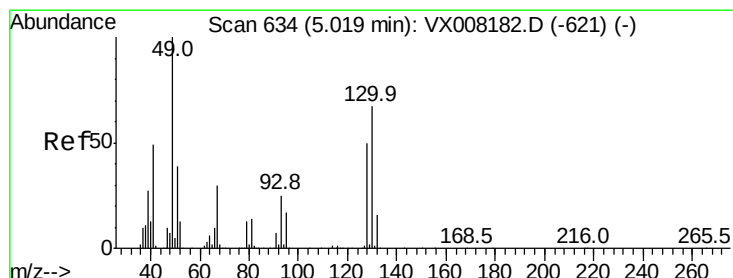
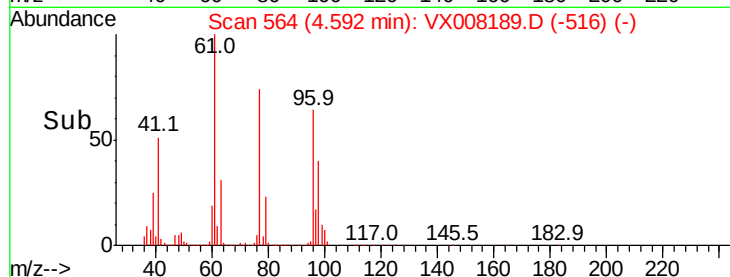
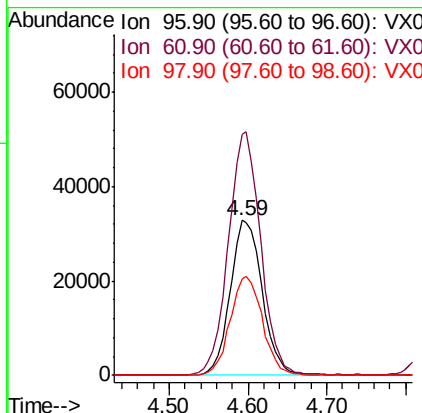
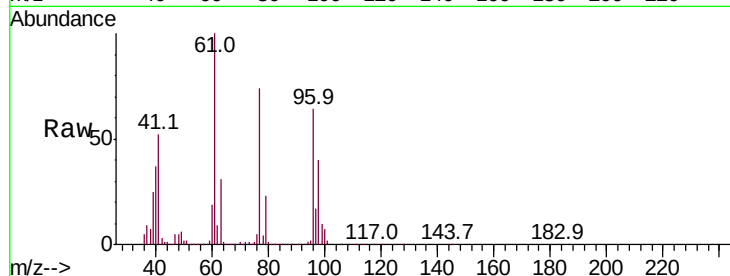
cis-1,2-Dichloroethene  
Concen: 19.695 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 158.1 | 0.0  | 288.0 |       |
| 98      | 64.6  | 0.0  | 129.0 |       |

Manual Integrations  
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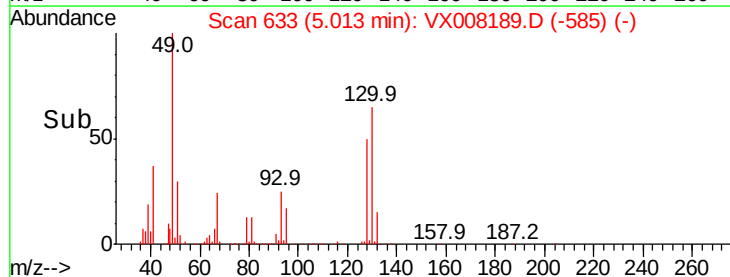
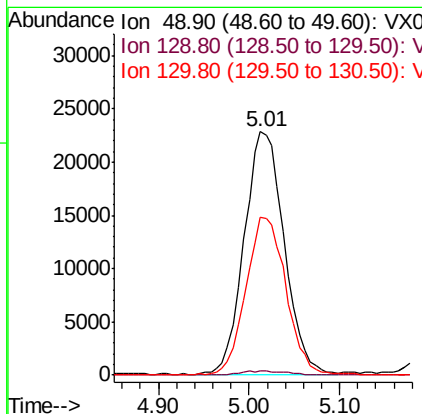
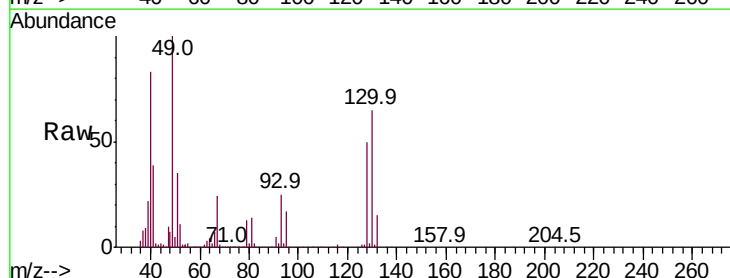
MMDadoda  
3/20/2019 10:28:32 AM

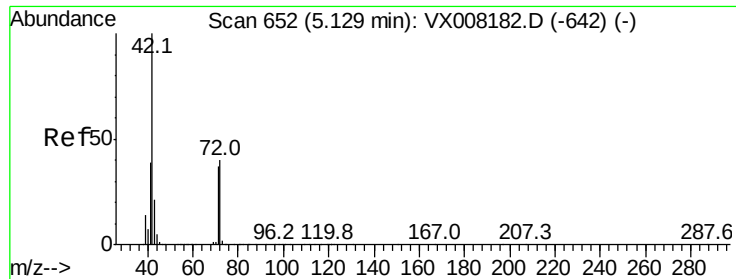


#28

Bromochloromethane  
Concen: 18.646 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 0.7   | 0.0  | 4.0   |       |
| 130     | 64.4  | 65.0 | 97.4# |       |





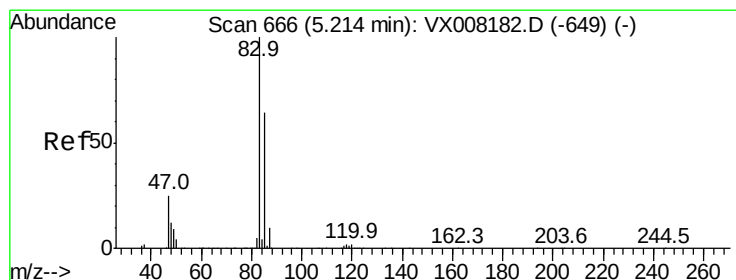
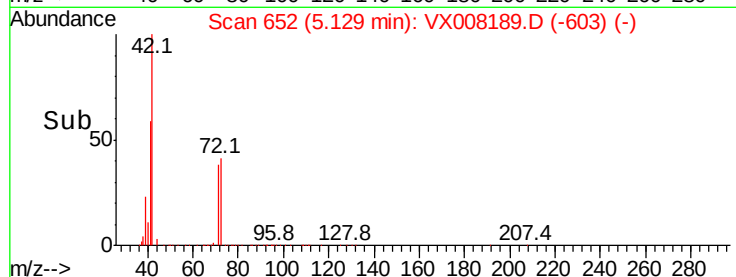
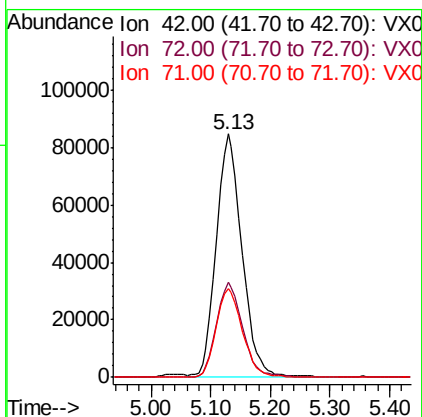
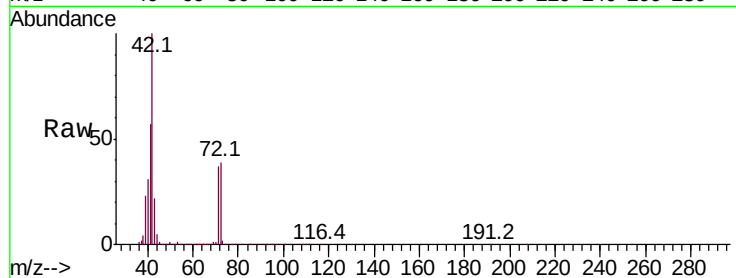
#29  
Tetrahydrofuran  
Concen: 101.627 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.9  | 33.8  | 50.6  |
| 71      | 37.4  | 31.5  | 47.3  |

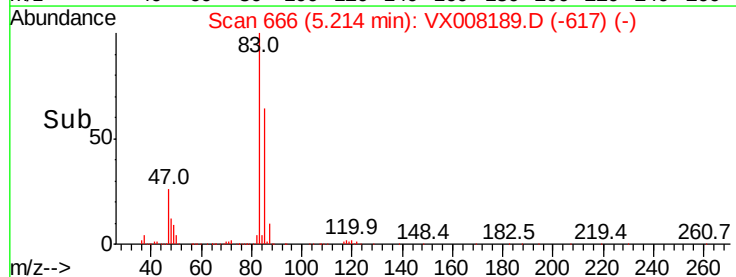
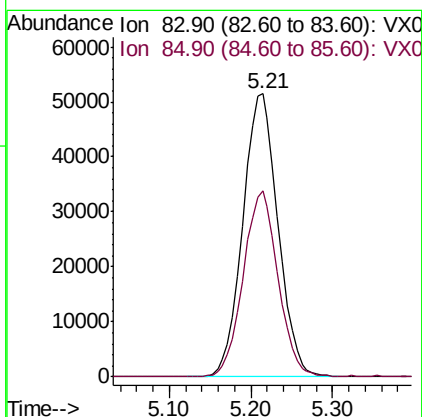
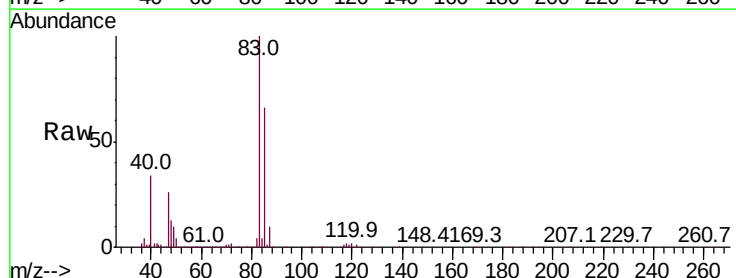
Manual Integrations  
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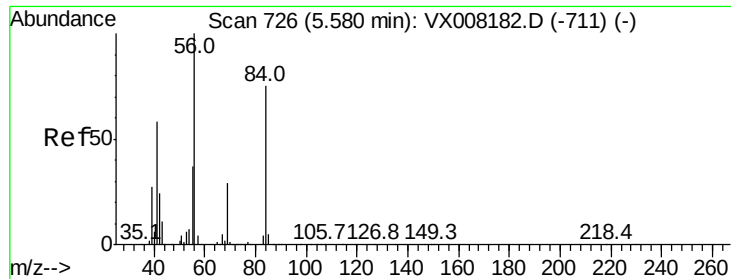
MMDadoda  
3/20/2019 10:28:32 AM



#30  
Chloroform  
Concen: 19.743 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 51.8  | 77.6  |





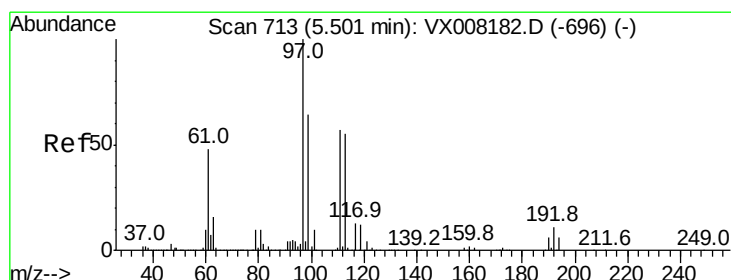
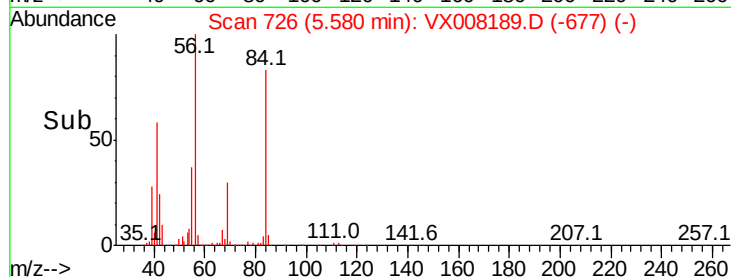
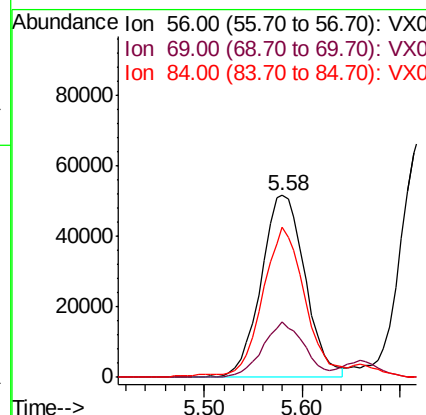
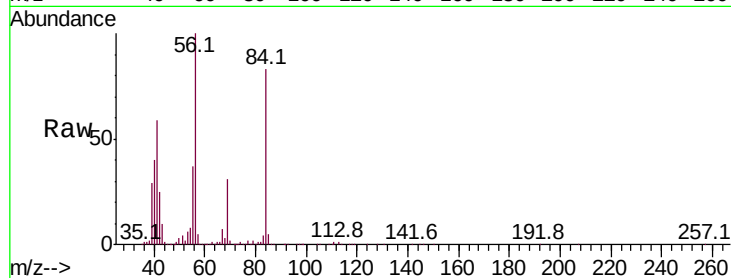
#31  
Cyclohexane  
Concen: 20.523 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.6  | 24.0  | 36.0  |
| 84      | 81.6  | 65.3  | 97.9  |

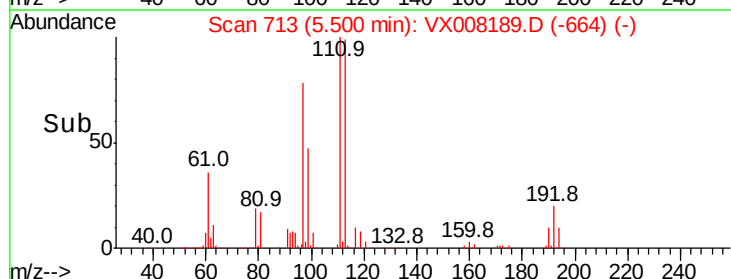
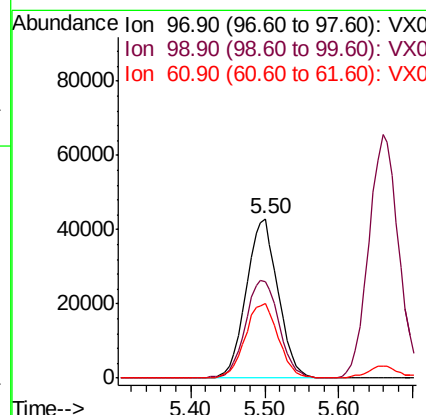
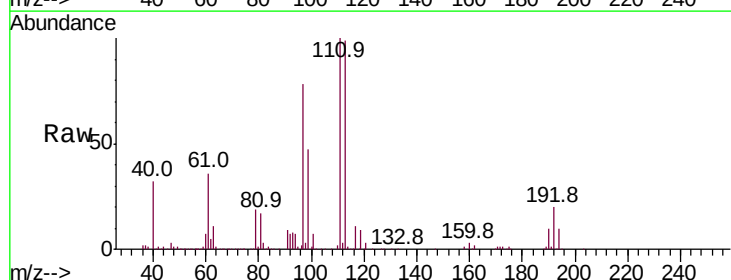
Manual Integrations  
APPROVED

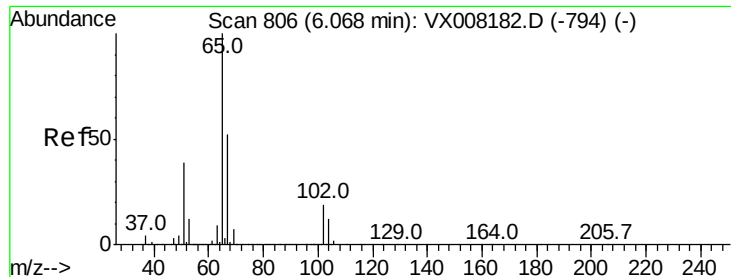
MMDadoda  
3/20/2019 10:28:32 AM



#32  
1,1,1-Trichloroethane  
Concen: 19.775 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 52.2  | 78.2  |
| 61      | 48.1  | 34.9  | 52.3  |





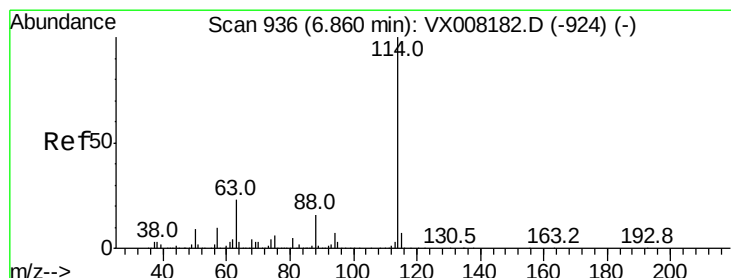
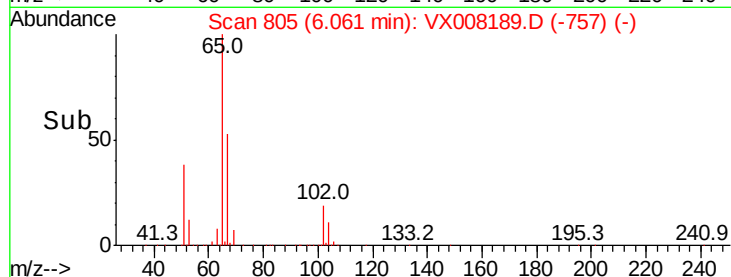
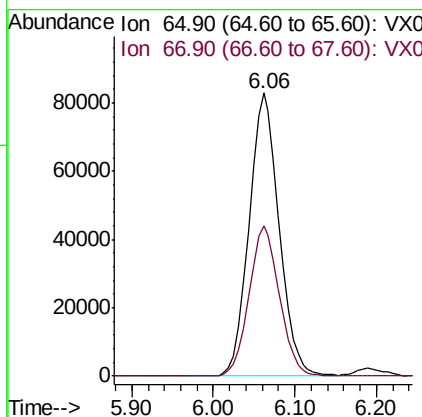
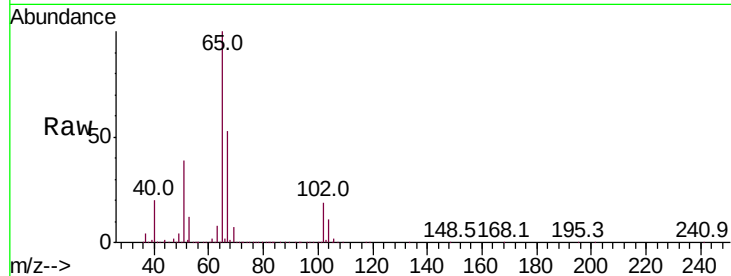
#33  
 1,2-Dichloroethane-d4  
 Concen: 44.895 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX008189.D  
 Acq: 19 Mar 2019 14:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.8  | 0.0   | 110.0 |

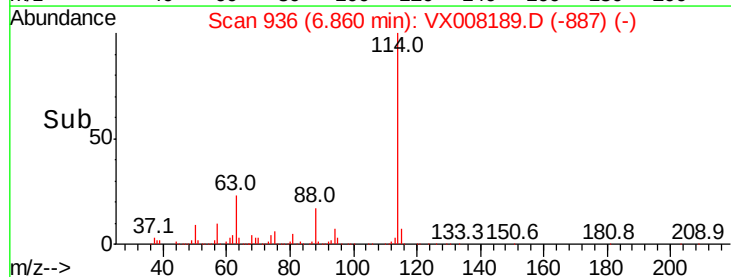
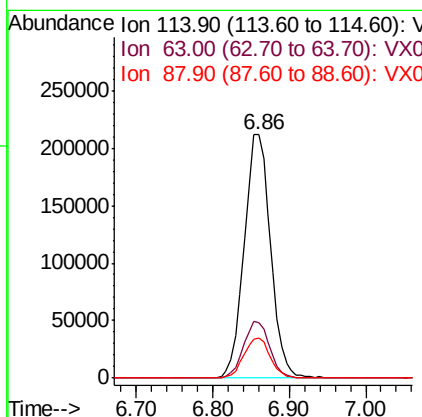
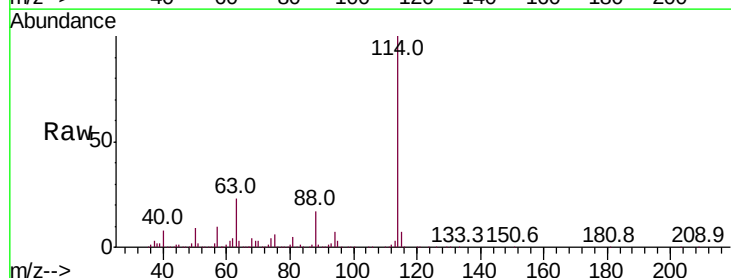
Manual Integrations  
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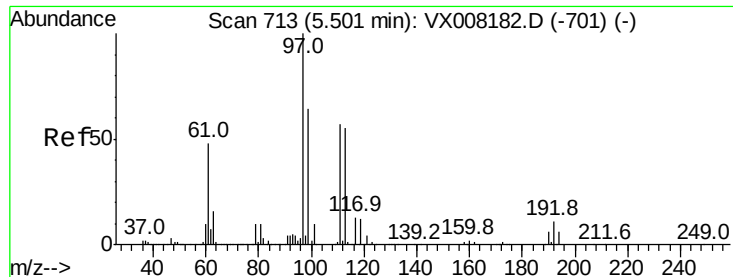
MMDadoda  
 3/20/2019 10:28:32 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008189.D  
 Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.8  | 0.0   | 39.8  |
| 88      | 16.6  | 0.0   | 31.4  |





#35

Dibromofluoromethane

Concen: 45.782 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

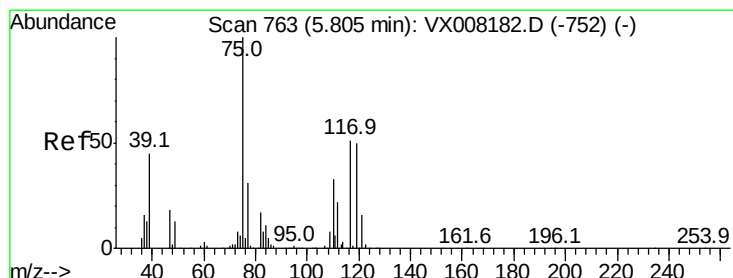
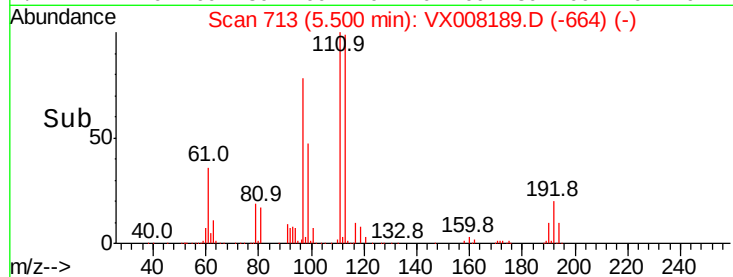
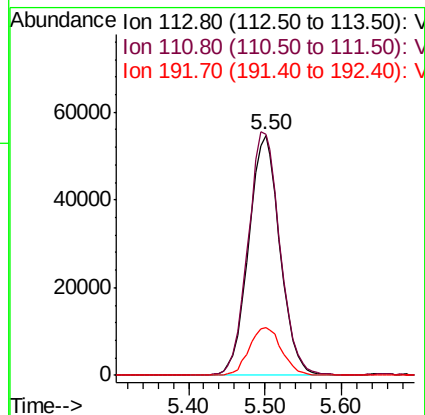
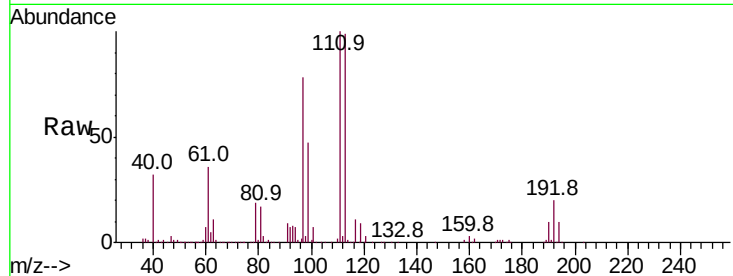
ClientSampleId :

VX0319WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 155781 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.6 | 81.4  | 122.0  |
| 192       | 20.7  | 19.4  | 29.0   |

Manual Integrations  
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3/20/2019 10:28:32 AM



#36

1,1-Dichloropropene

Concen: 20.487 ug/l

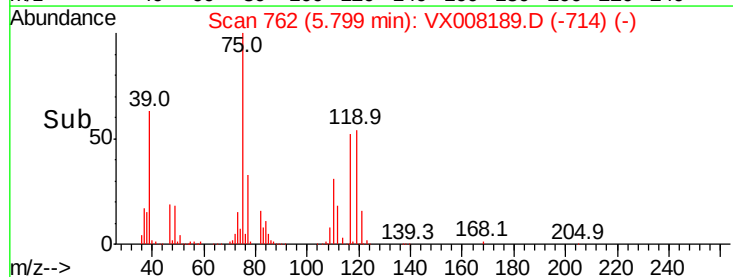
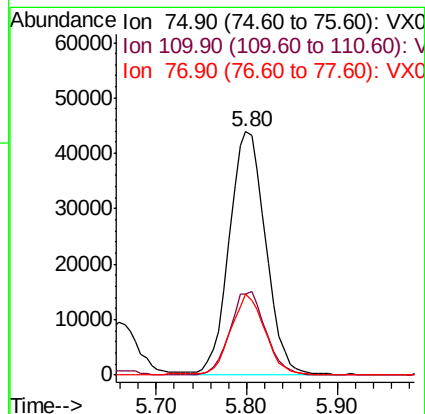
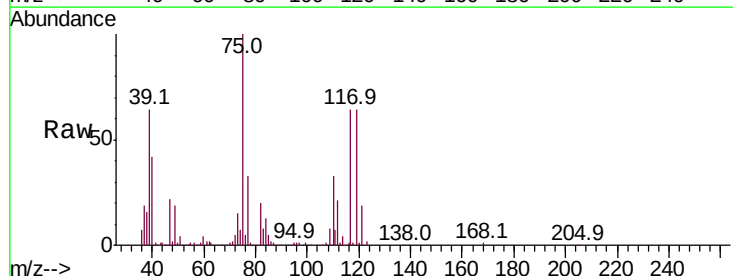
RT: 5.80 min Scan# 762

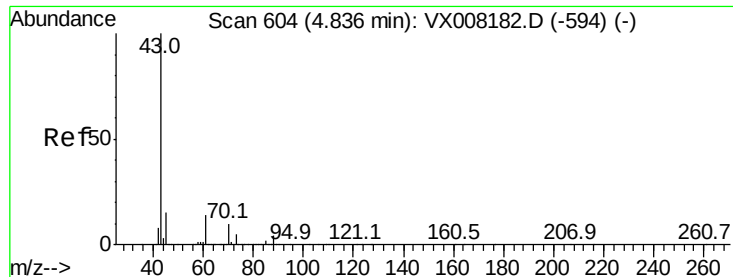
Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 121237 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 34.0  | 18.4  | 55.0   |
| 77        | 31.4  | 25.0  | 37.4   |





#37

Ethyl Acetate

Concen: 20.844 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008189.D

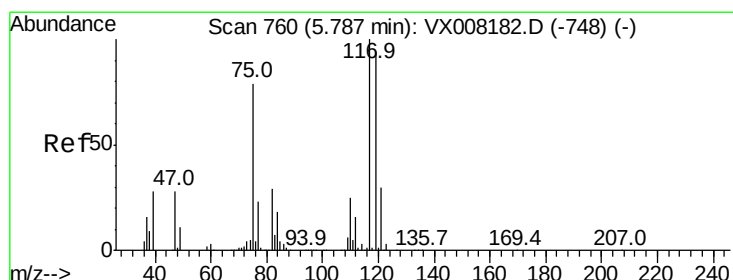
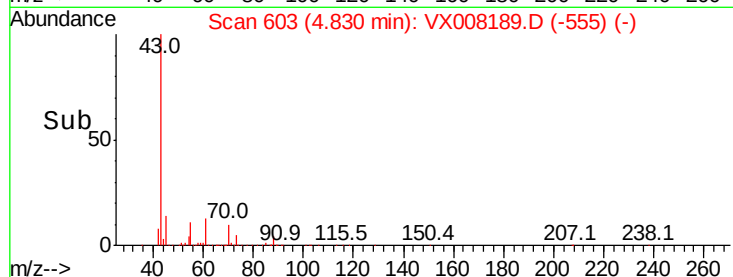
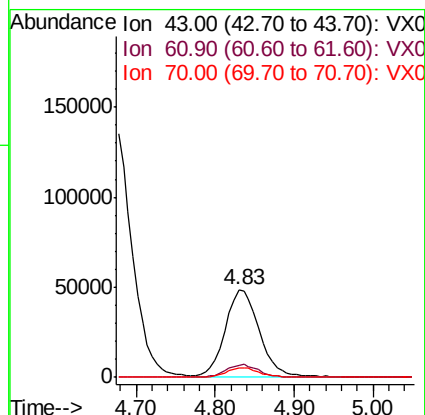
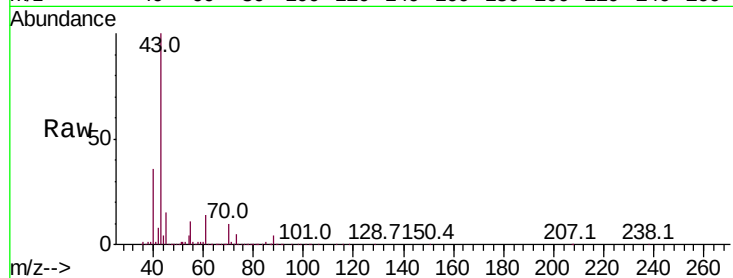
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 11.3  | 16.9  |
| 70      | 9.7   | 8.5   | 12.7  |

Manual Integrations  
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3/20/2019 10:28:32 AM



#38

Carbon Tetrachloride

Concen: 20.491 ug/l

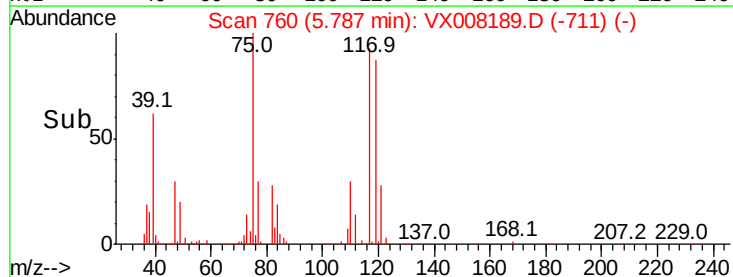
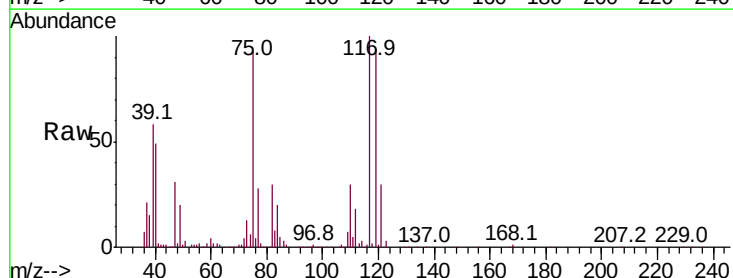
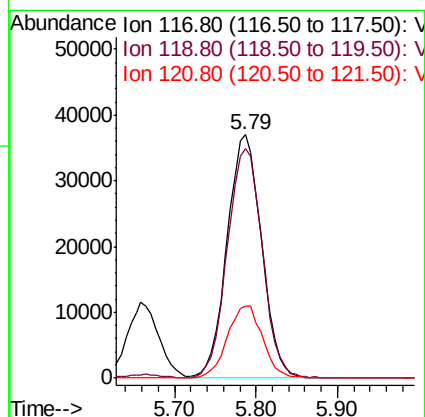
RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

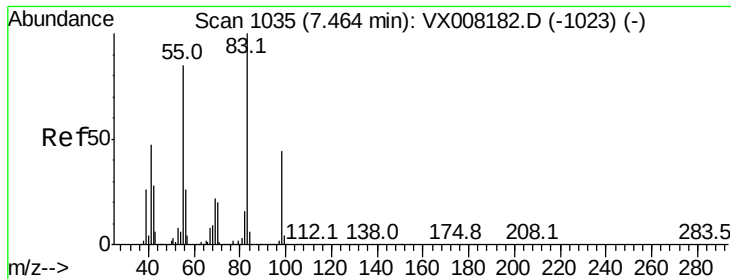
Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.9  | 76.2  | 114.2 |
| 121     | 29.6  | 24.6  | 36.8  |







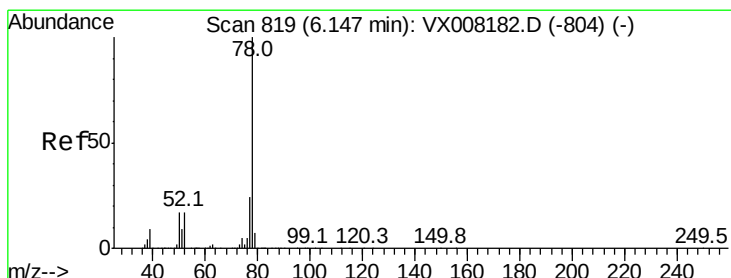
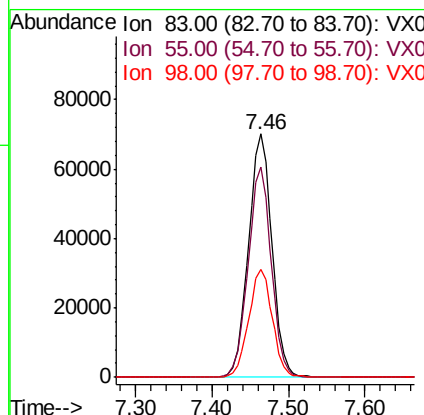
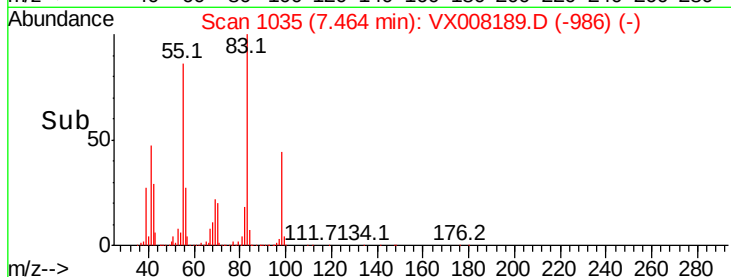
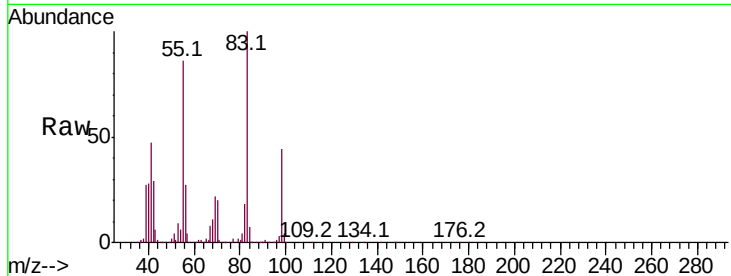
#39  
Methylvlcyclohexane  
Concen: 21.048 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 86.2  | 60.4 | 90.6  |       |
| 98      | 44.4  | 36.5 | 54.7  |       |

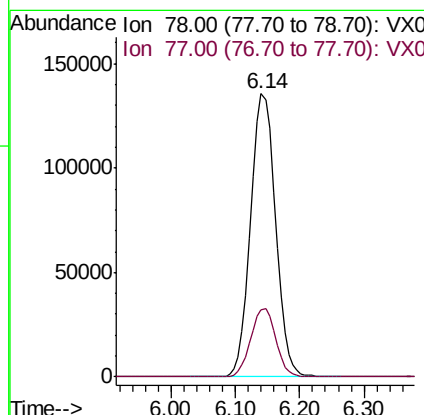
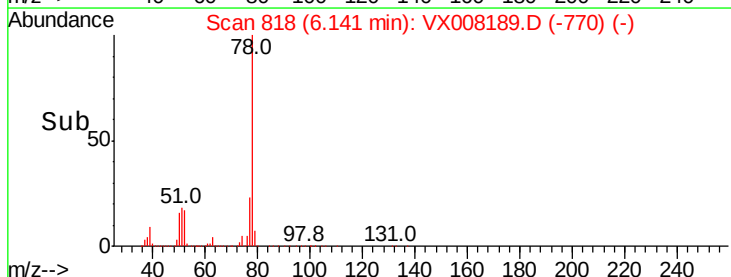
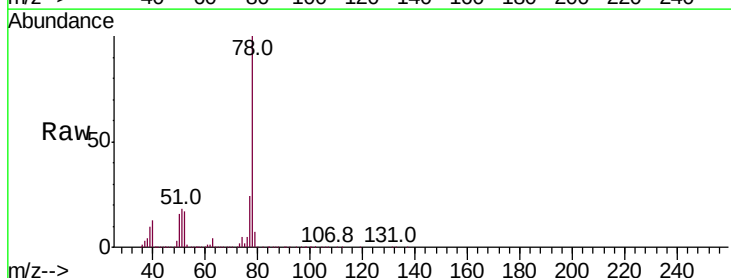
Manual Integrations  
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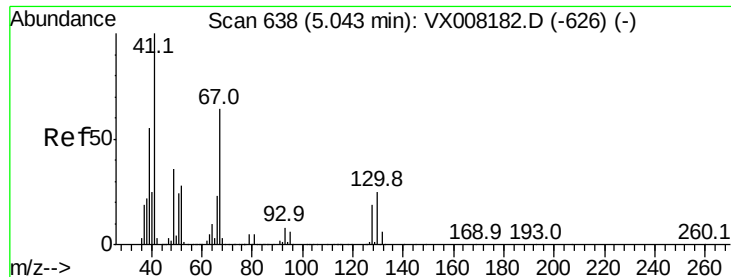
MMDadoda  
3/20/2019 10:28:32 AM



#40  
Benzene  
Concen: 20.565 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.7  | 19.0 | 28.4  |       |





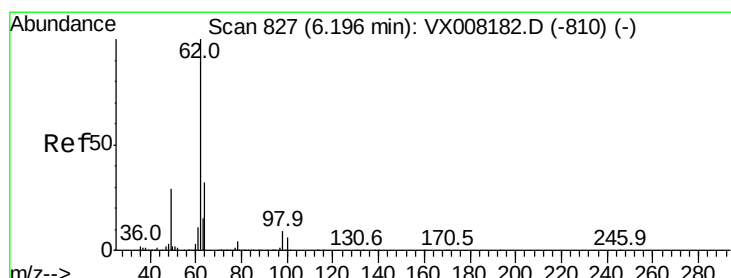
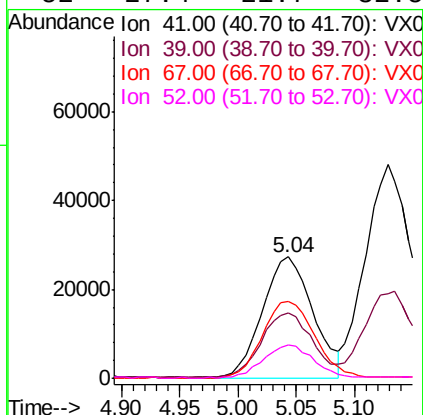
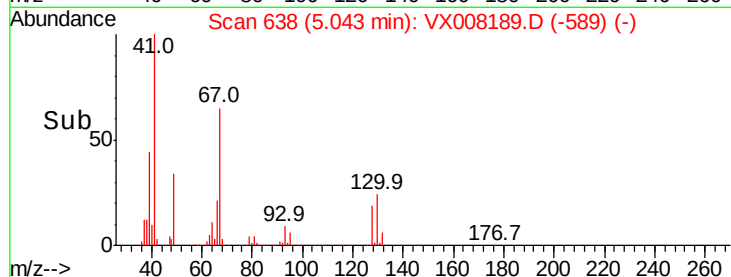
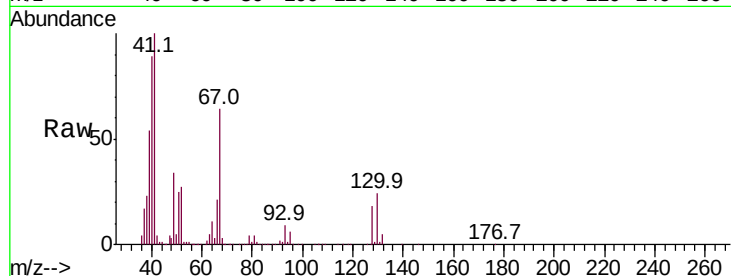
#41  
Methacrylonitrile  
Concen: 20.820 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 81696 |       |       |
| 39      | 54.6 | 41.6  | 62.4  |       |       |
| 67      | 66.2 | 55.8  | 83.6  |       |       |
| 52      | 27.4 | 21.7  | 32.5  |       |       |

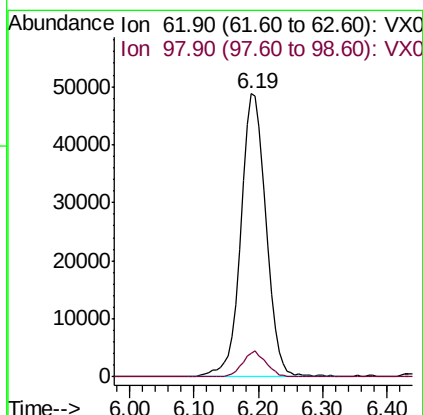
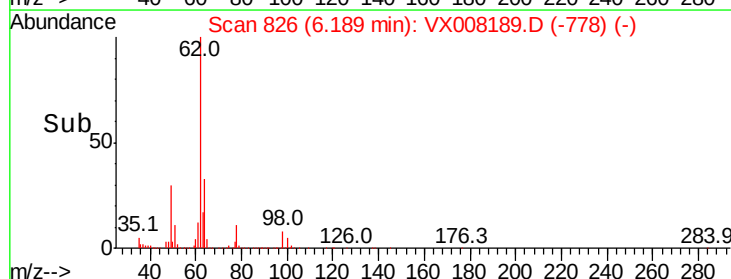
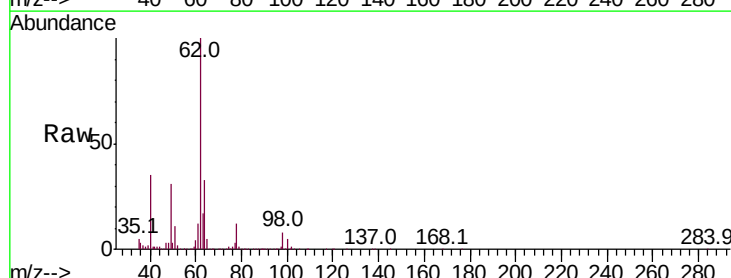
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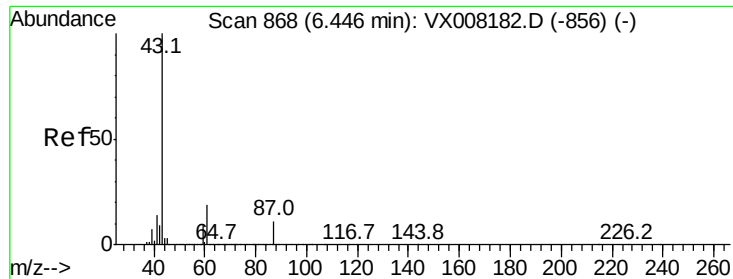
MMDadoda  
3/20/2019 10:28:32 AM



#42  
1,2-Dichloroethane  
Concen: 20.472 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 131359 |       |       |
| 98      | 8.7 | 0.0   | 20.4   |       |       |





#43

Isopropyl Acetate

Concen: 20.709 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

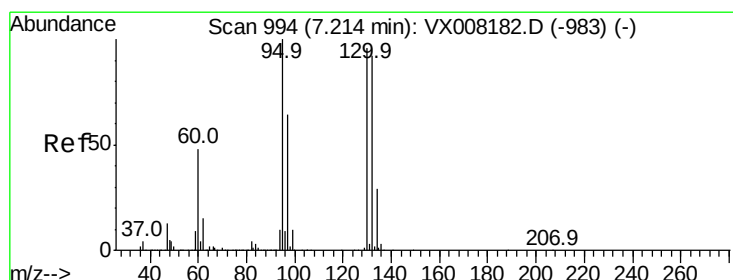
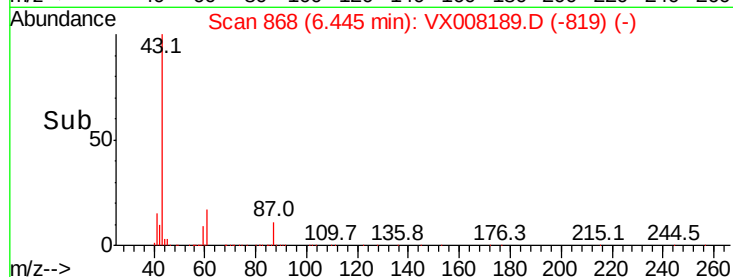
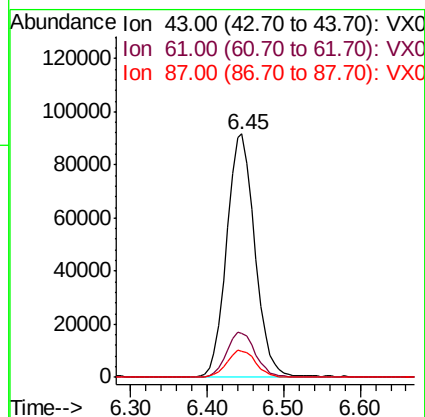
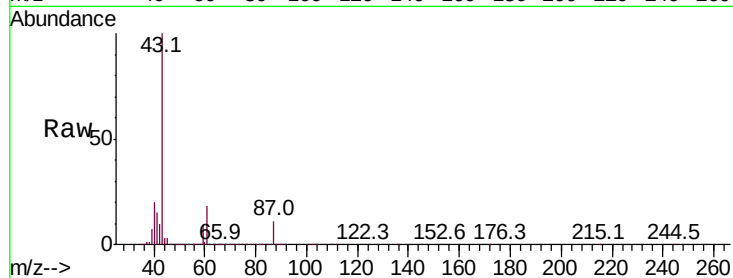
ClientSampleId :

VX0319WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 232211 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.2  | 16.3  | 24.5   |
| 87       | 11.5  | 10.5  | 15.7   |

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#44

Trichloroethene

Concen: 20.268 ug/l

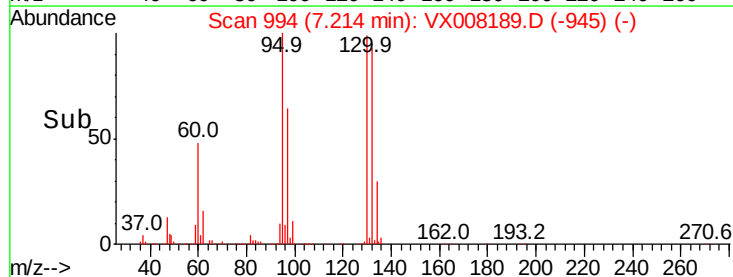
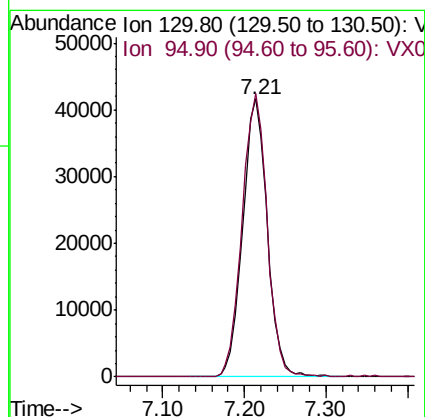
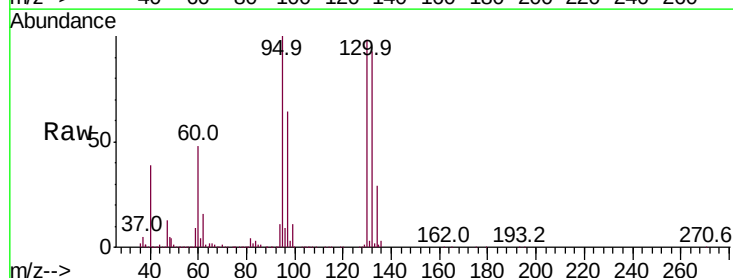
RT: 7.21 min Scan# 994

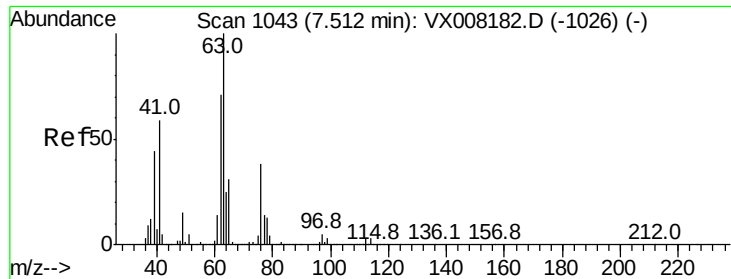
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 86803 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.9 | 0.0   | 188.0 |





#45

1,2-Dichloropropane

Concen: 20.161 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampled :

VX0319WBS01

Tot Ion: 63 Resp: 98854

Ion Ratio Lower Upper

63 100

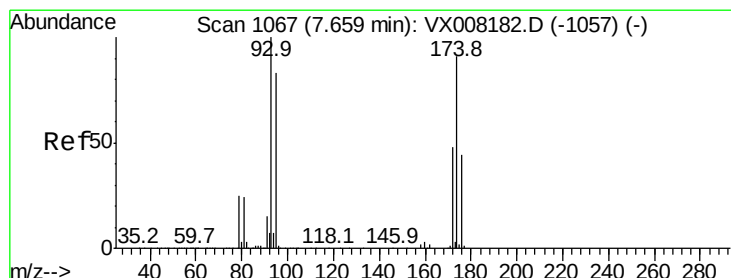
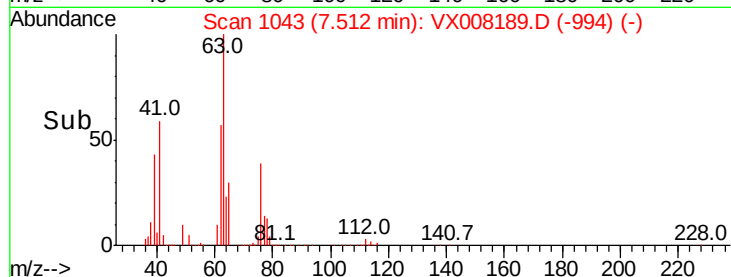
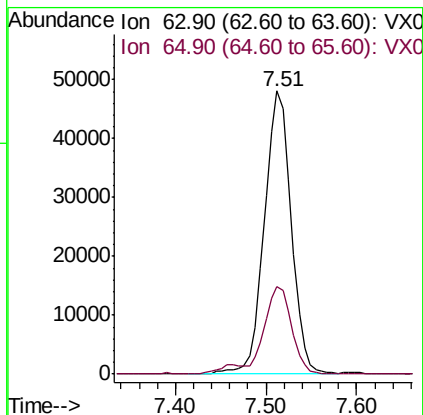
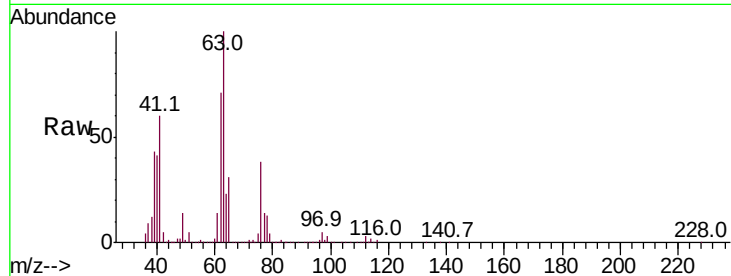
65 30.9 24.7 37.1

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#46

Dibromomethane

Concen: 19.826 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

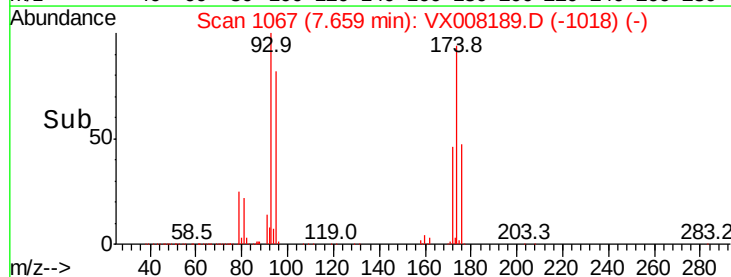
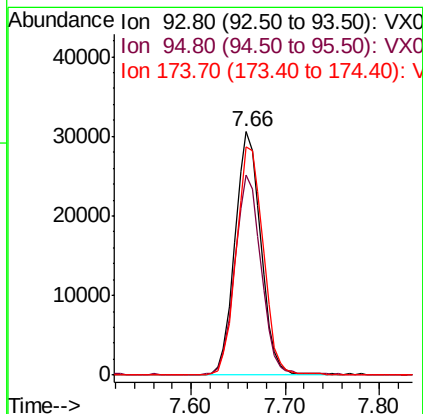
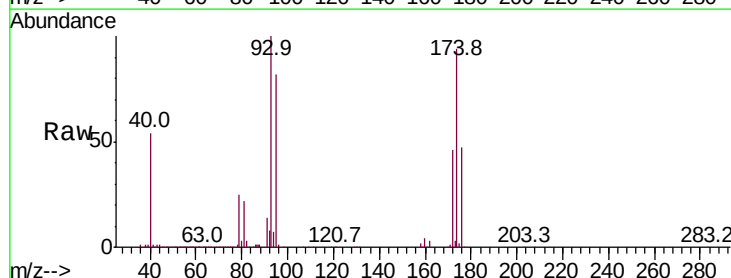
Tgt Ion: 93 Resp: 58860

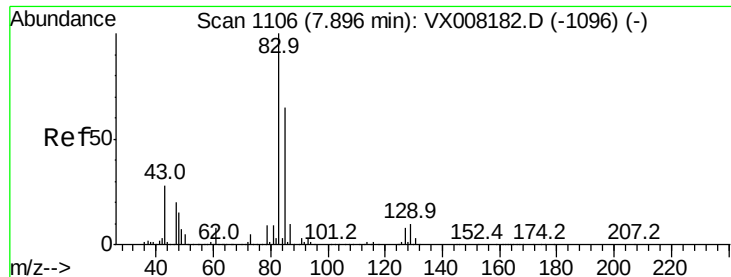
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 97.6 97.3 145.9





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

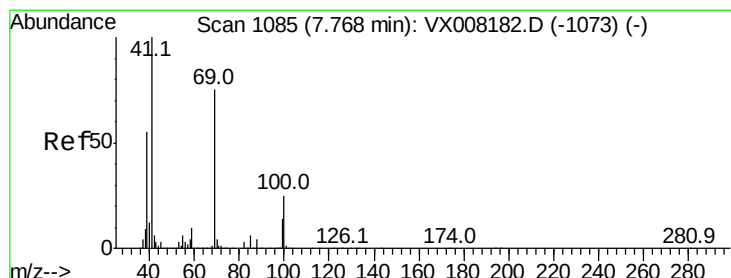
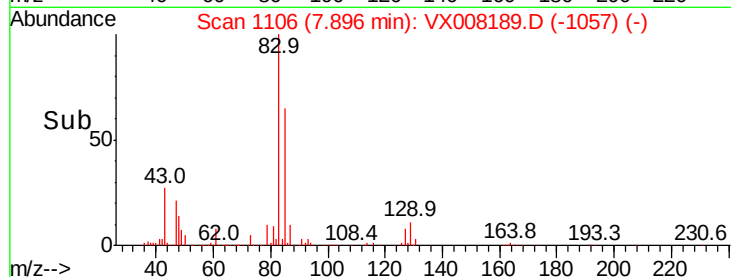
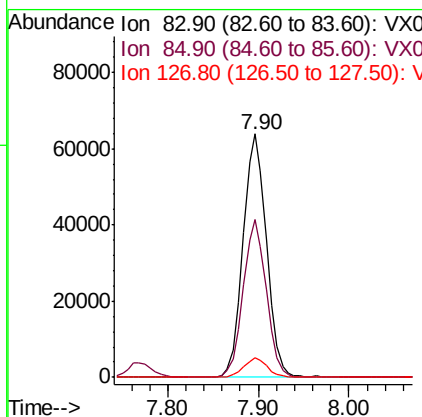
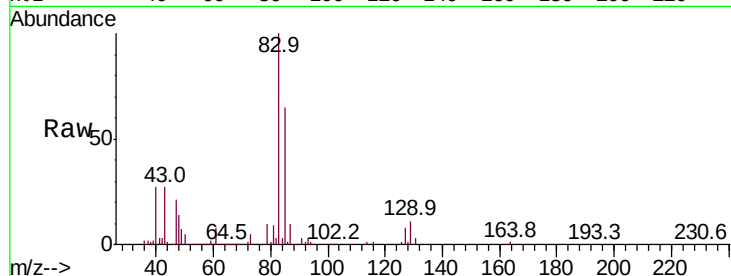
ClientSampleId :

VX0319WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 114086 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.9  | 50.9  | 76.3   |
| 127      | 8.2   | 7.4   | 11.0   |

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#48

Methyl methacrylate

Concen: 20.289 ug/l

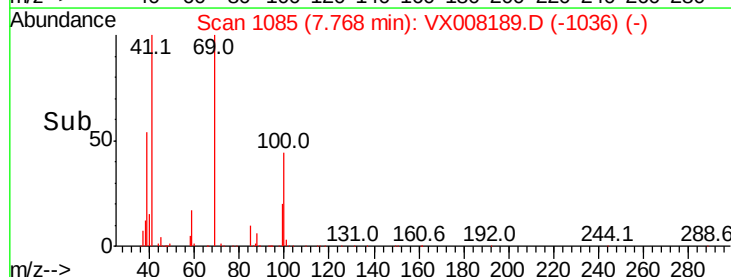
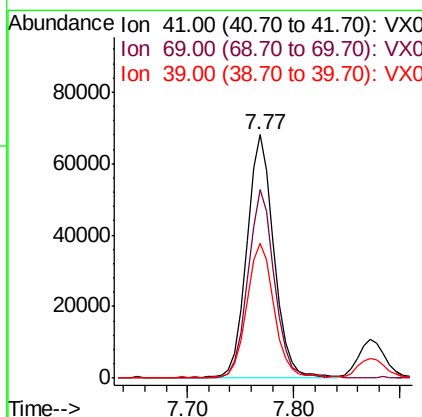
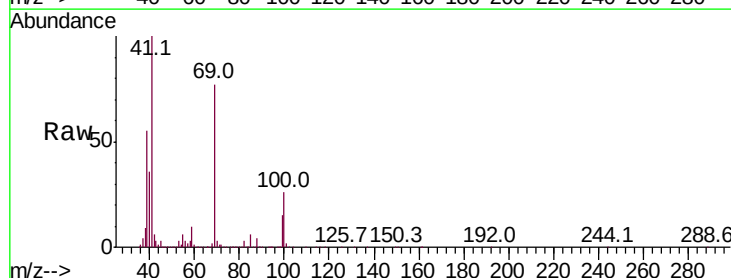
RT: 7.77 min Scan# 1085

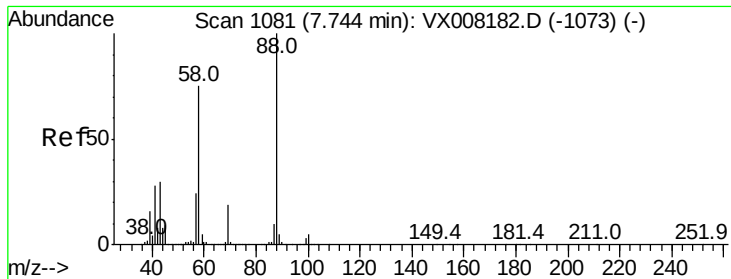
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 120968 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 76.7  | 65.2  | 97.8   |
| 39       | 55.1  | 39.4  | 59.2   |





#49

1,4-Dioxane

Concen: 410.753 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

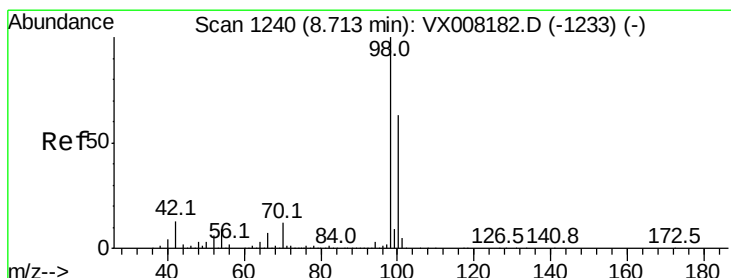
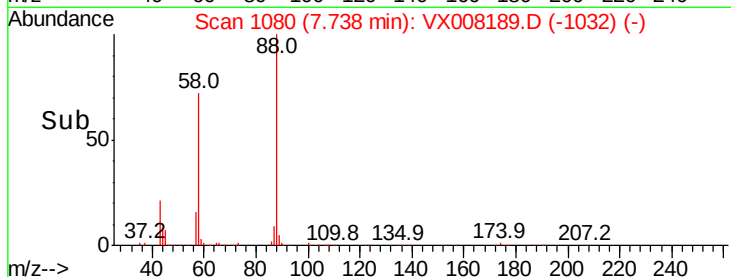
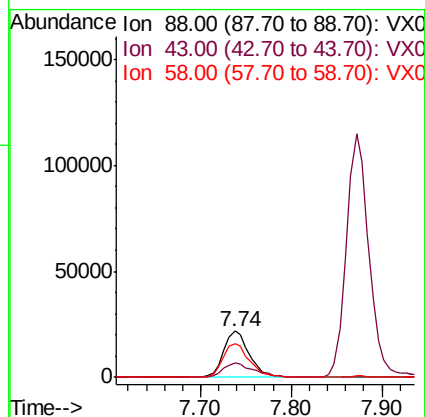
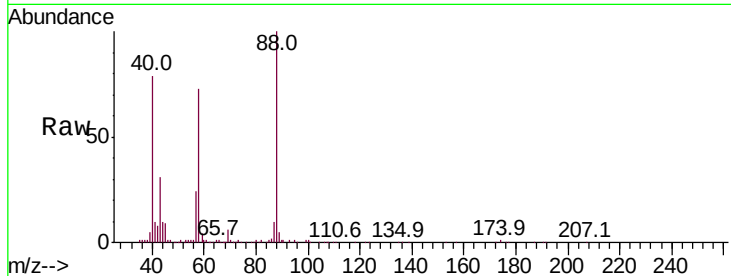
ClientSampleId :

VX0319WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 43216 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.4  | 25.1  | 37.7  |
| 58       | 74.9  | 57.8  | 86.6  |

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#50

Toluene-d8

Concen: 48.353 ug/l

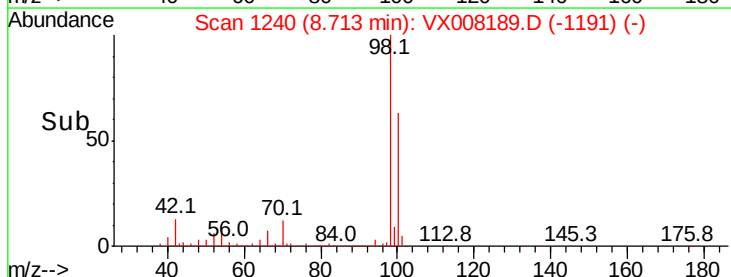
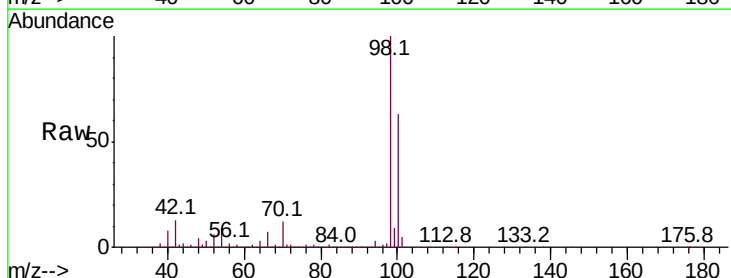
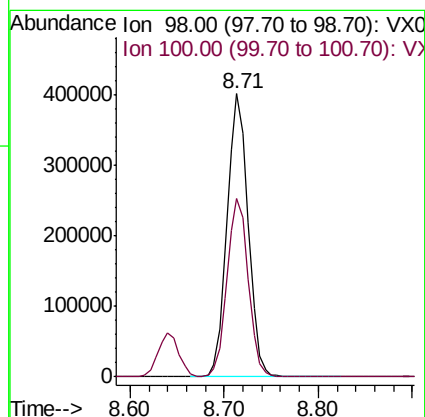
RT: 8.71 min Scan# 1240

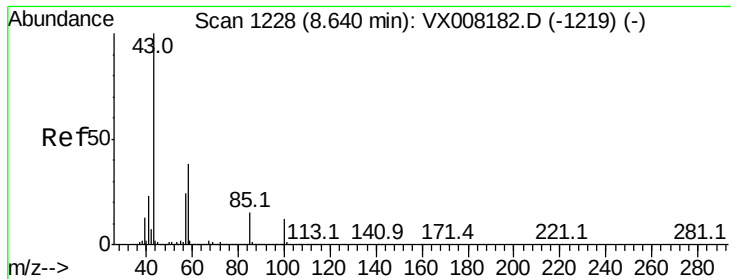
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 623789 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.4  | 51.7  | 77.5   |





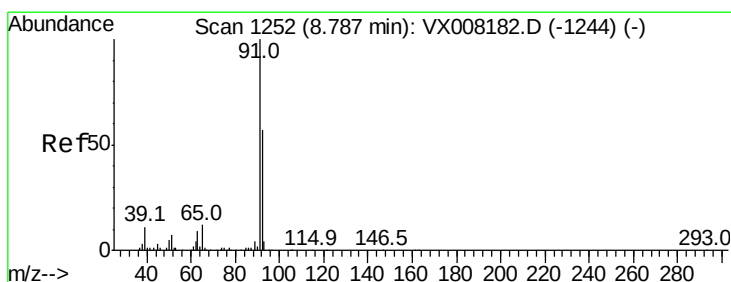
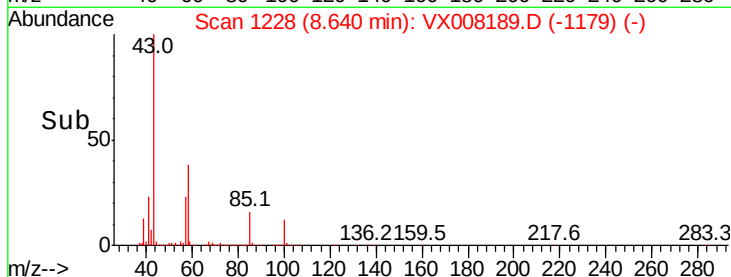
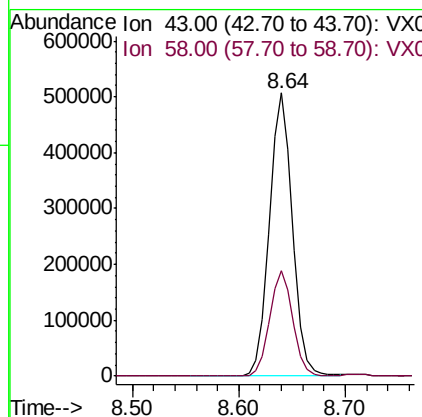
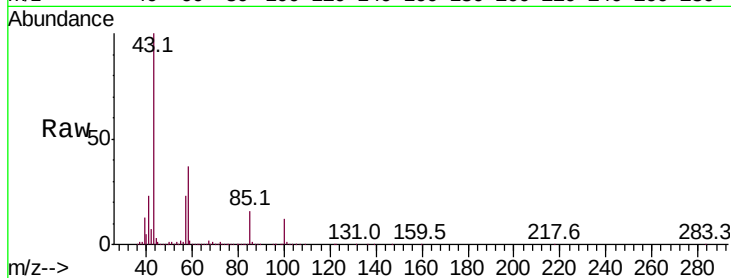
#51  
4-Methyl-2-Pentanone  
Concen: 105.678 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.4  | 31.3  | 46.9  |

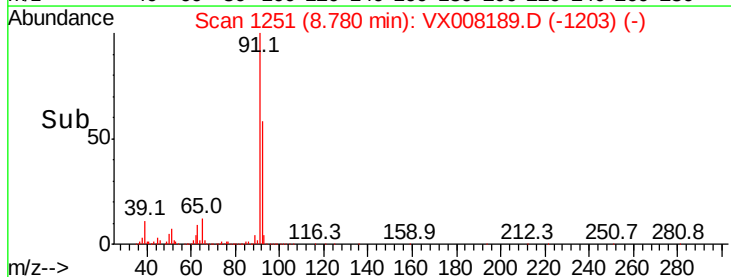
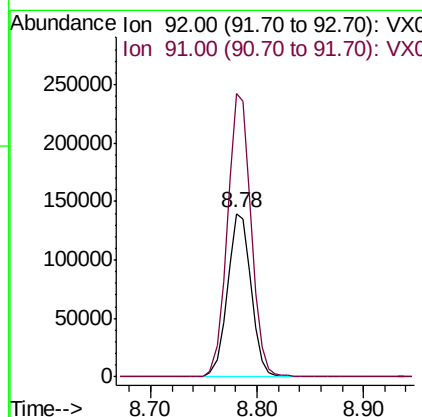
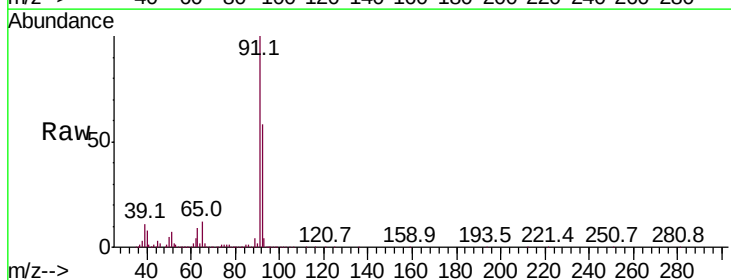
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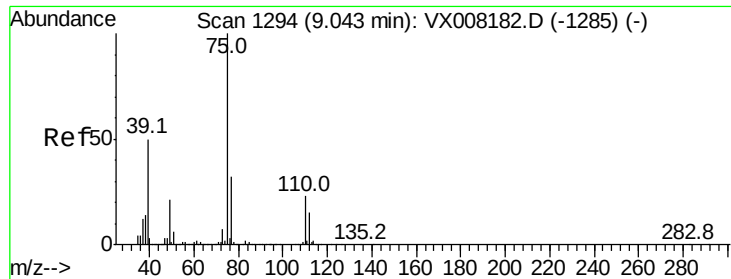
MMDadoda  
3/20/2019 10:28:32 AM



#52  
Toluene  
Concen: 20.891 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 174.0 | 137.4 | 206.0 |





#53

t-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 75 Resp: 126839

Ion Ratio Lower Upper

75 100

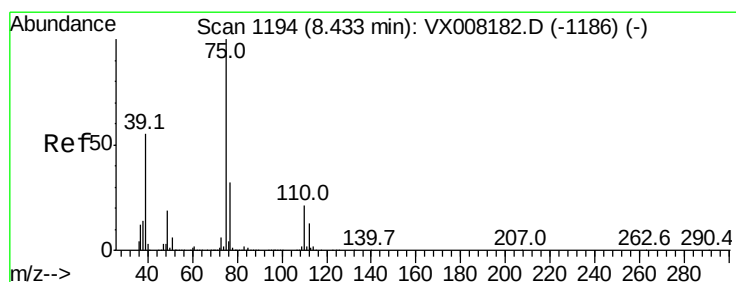
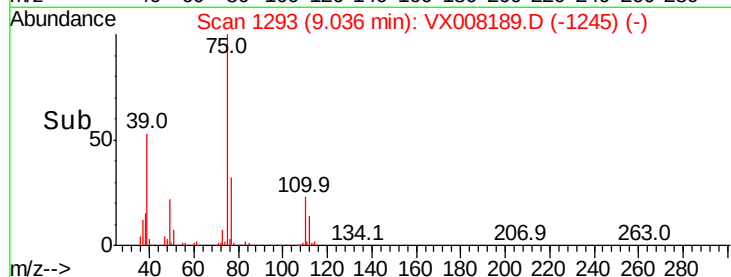
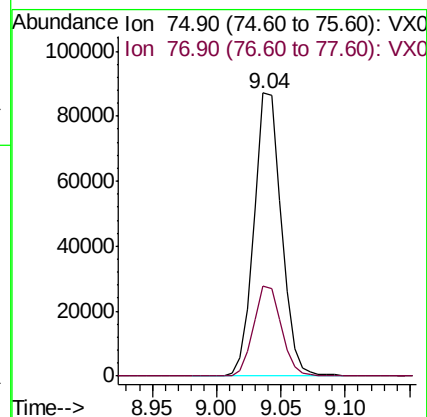
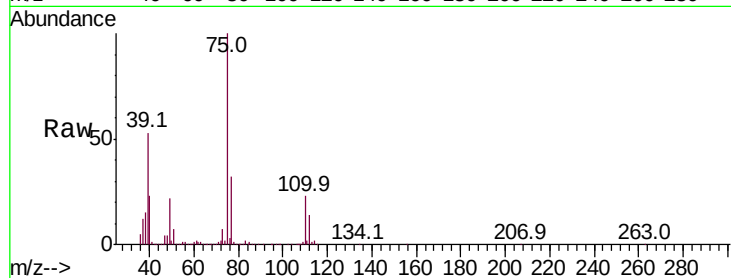
77 31.8 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 20.325 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

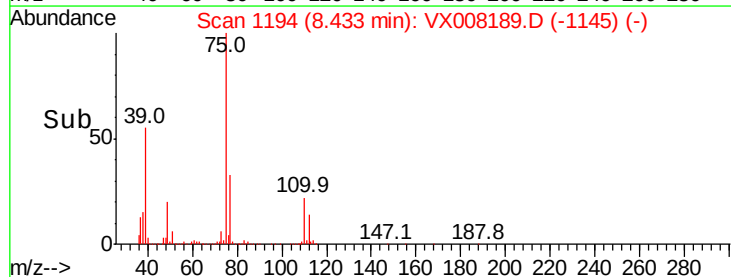
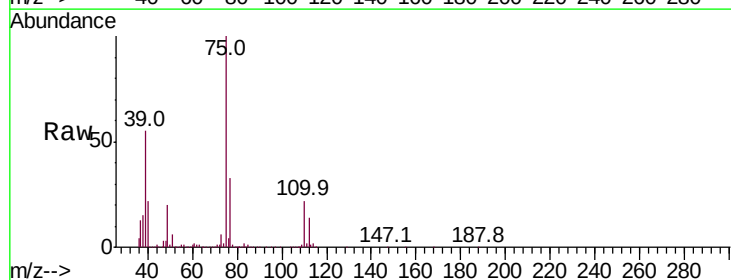
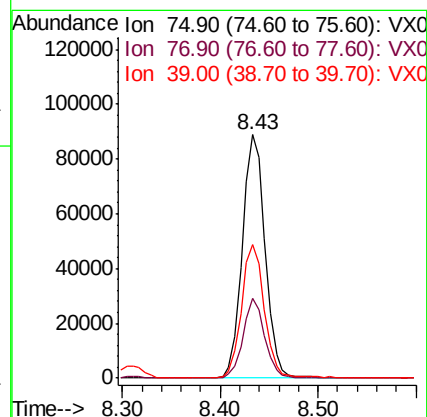
Tgt Ion: 75 Resp: 142714

Ion Ratio Lower Upper

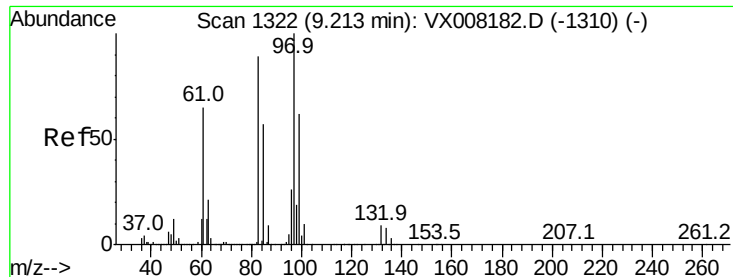
75 100

77 32.9 25.0 37.6

39 54.9 36.6 54.8#







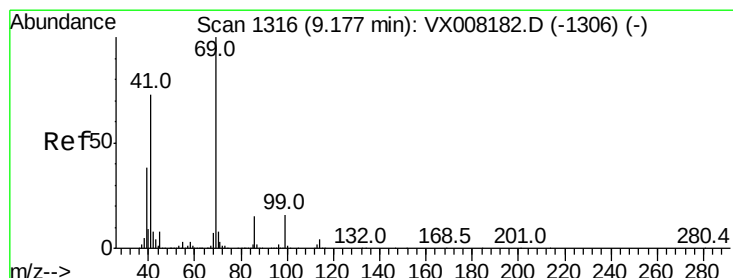
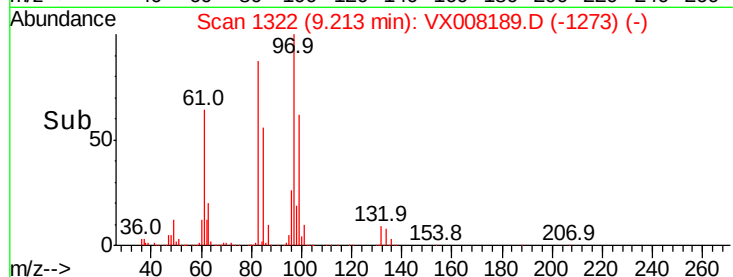
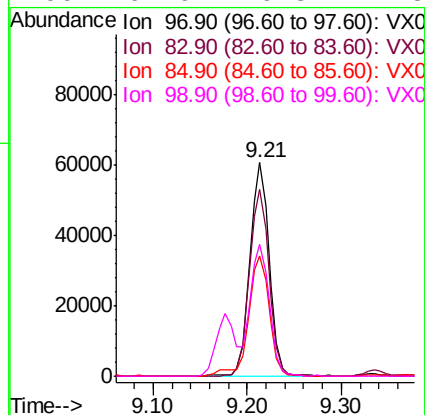
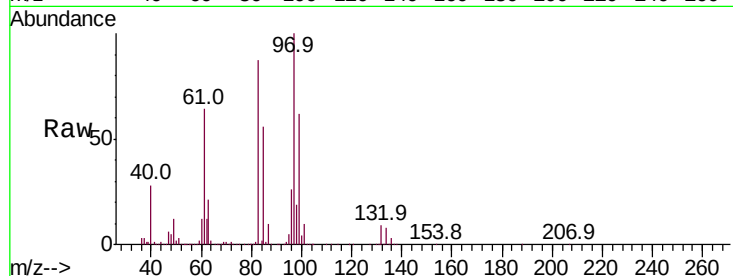
#55  
1,1,2-Trichloroethane  
Concen: 20.807 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.4  | 69.1  | 103.7 |
| 85      | 56.0  | 44.3  | 66.5  |
| 99      | 61.6  | 49.8  | 74.8  |

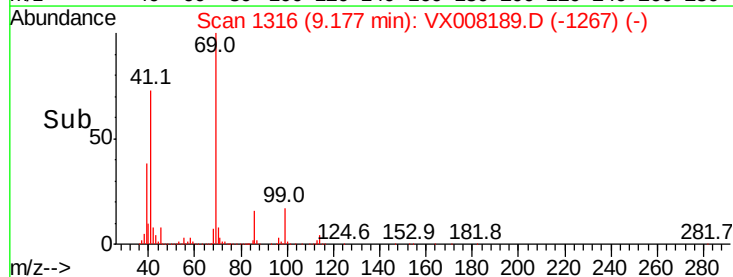
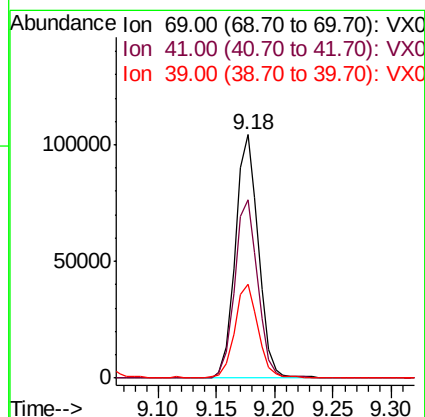
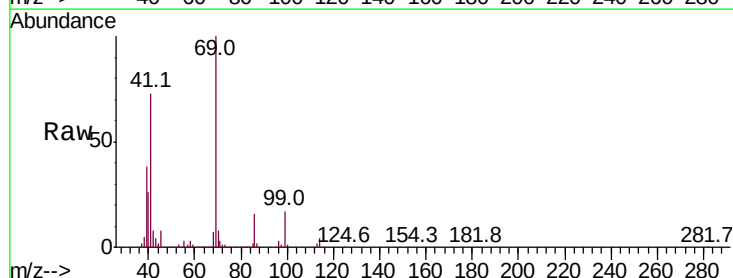
Manual Integrations  
APPROVED

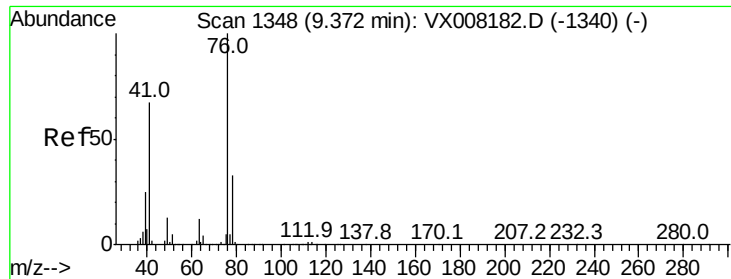
MMDadoda  
3/20/2019 10:28:32 AM



#56  
Ethyl methacrylate  
Concen: 19.803 ug/l  
RT: 9.18 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 72.9  | 54.2  | 81.4  |
| 39      | 38.3  | 25.0  | 37.4# |





#57

1,3-Dichloropropane

Concen: 20.683 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

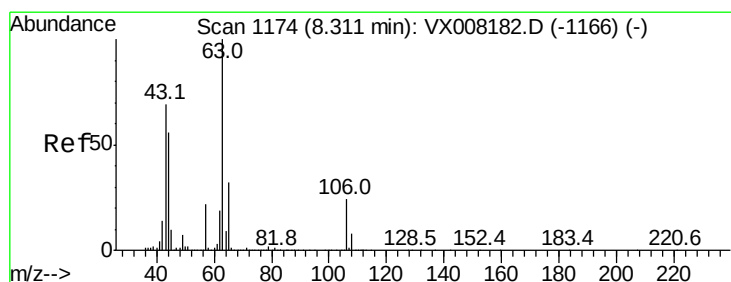
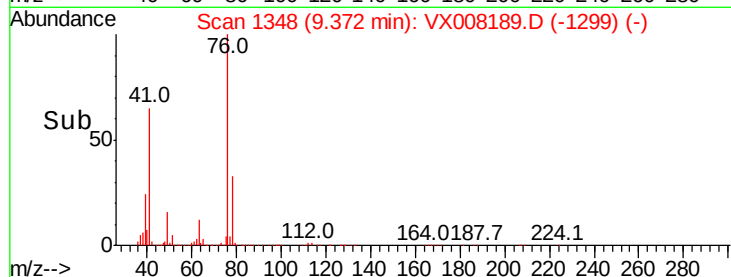
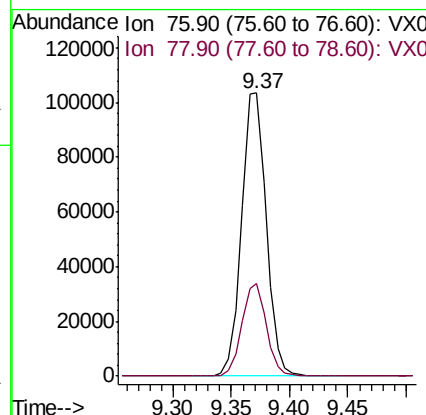
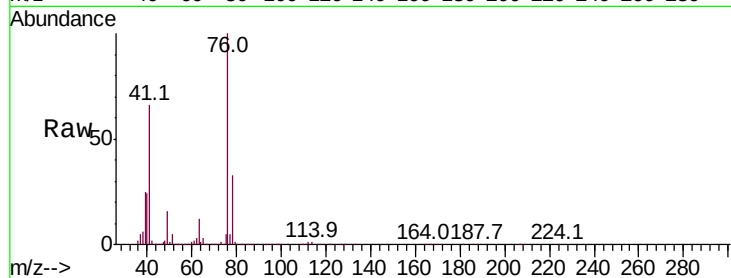
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

Tot Ion: 76 Resp: 153615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.5  | 25.5  | 38.3  |

Manual Integrations  
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MMDadoda  
3/20/2019 10:28:32 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.267 ug/l

RT: 8.31 min Scan# 1174

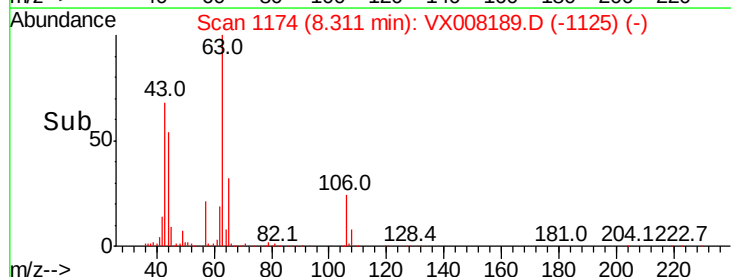
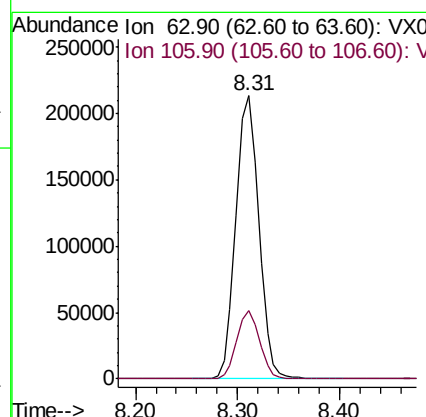
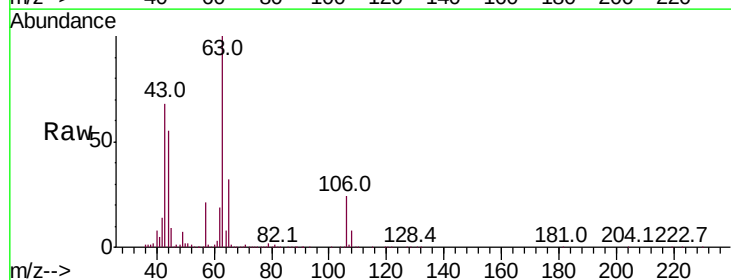
Delta R.T. -0.00 min

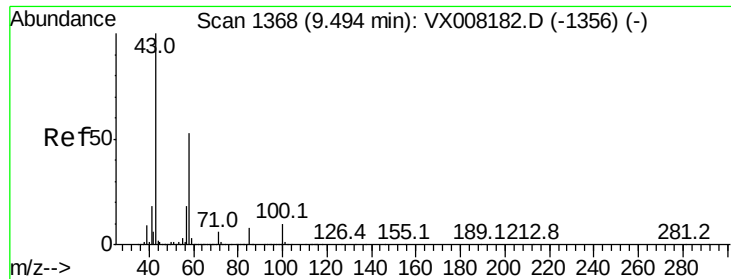
Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 63 Resp: 331152

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 24.2  | 22.2  | 33.2  |





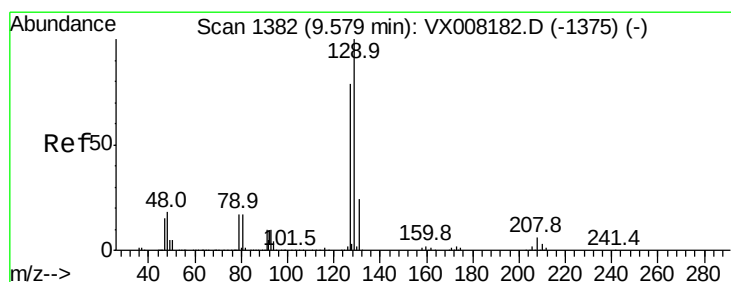
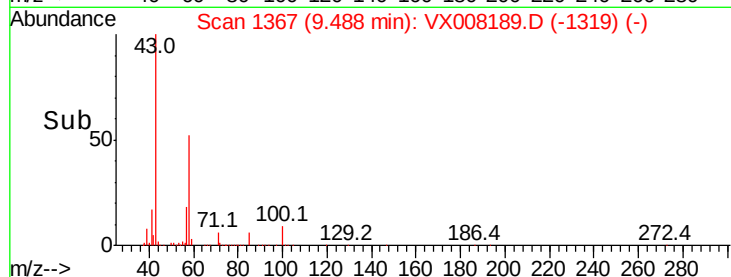
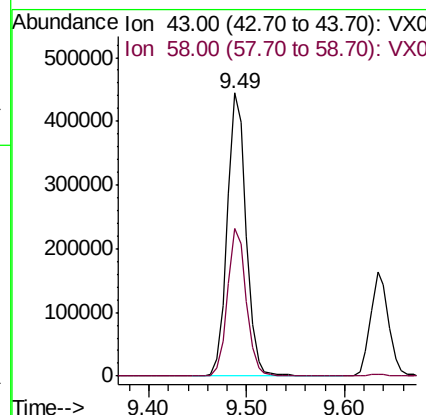
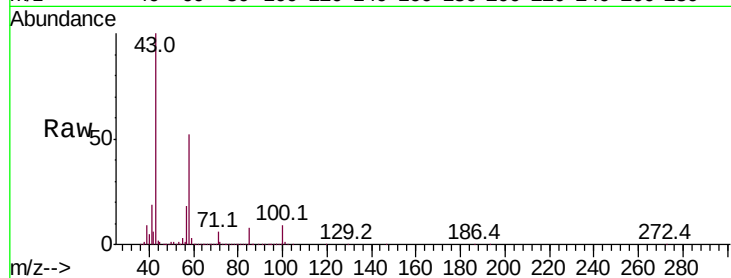
#59  
2-Hexanone  
Concen: 106.050 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 52.1  | 27.6  | 82.7  |

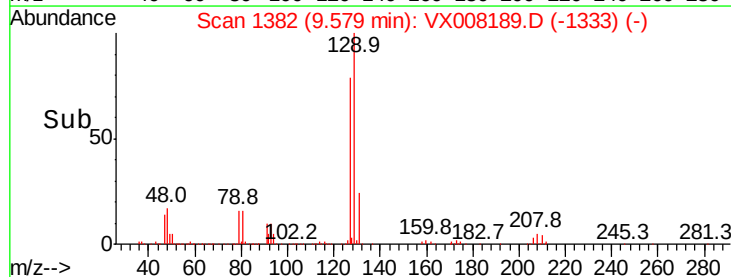
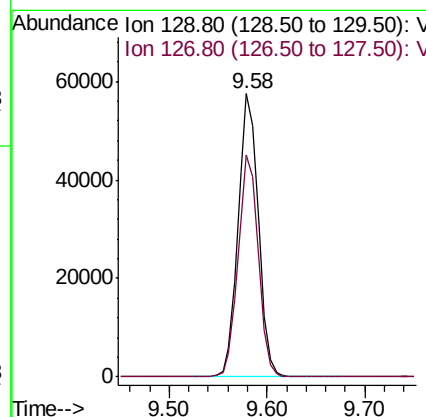
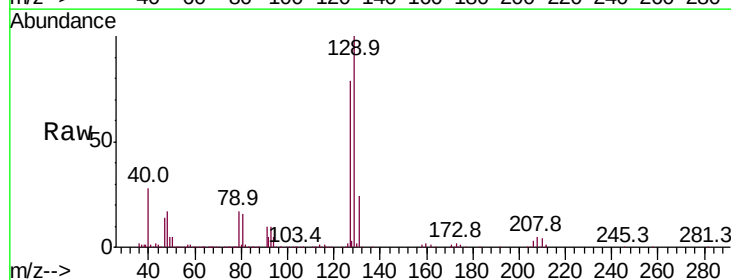
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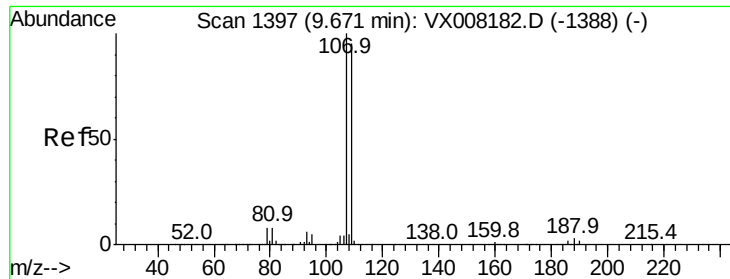
MMDadoda  
3/20/2019 10:28:32 AM



#60  
Dibromochloromethane  
Concen: 20.477 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.1  | 38.3  | 114.8 |





#61

1,2-Dibromoethane

Concen: 20.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion:107 Resp: 89332

Ion Ratio Lower Upper

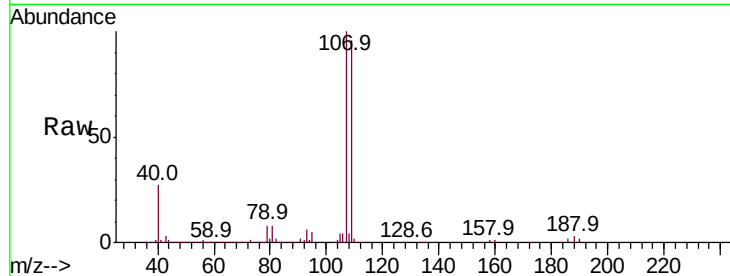
107 100

109 95.6 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

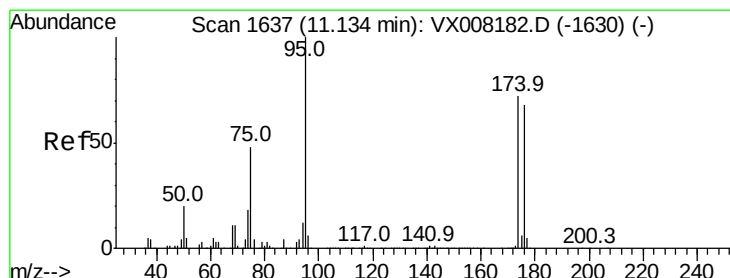
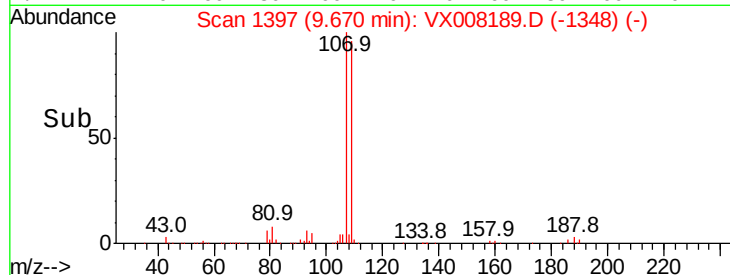
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.284 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

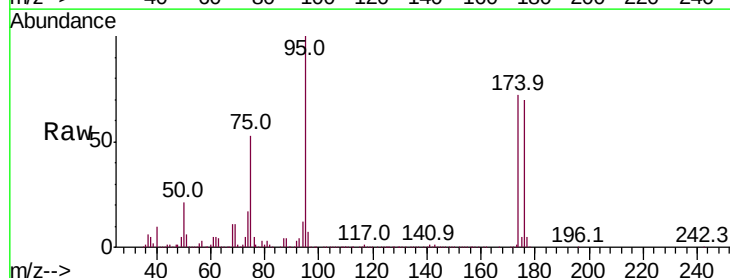
Tgt Ion: 95 Resp: 223359

Ion Ratio Lower Upper

95 100

174 76.9 0.0 182.8

176 74.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

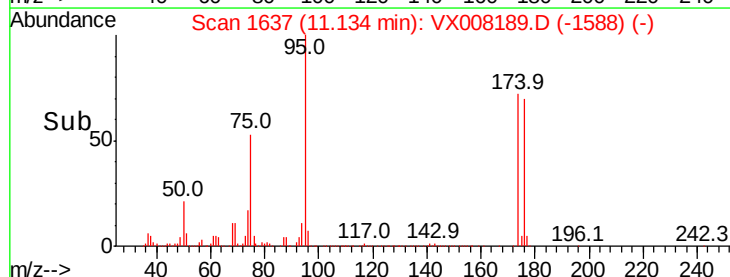
100000

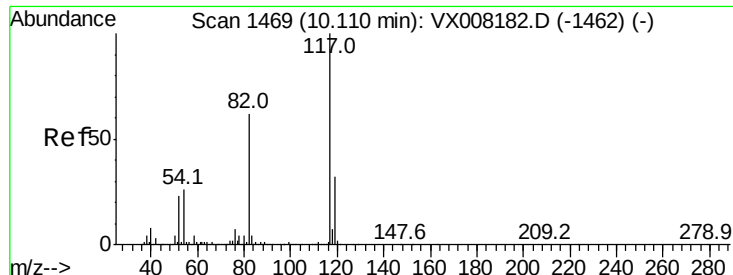
50000

0

Time-->

11.10 11.20





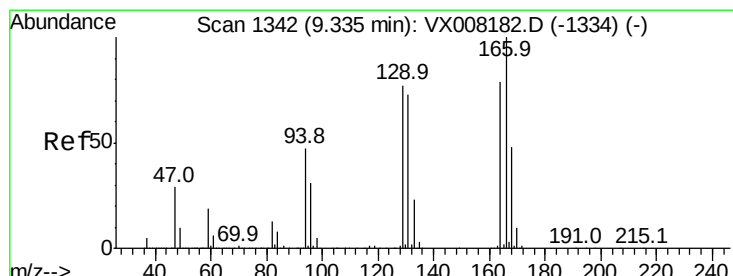
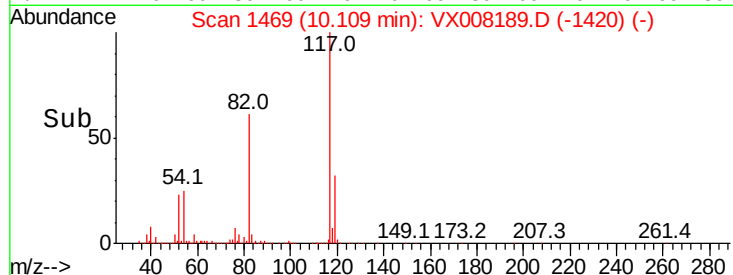
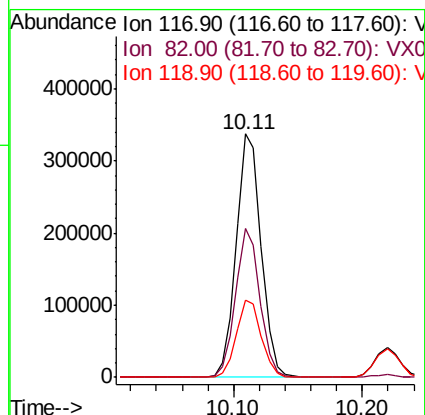
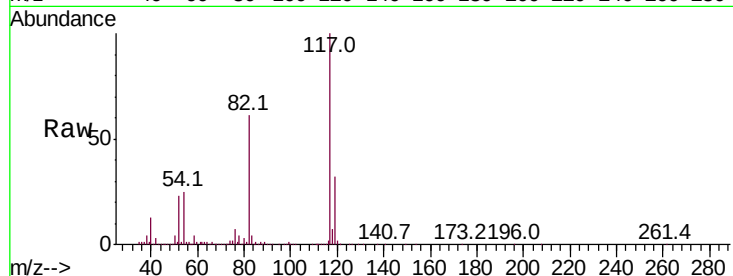
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 454700 |       |       |
| 82      | 61.0  | 44.3   | 66.5  |       |
| 119     | 31.9  | 25.3   | 37.9  |       |

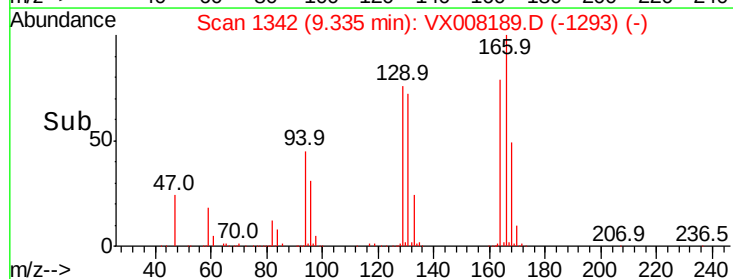
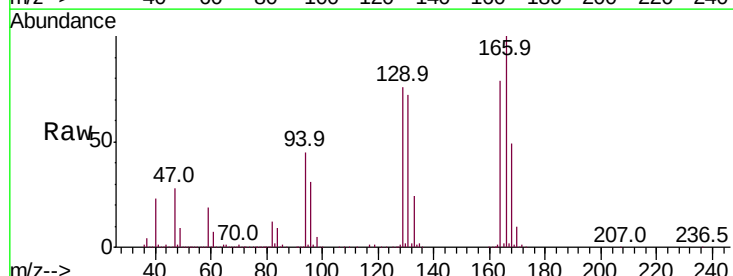
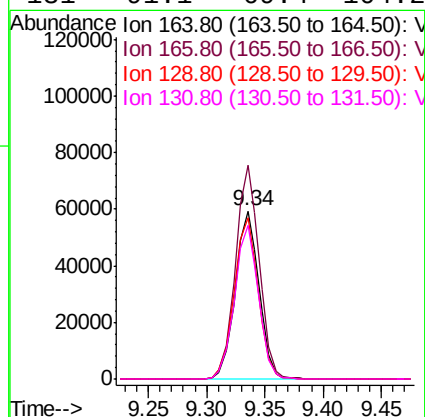
Manual Integrations  
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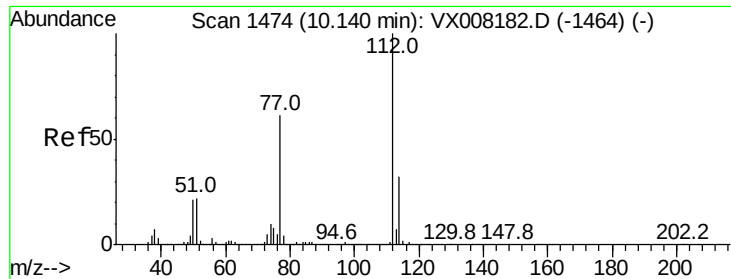
MMDadoda  
3/20/2019 10:28:32 AM



#64  
Tetrachloroethene  
Concen: 20.452 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 83901 |       |       |
| 166     | 127.0 | 103.4 | 155.0 |       |
| 129     | 96.1  | 72.2  | 108.4 |       |
| 131     | 91.1  | 69.4  | 104.2 |       |





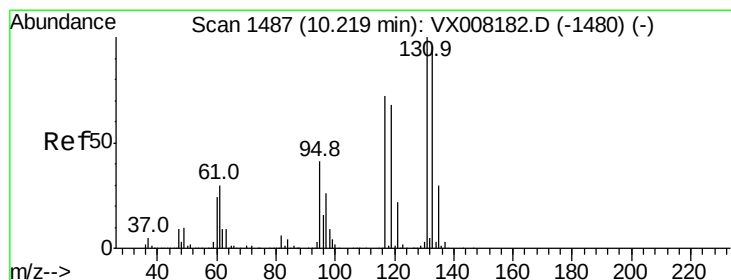
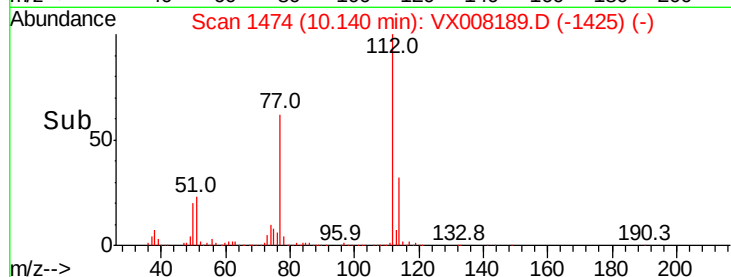
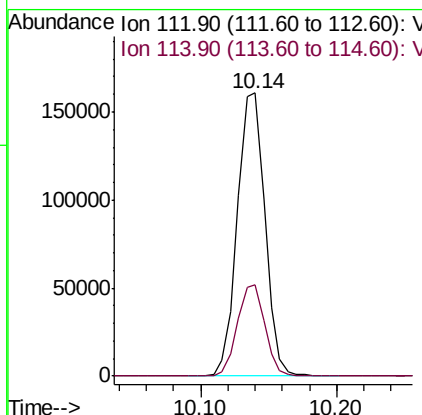
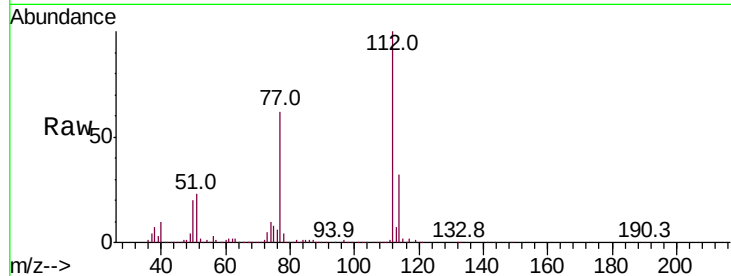
#65  
Chlorobenzene  
Concen: 20.385 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

Tot Ion:112 Resp: 228076  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.0 39.0

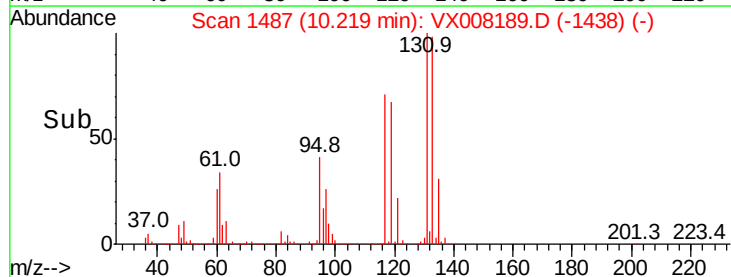
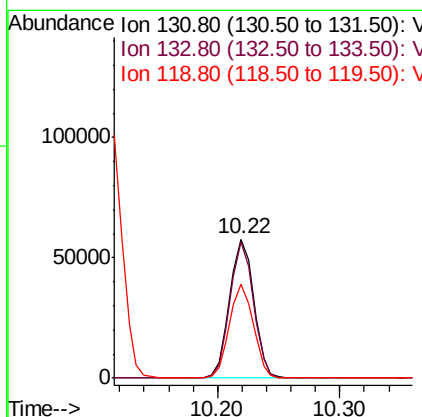
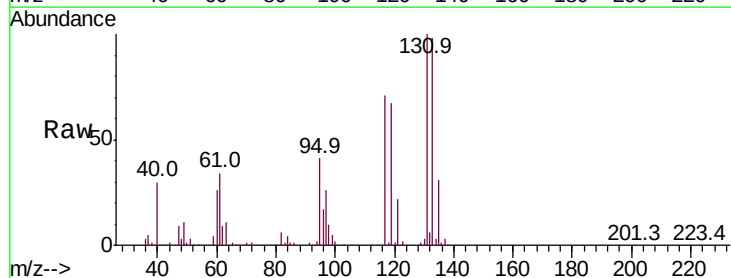
Manual Integrations  
APPROVED

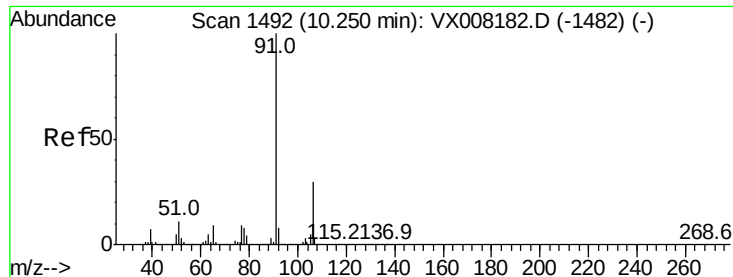
MMDadoda  
3/20/2019 10:28:32 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.241 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Tgt Ion:131 Resp: 78959  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.8 143.3  
119 66.9 32.5 97.5





#67

Ethyl Benzene

Concen: 20.762 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 91 Resp: 409350

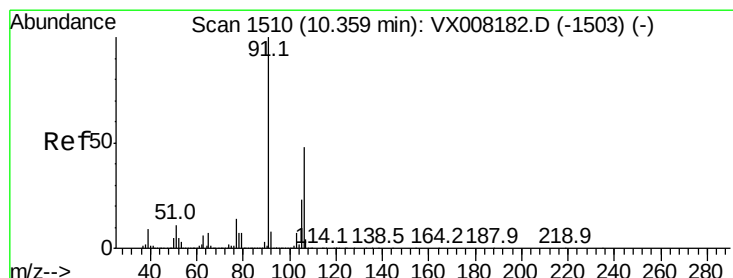
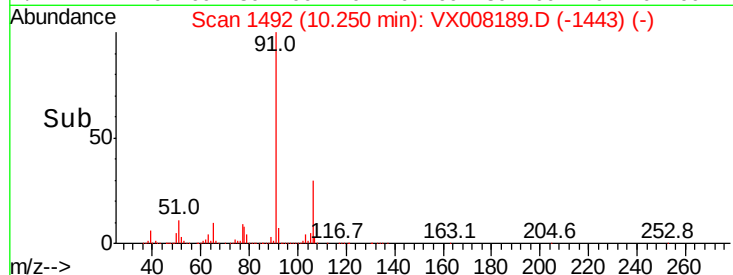
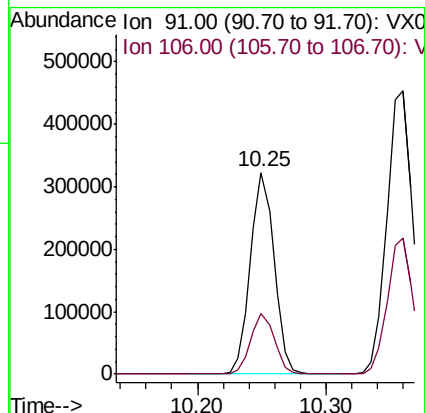
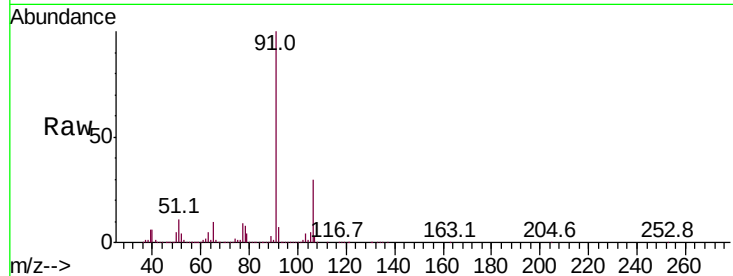
Ion Ratio Lower Upper

91 100

106 30.4 25.2 37.8

Manual Integrations  
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3/20/2019 10:28:32 AM



#68

m/p-Xylenes

Concen: 41.337 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008189.D

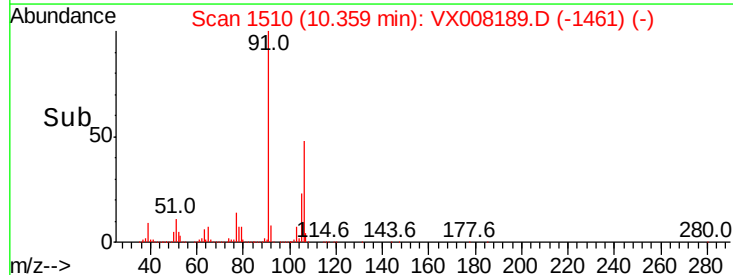
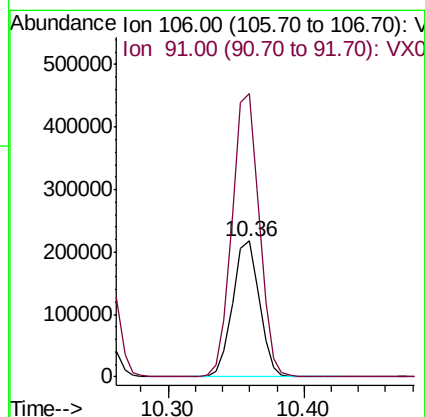
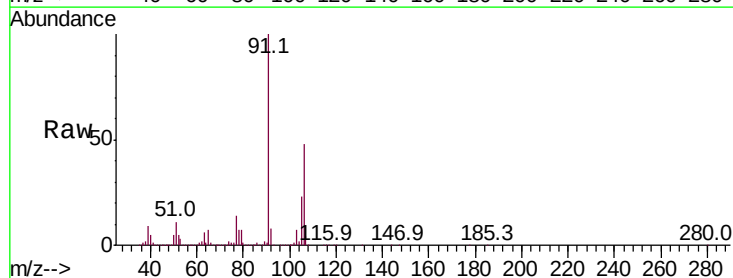
Acq: 19 Mar 2019 14:16

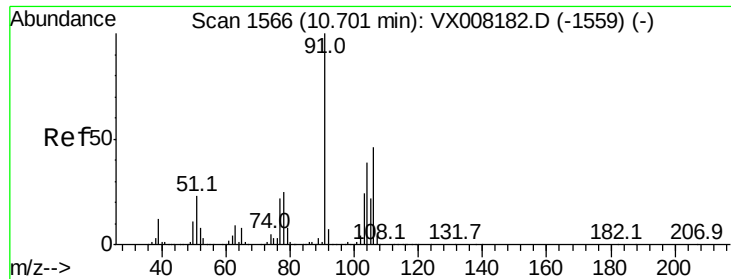
Tgt Ion: 106 Resp: 299382

Ion Ratio Lower Upper

106 100

91 211.0 159.8 239.6





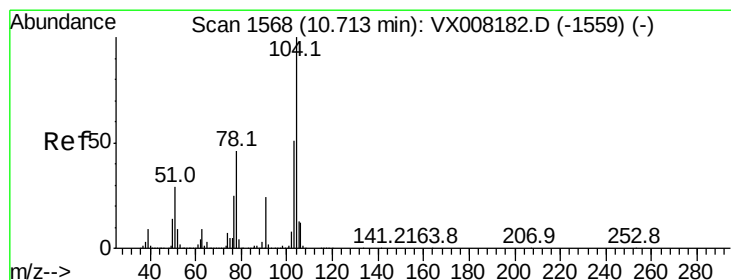
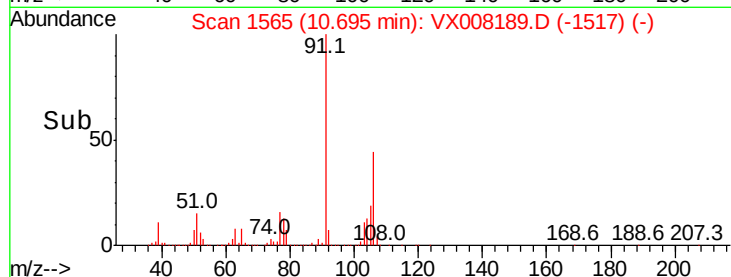
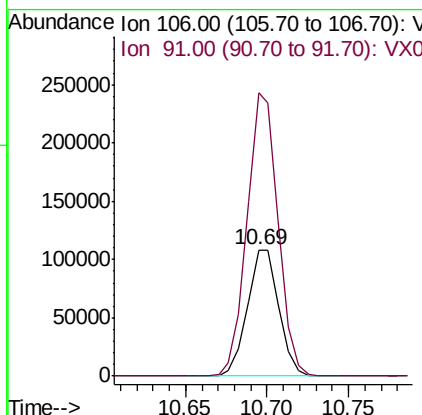
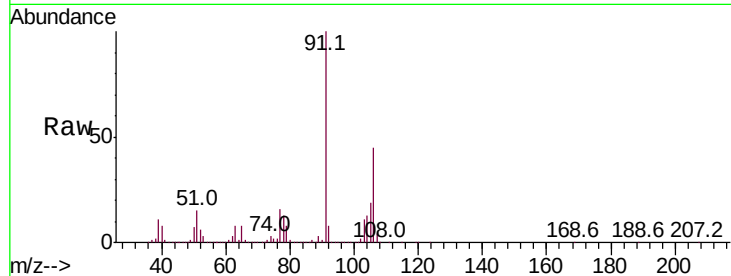
#69  
o-Xylene  
Concen: 20.677 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0319WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 145515 |       |       |
| 91      | 221.0 | 106.3  | 318.9 |       |

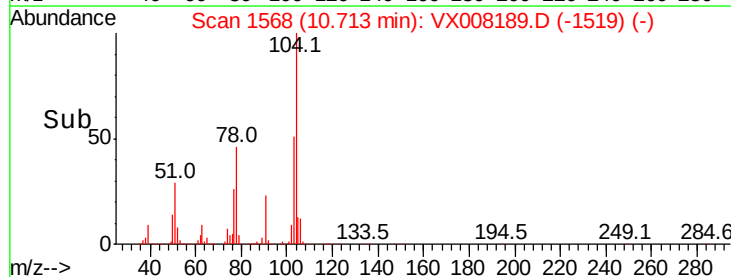
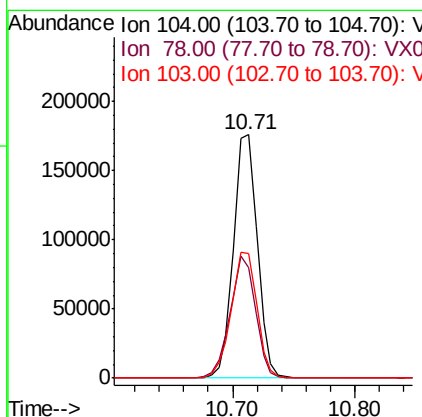
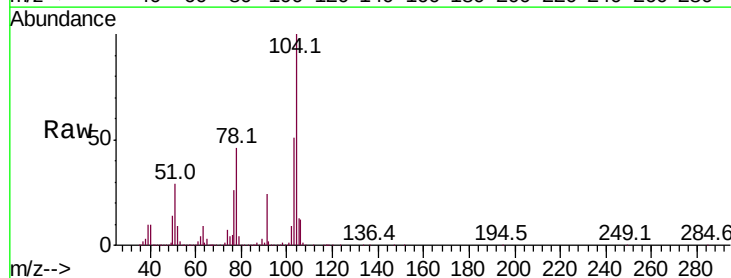
Manual Integrations  
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MMDadoda  
3/20/2019 10:28:32 AM

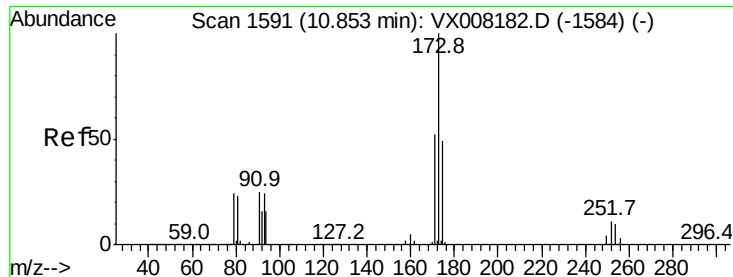


#70  
Styrene  
Concen: 20.676 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 236478 |       |       |
| 78      | 53.5  | 38.5   | 57.7  |       |
| 103     | 56.3  | 44.1   | 66.1  |       |







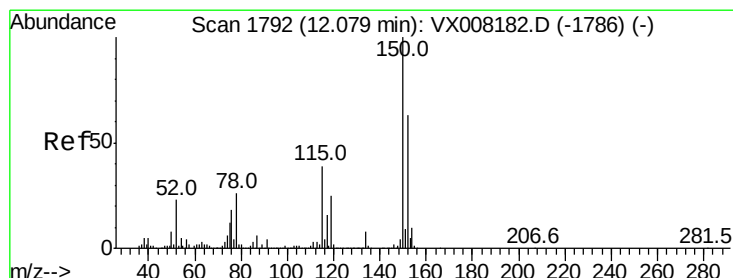
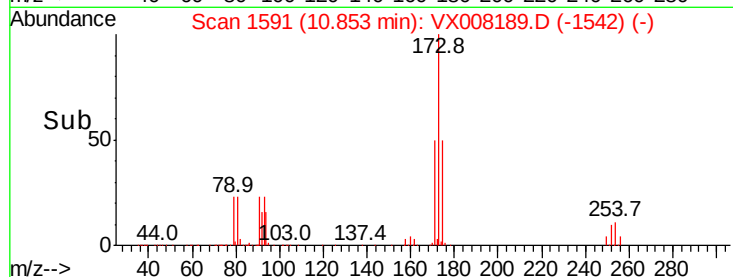
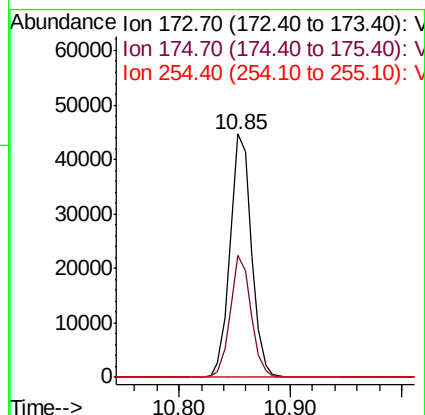
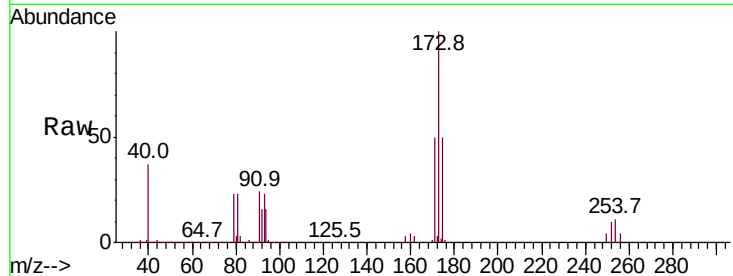
#71  
Bromoform  
Concen: 19.139 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.7  | 24.3  | 72.9  |
| 254     | 0.2   | 0.1   | 0.1#  |

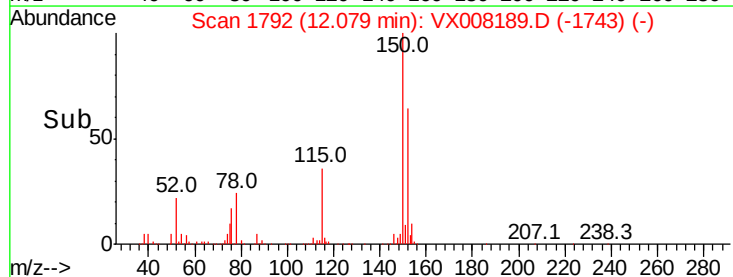
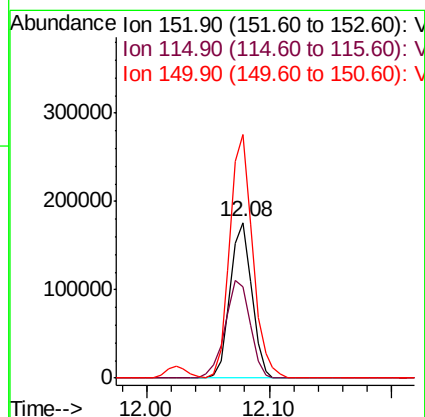
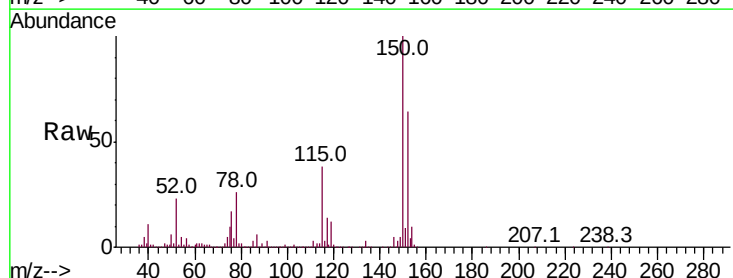
Manual Integrations  
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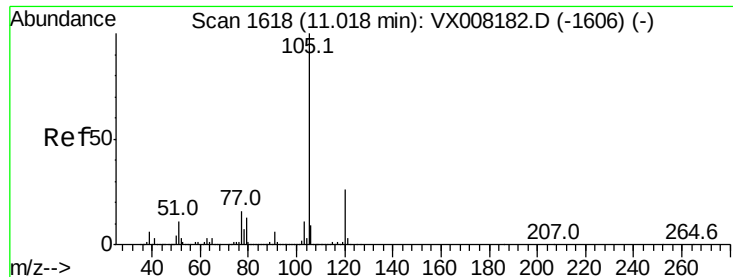
MMDadoda  
3/20/2019 10:28:32 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 73.0  | 38.6  | 115.7 |
| 150     | 164.9 | 0.0   | 348.4 |





#73

Isopropylbenzene

Concen: 20.741 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion:105 Resp: 397574

Ion Ratio Lower Upper

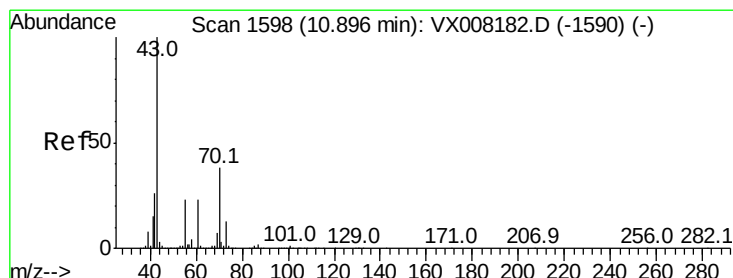
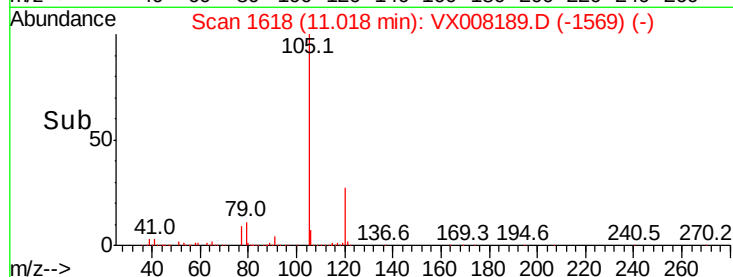
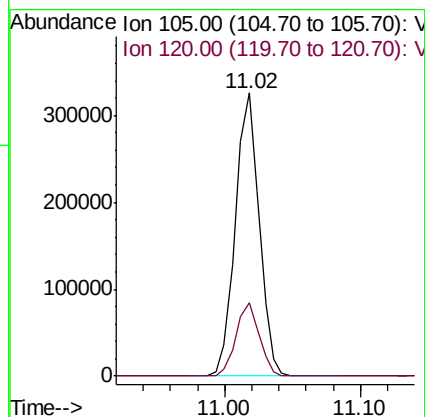
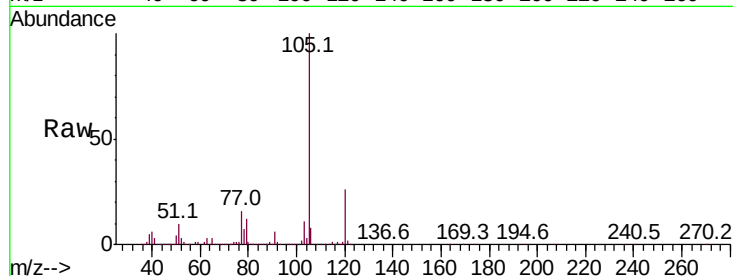
105 100

120 25.6 13.4 40.1

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#74

N-ethyl acetate

Concen: 20.189 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 202753

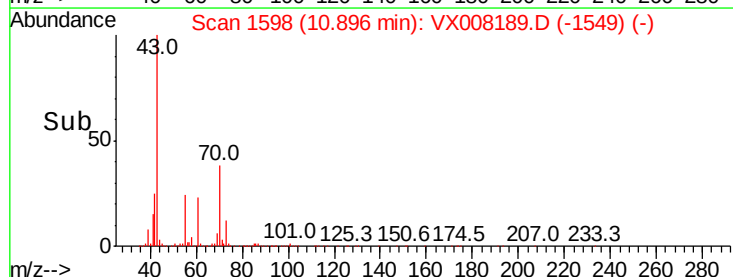
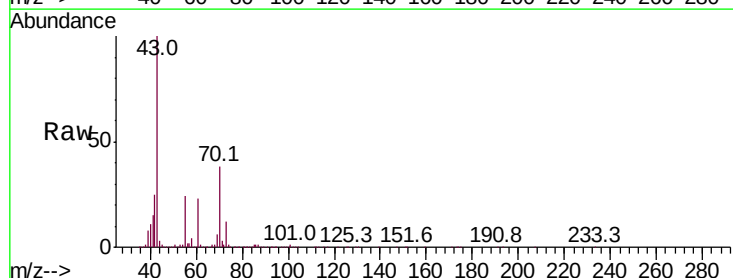
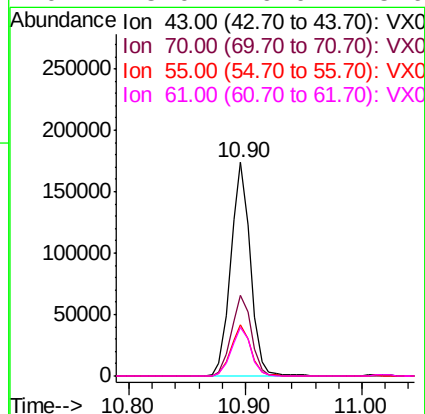
Ion Ratio Lower Upper

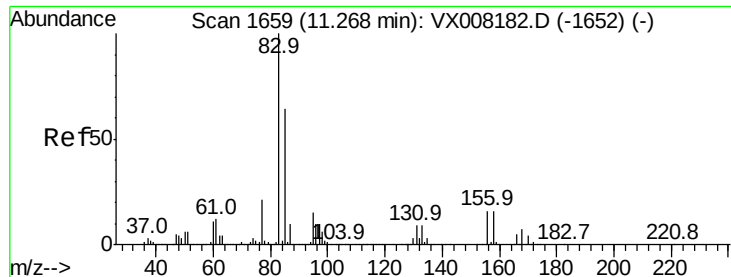
43 100

70 38.9 33.5 50.3

55 24.2 19.2 28.8

61 23.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

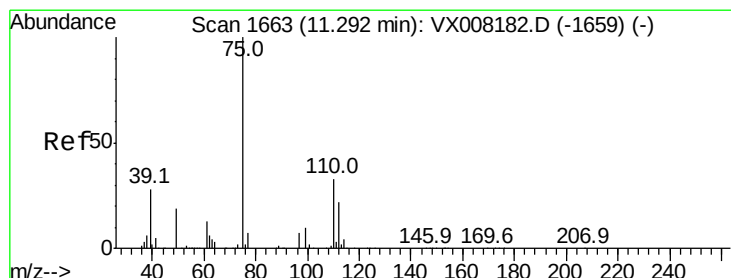
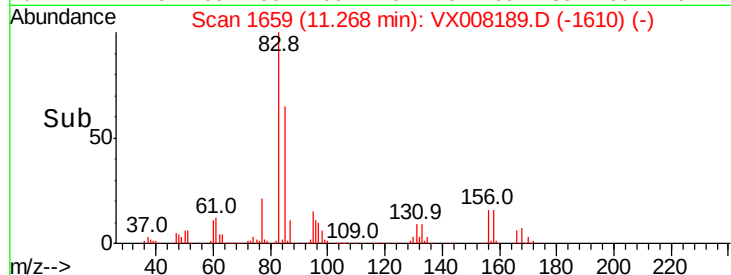
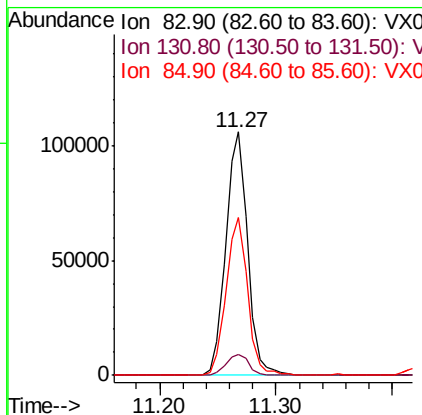
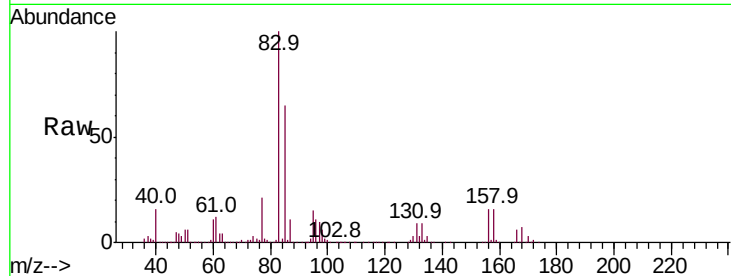
ClientSampleId :

VX0319WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 137462 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.0   | 5.4   | 16.2   |
| 85        | 64.4  | 32.3  | 96.8   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.826 ug/l m

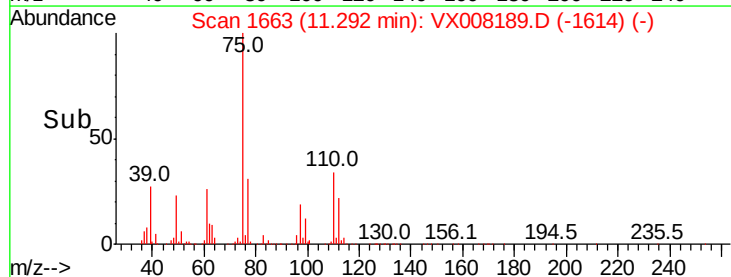
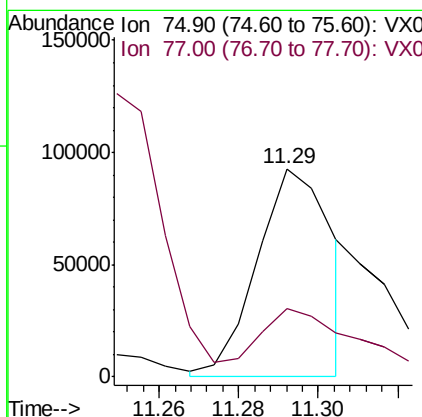
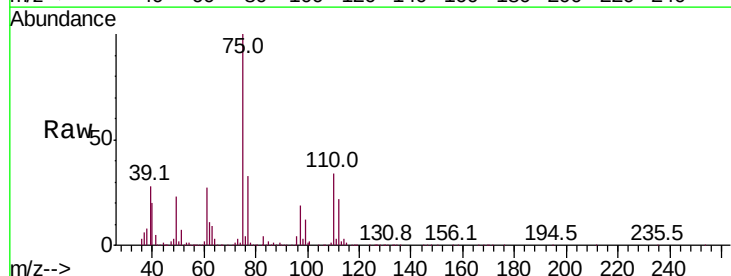
RT: 11.29 min Scan# 1663

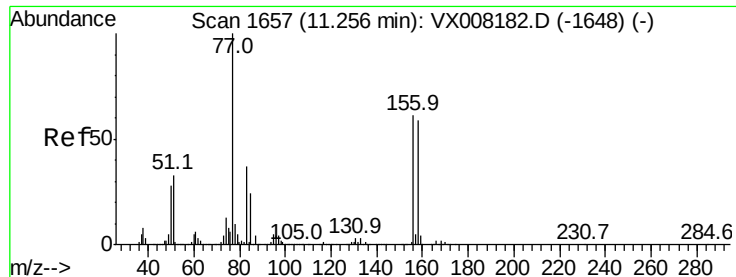
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 119917 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 44.1  | 18.9  | 56.7   |





#77

Bromobenzene

Concen: 20.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion:156 Resp: 93481

Ion Ratio Lower Upper

156 100

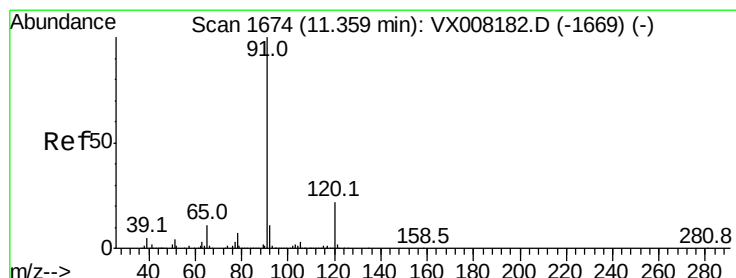
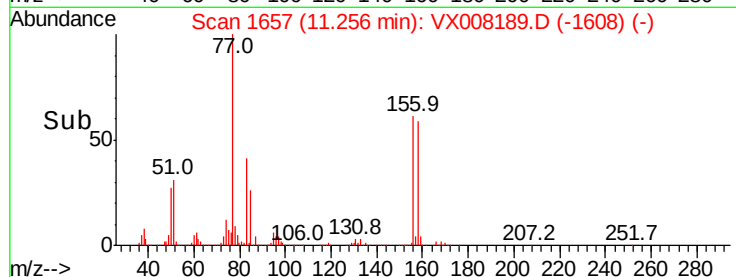
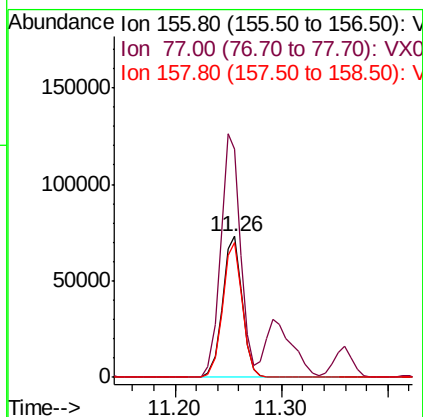
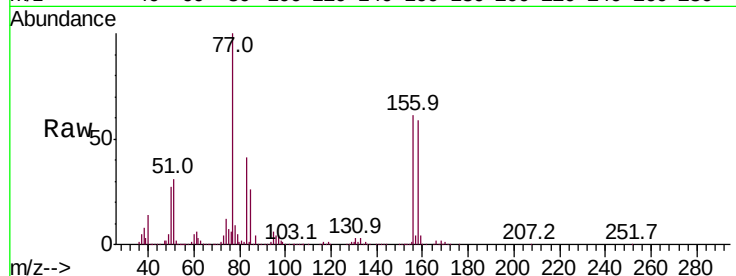
77 174.2 72.0 215.9

158 96.2 48.6 145.9

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#78

n-propylbenzene

Concen: 20.907 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008189.D

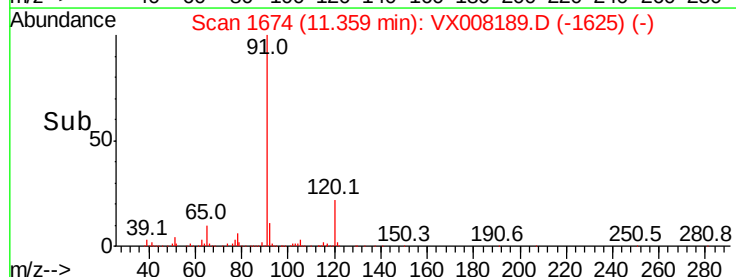
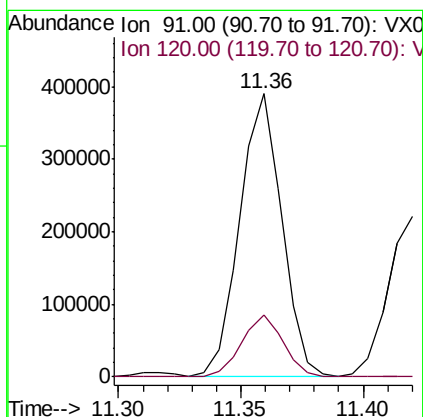
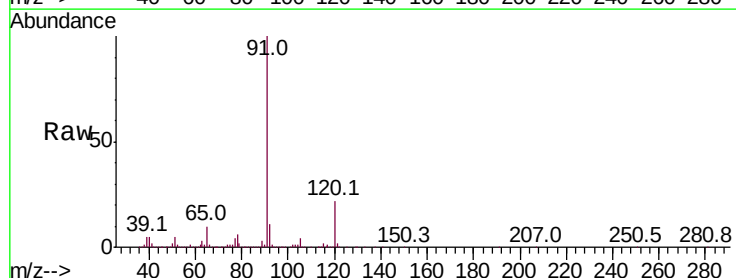
Acq: 19 Mar 2019 14:16

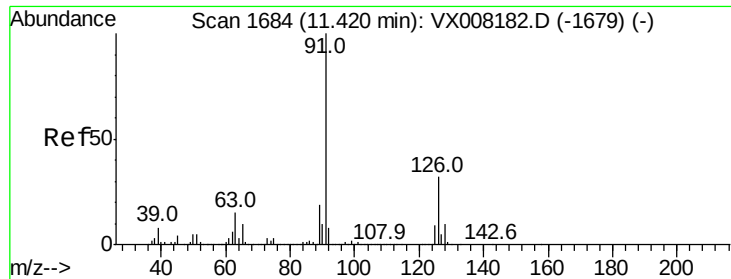
Tgt Ion: 91 Resp: 465463

Ion Ratio Lower Upper

91 100

120 21.7 12.0 36.0





#79

2-Chlorotoluene

Concen: 20.503 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion: 91 Resp: 273972

Ion Ratio Lower Upper

91 100

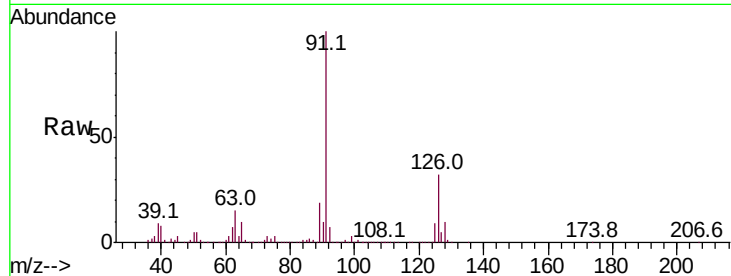
126 32.2 17.5 52.6

Manual Integrations

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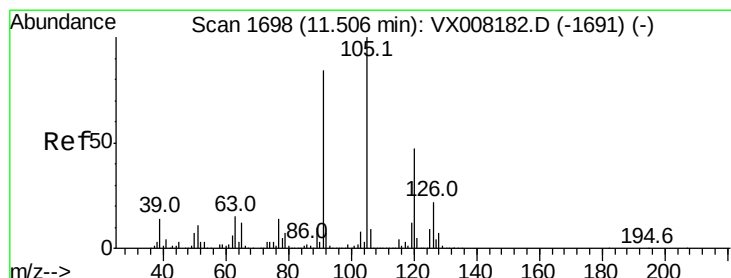
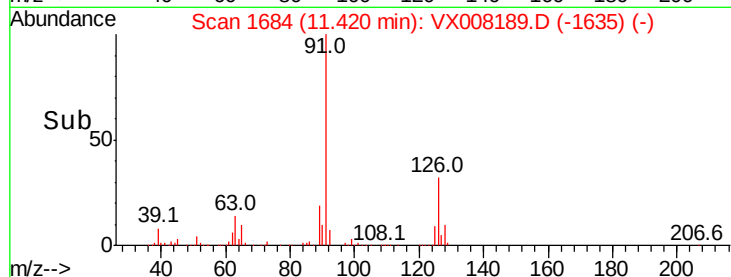
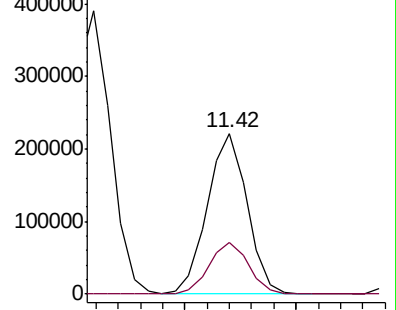
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.855 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008189.D

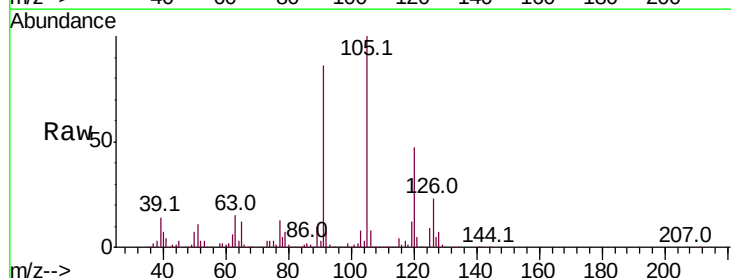
Acq: 19 Mar 2019 14:16

Tgt Ion:105 Resp: 330252

Ion Ratio Lower Upper

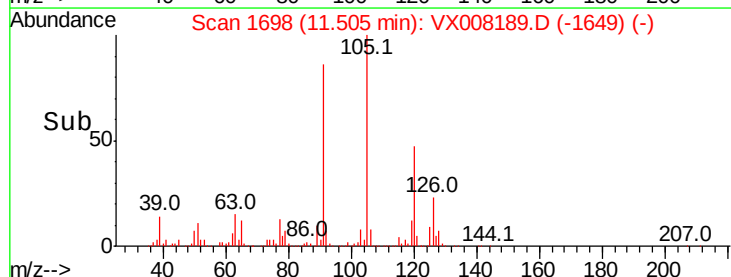
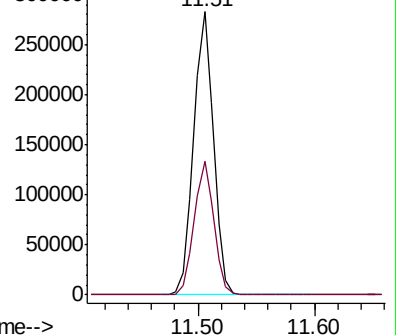
105 100

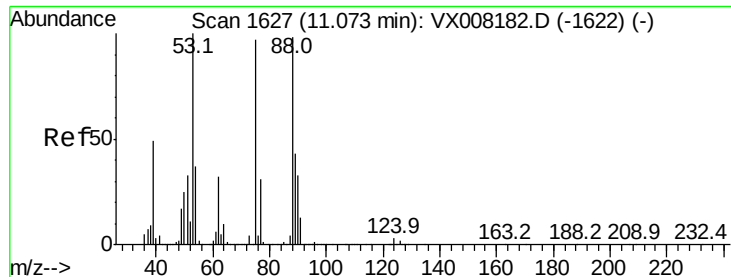
120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





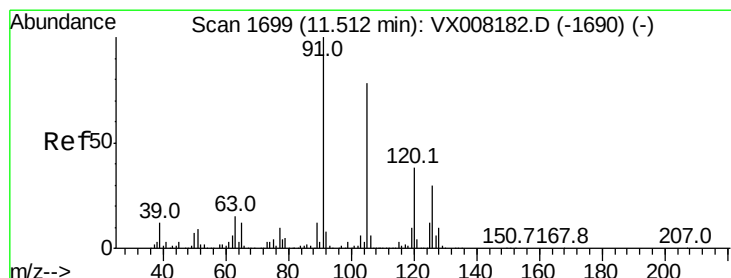
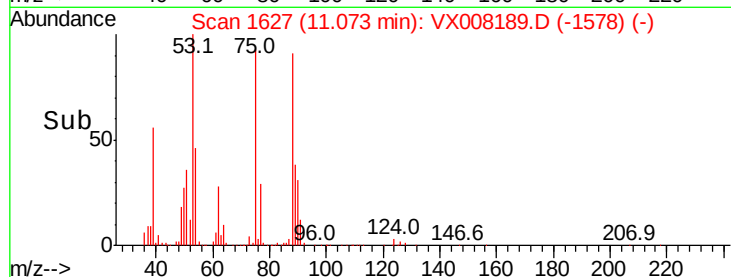
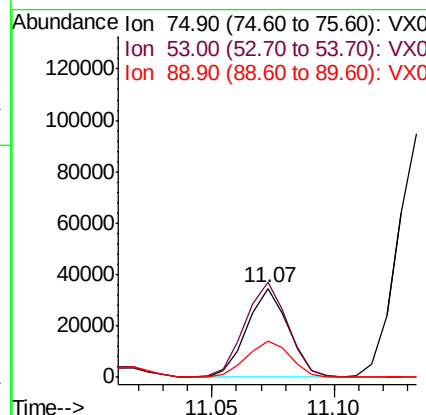
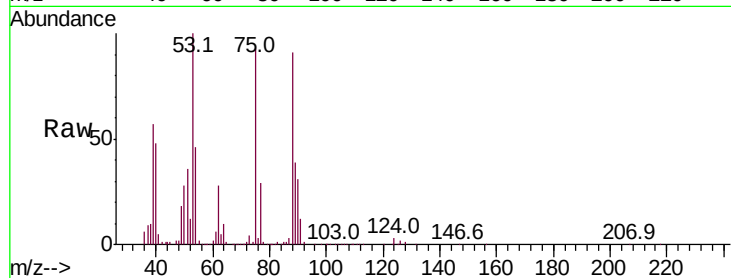
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.263 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WS01

Tot Ion: 75 Resp: 41103  
Ion Ratio Lower Upper  
75 100  
53 110.5 76.1 114.1  
89 44.0 36.3 54.5

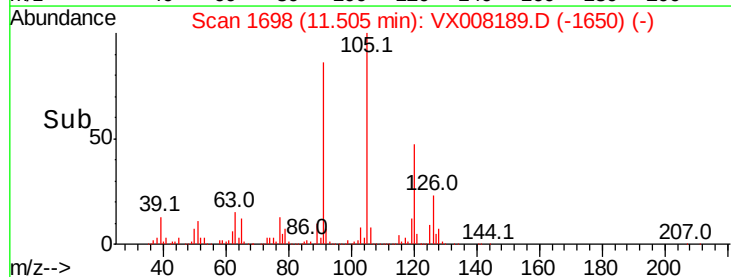
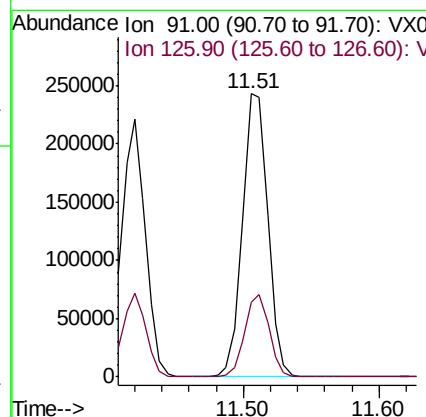
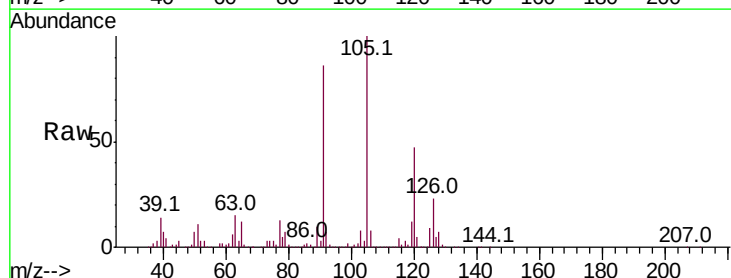
Manual Integrations  
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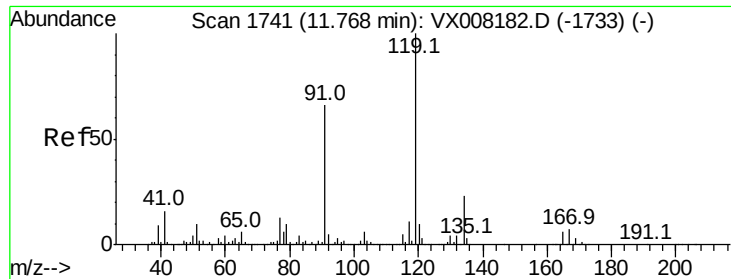
MMDadoda  
3/20/2019 10:28:32 AM



#82  
4-Chlorotoluene  
Concen: 20.337 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Tgt Ion: 91 Resp: 316235  
Ion Ratio Lower Upper  
91 100  
126 28.2 15.6 46.8





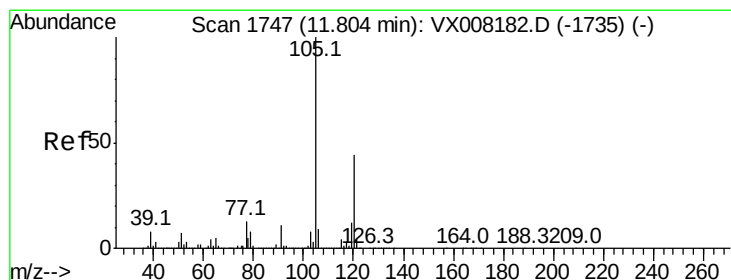
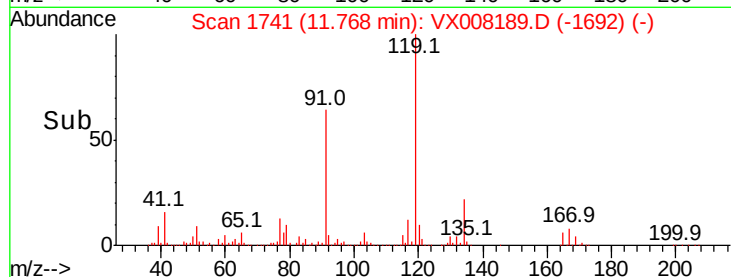
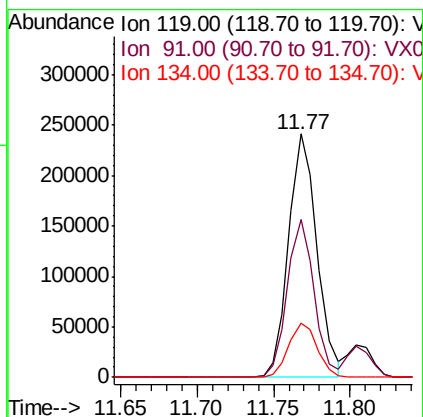
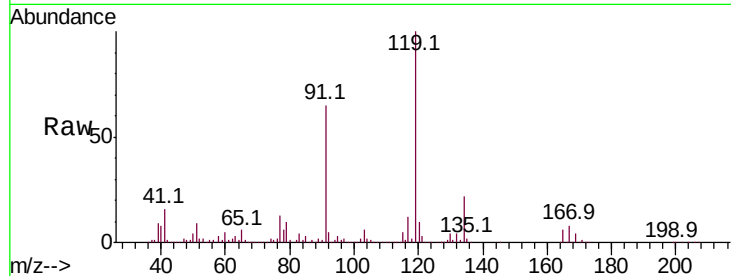
#83  
tert-Butylbenzene  
Concen: 20.430 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 308887 |       |       |
| 91      | 61.8  |        | 27.1  | 81.3  |
| 134     | 22.5  |        | 11.4  | 34.1  |

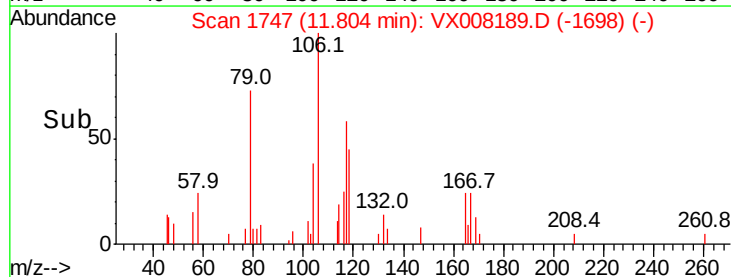
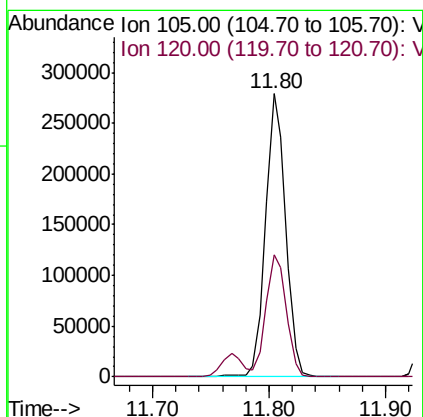
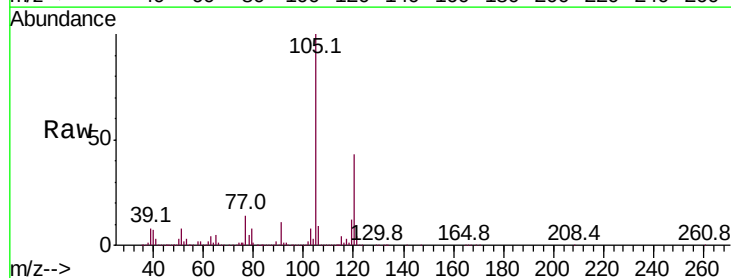
Manual Integrations  
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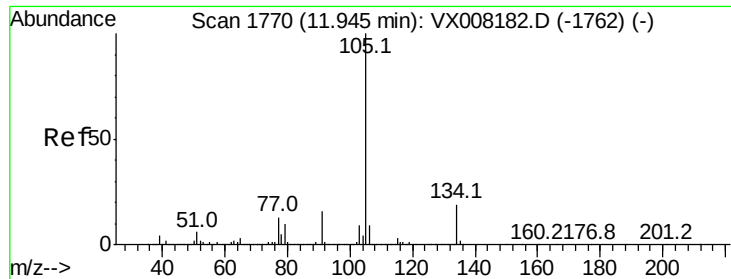
MMDadoda  
3/20/2019 10:28:32 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.728 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 332777 |       |       |
| 120     | 43.5  |        | 22.6  | 67.7  |





#85

sec-Butylbenzene

Concen: 21.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

ClientSampleId :

VX0319WBS01

Tot Ion:105 Resp: 395449

Ion Ratio Lower Upper

105 100

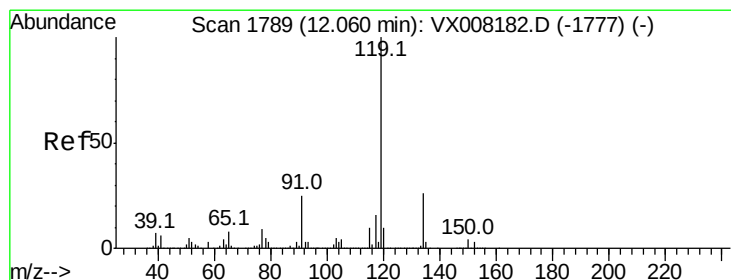
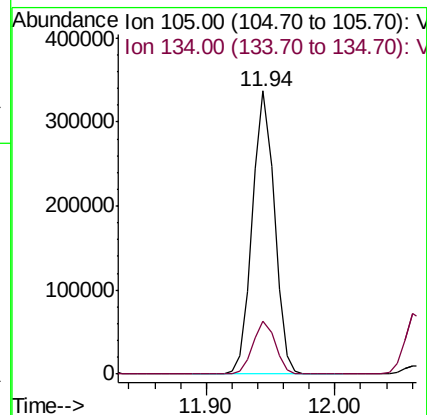
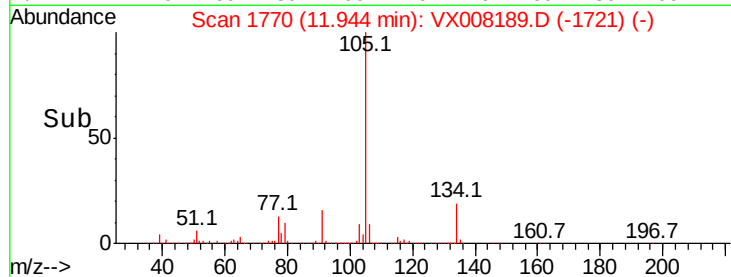
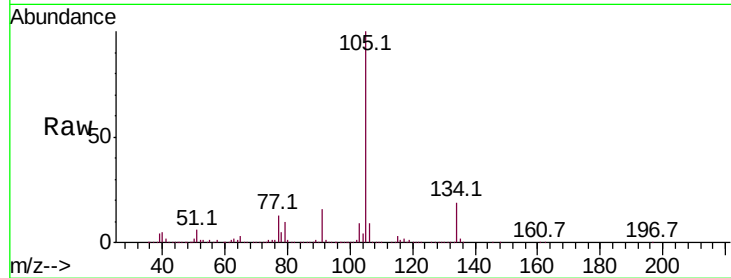
134 19.0 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.151 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

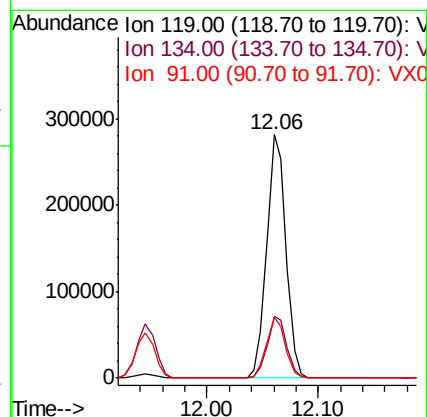
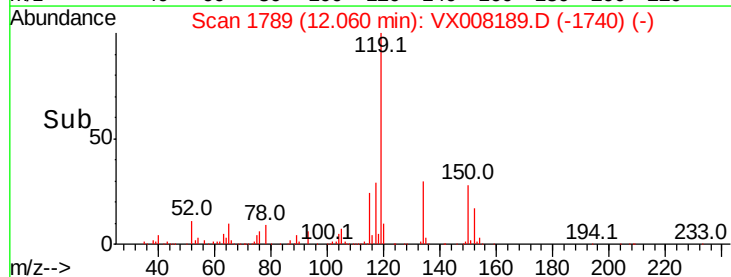
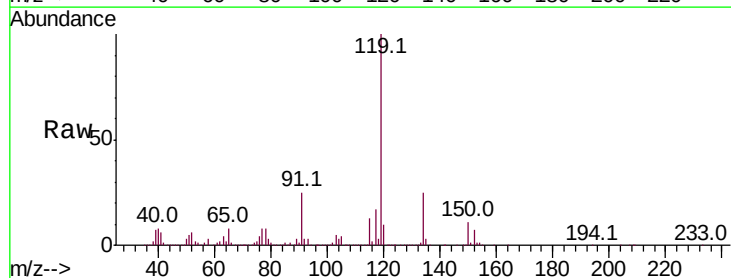
Tgt Ion:119 Resp: 342789

Ion Ratio Lower Upper

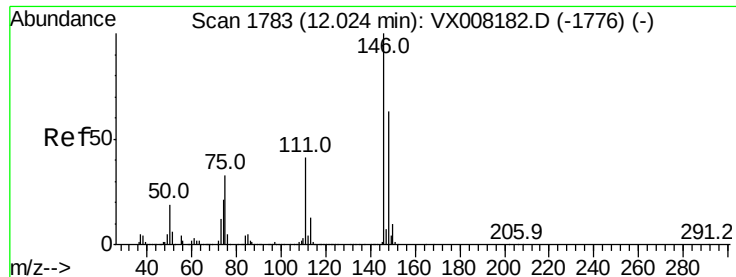
119 100

134 25.6 13.3 39.9

91 24.5 10.9 32.7







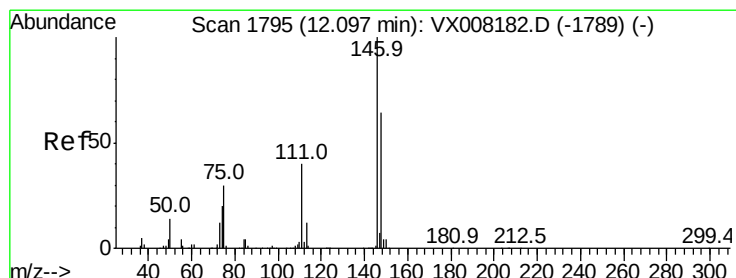
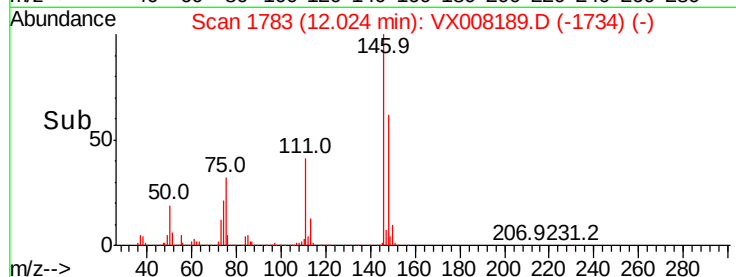
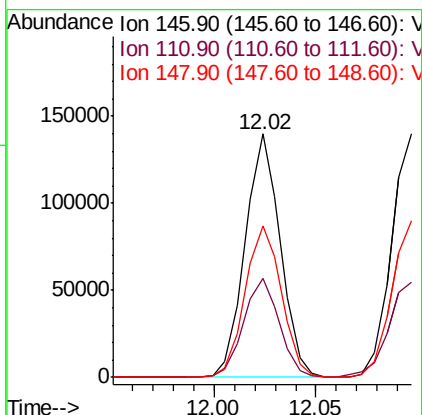
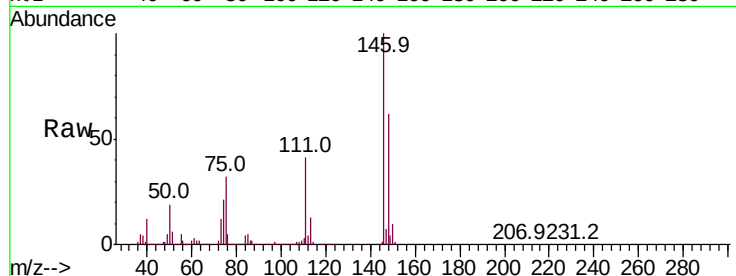
#87  
 1,3-Dichlorobenzene  
 Concen: 20.284 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008189.D  
 Acq: 19 Mar 2019 14:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0319WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 168001 |       |       |
| 111     | 41.2  | 18.9   | 56.7  |       |
| 148     | 64.1  | 31.7   | 95.1  |       |

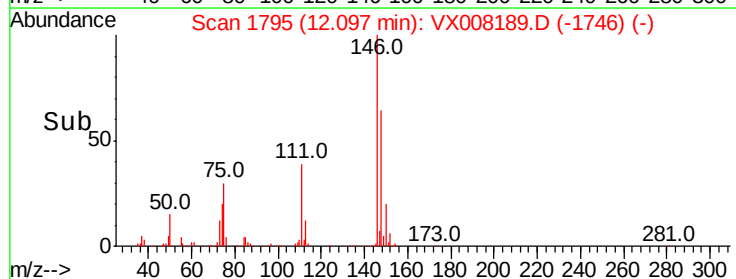
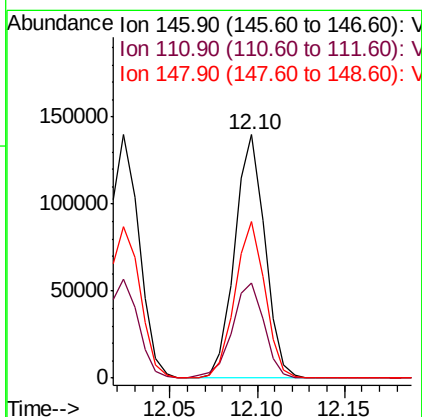
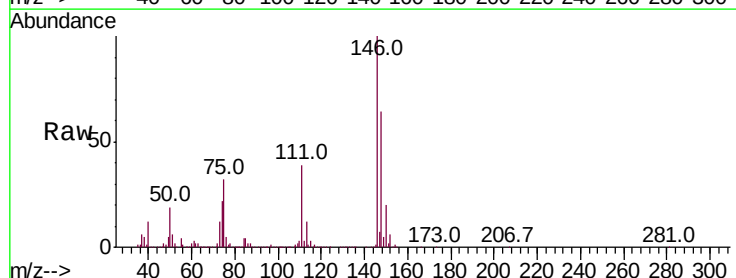
Manual Integrations  
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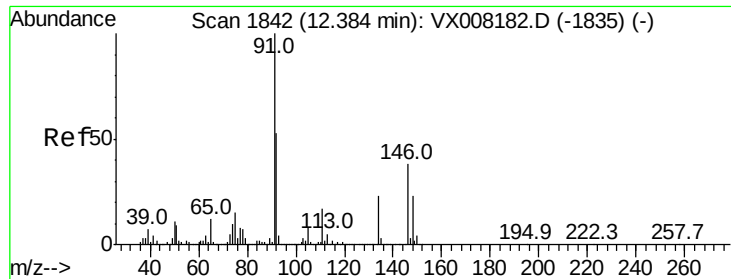
MMDadoda  
 3/20/2019 10:28:32 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.564 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008189.D  
 Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 167607 |       |       |
| 111     | 41.5  | 18.4   | 55.0  |       |
| 148     | 64.3  | 32.2   | 96.6  |       |





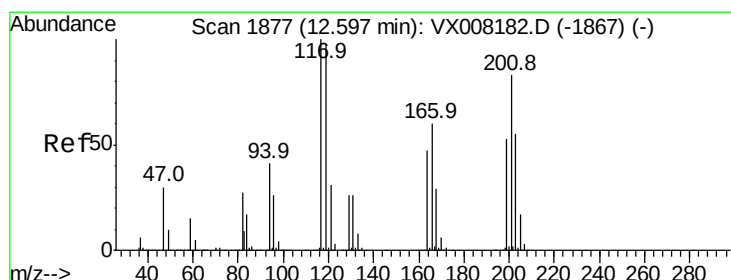
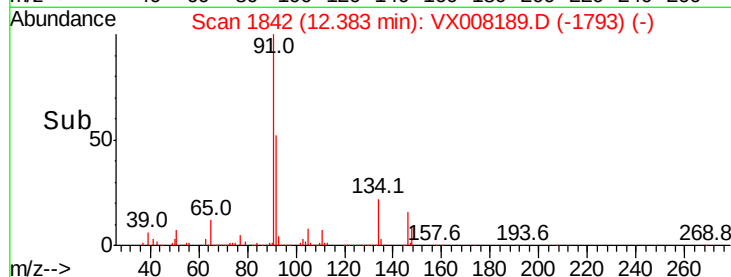
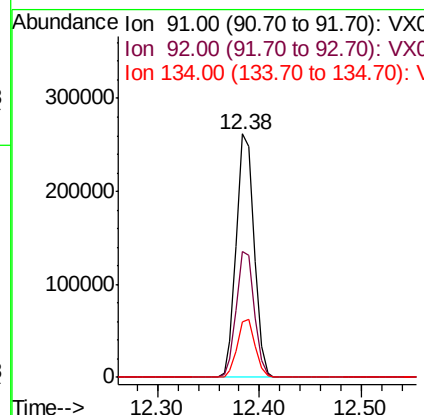
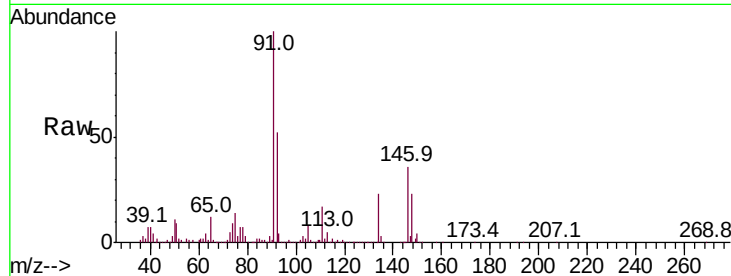
#89  
n-Butylbenzene  
Concen: 20.778 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 52.1  | 27.0 | 80.8  |       |
| 134     | 23.5  | 13.7 | 41.0  |       |

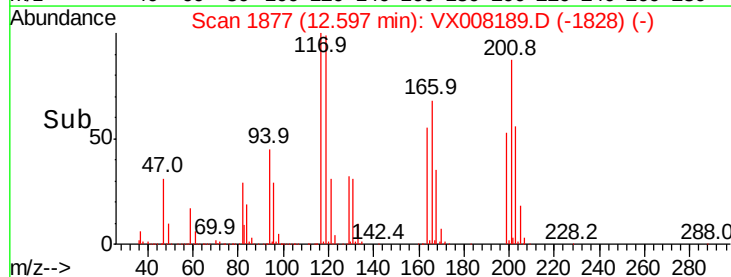
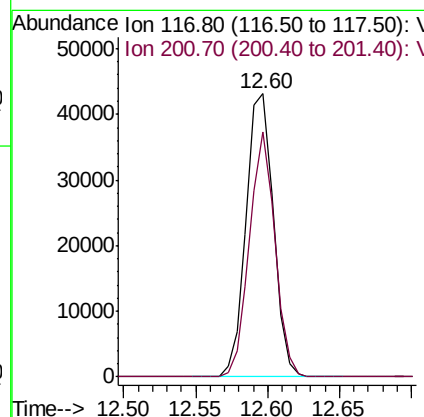
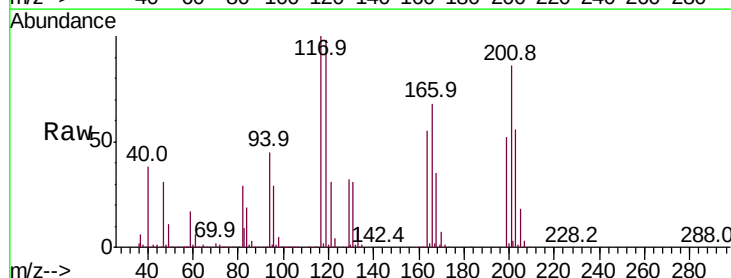
Manual Integrations  
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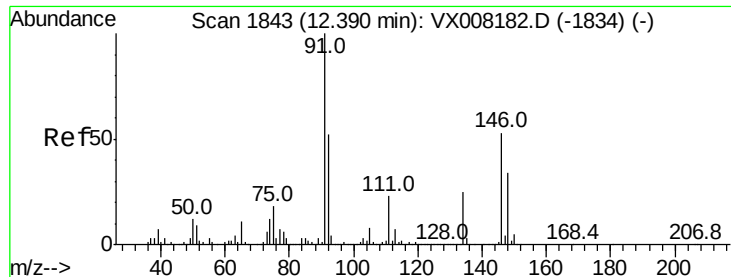
MMDadoda  
3/20/2019 10:28:32 AM



#90  
Hexachloroethane  
Concen: 20.636 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 80.0  | 48.9 | 146.7 |       |





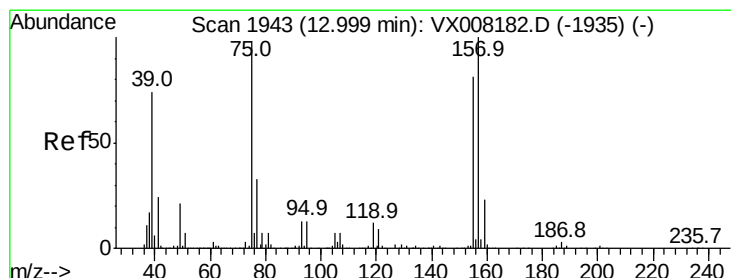
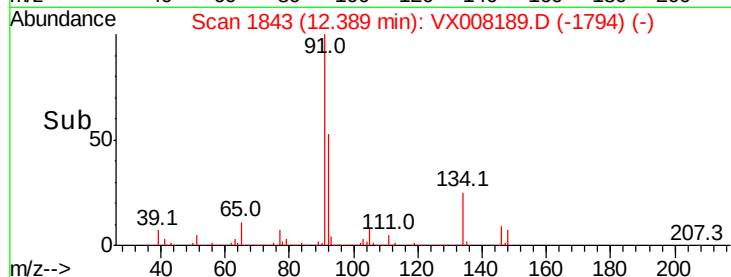
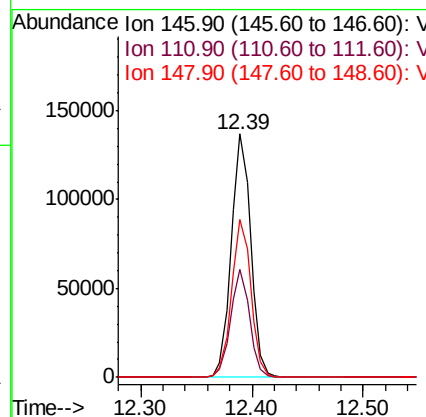
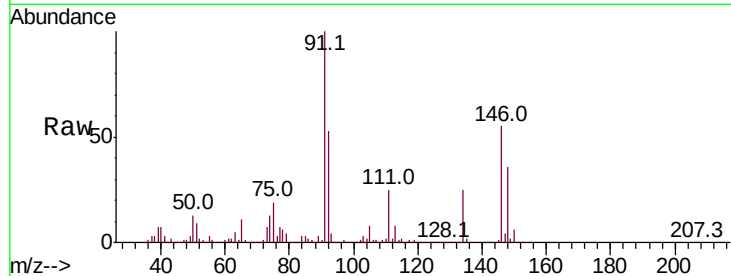
#91  
1,2-Dichlorobenzene  
Concen: 19.842 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0319WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 19.6  | 58.8  |
| 148     | 64.5  | 31.9  | 95.5  |

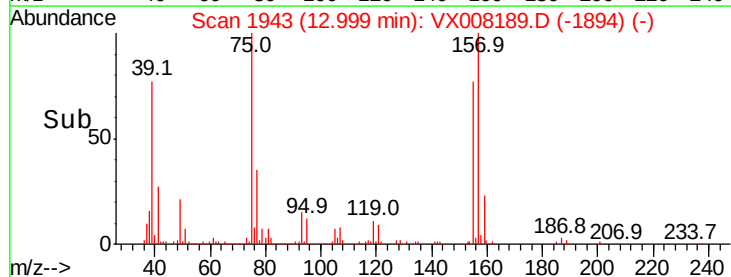
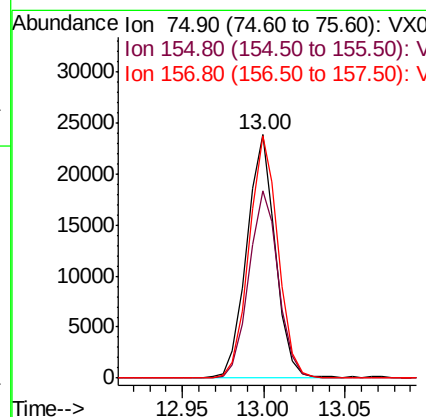
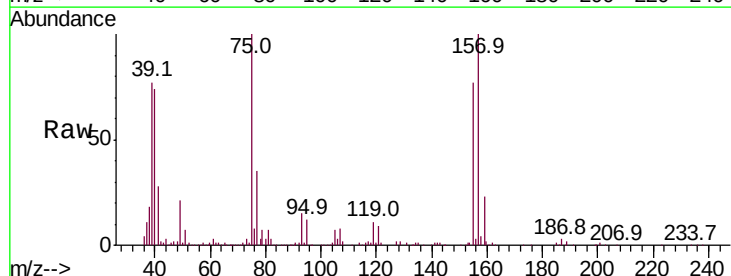
Manual Integrations  
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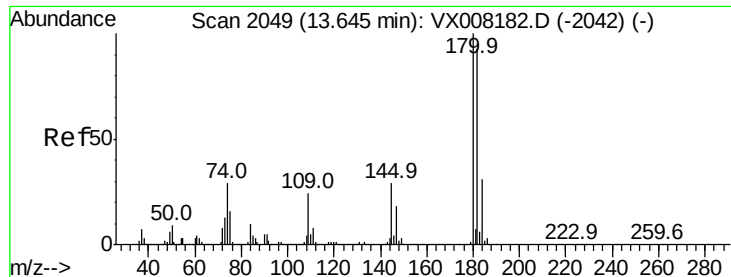
MMDadoda  
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.045 ug/l  
RT: 13.00 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VX008189.D  
Acq: 19 Mar 2019 14:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.2  | 49.7  | 149.1 |
| 157     | 101.1 | 63.8  | 191.4 |





#93

1,2,4-Trichlorobenzene

Concen: 20.094 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

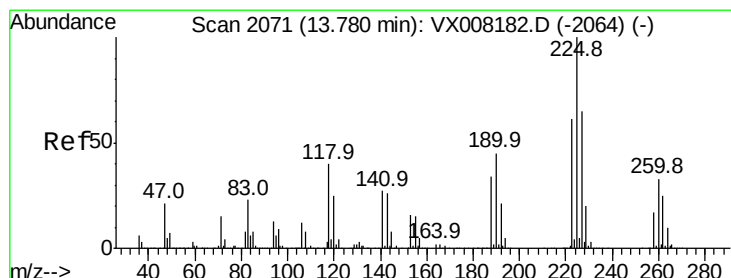
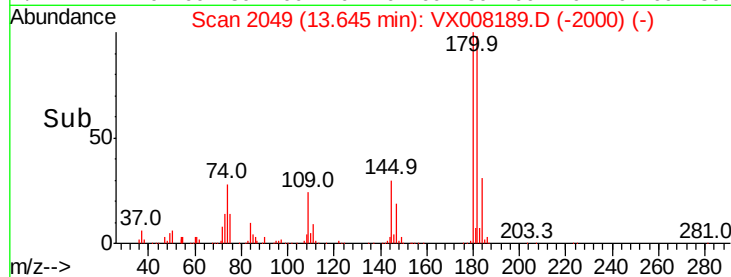
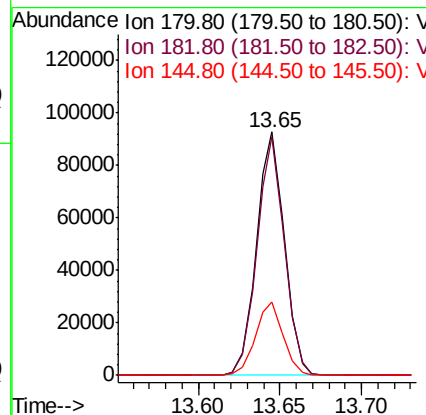
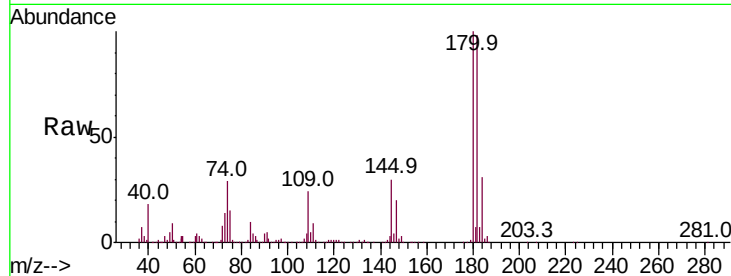
ClientSampleId :

VX0319WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 110533 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 47.9  | 143.7  |
| 145       | 29.9  | 14.1  | 42.4   |

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#94

Hexachlorobutadiene

Concen: 20.889 ug/l

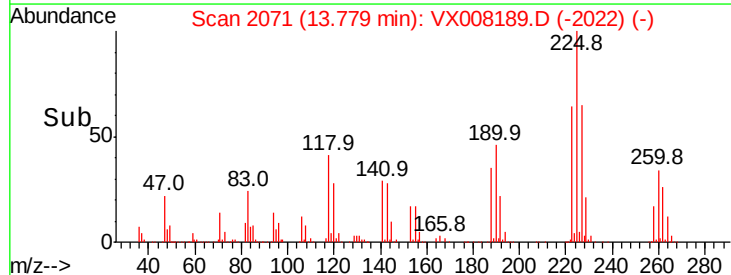
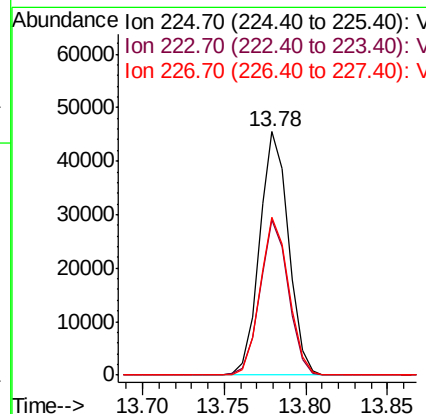
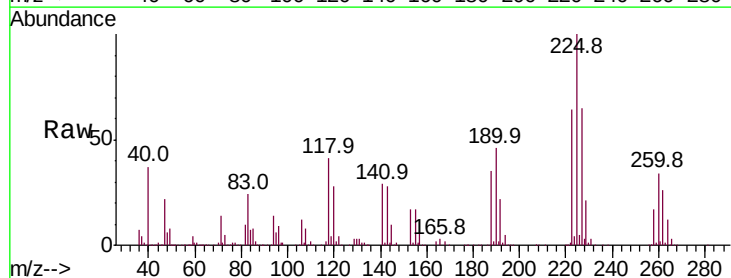
RT: 13.78 min Scan# 2071

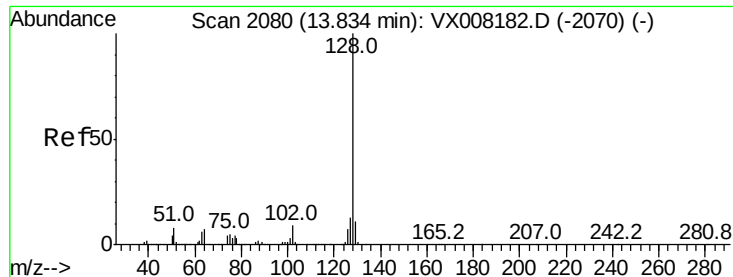
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 56041 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.2  | 31.1  | 93.2  |
| 227       | 63.8  | 32.0  | 96.0  |





#95

Naphthalene

Concen: 20.051 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA\_X

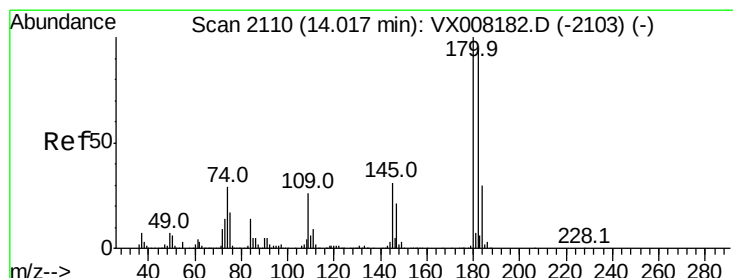
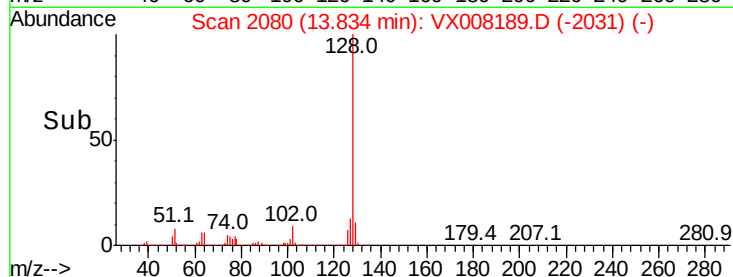
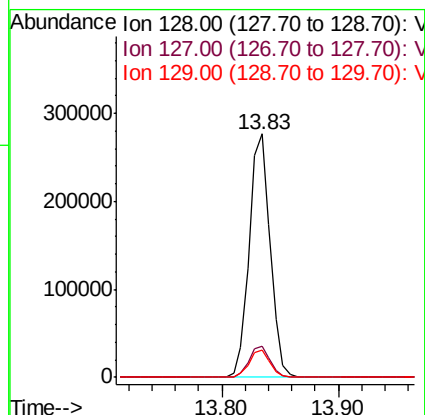
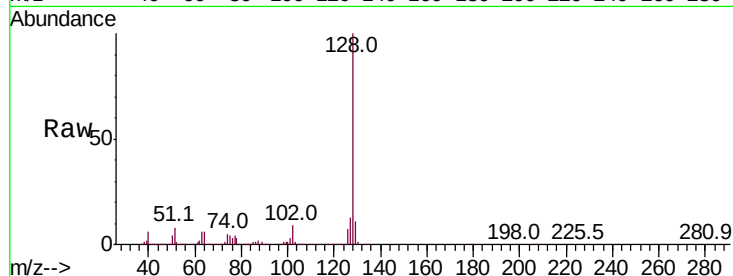
ClientSampleId :

VX0319WBS01

|             |       |        |
|-------------|-------|--------|
| Tot Ion:128 | Resp: | 348125 |
| Ion Ratio   | Lower | Upper  |
| 128 100     |       |        |
| 127 13.0    | 10.3  | 15.5   |
| 129 11.2    | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 20.525 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:180 | Resp: | 111096 |
| Ion Ratio   | Lower | Upper  |
| 180 100     |       |        |
| 182 94.5    | 47.5  | 142.5  |
| 145 31.3    | 14.8  | 44.3   |

