

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\  
 Data File : VX013065.D  
 Acq On : 14 Oct 2019 20:22  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2019 11:04:36 AM

Quant Time: Oct 15 08:08:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 09:48:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 143288   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 251722   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 231619   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 111222   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 102335   | 57.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.28% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 80848    | 55.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.92% |      |
| 50) Toluene-d8            | 8.71   | 98  | 295793   | 52.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.98% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 111654   | 51.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.00% |      |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 63255   | 43.309  | ug/l 98  |
| 3) Chloromethane              | 1.31 | 50  | 74492   | 46.864  | ug/l 100 |
| 4) Vinyl Chloride             | 1.40 | 62  | 72565   | 44.229  | ug/l 99  |
| 5) Bromomethane               | 1.62 | 94  | 30197   | 44.277  | ug/l 97  |
| 6) Chloroethane               | 1.70 | 64  | 49242   | 49.142  | ug/l 99  |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 104008  | 46.969  | ug/l 97  |
| 8) Diethyl Ether              | 2.18 | 74  | 48202   | 53.928  | ug/l 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 67100   | 46.820  | ug/l 99  |
| 10) Methyl Iodide             | 2.50 | 142 | 87718   | 53.617  | ug/l 99  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 127969  | 269.547 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 69471   | 47.977  | ug/l 93  |
| 13) Acrolein                  | 2.28 | 56  | 73409   | 217.580 | ug/l 98  |
| 14) Allyl chloride            | 2.72 | 41  | 130479  | 50.599  | ug/l 99  |
| 15) Acrylonitrile             | 3.13 | 53  | 267174  | 296.960 | ug/l 99  |
| 16) Acetone                   | 2.44 | 43  | 226900  | 240.362 | ug/l 99  |
| 17) Carbon Disulfide          | 2.56 | 76  | 159248  | 38.570  | ug/l 100 |
| 18) Methyl Acetate            | 2.76 | 43  | 131504  | 58.772  | ug/l 99  |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 287479  | 57.491  | ug/l 98  |
| 20) Methylene Chloride        | 2.84 | 84  | 89462   | 51.567  | ug/l 95  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 77695   | 50.062  | ug/l 95  |
| 22) Diisopropyl ether         | 3.84 | 45  | 273365  | 55.323  | ug/l 93  |
| 23) Vinyl Acetate             | 3.80 | 43  | 1187912 | 278.484 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 149383  | 53.739  | ug/l 99  |
| 25) 2-Butanone                | 4.66 | 43  | 365750  | 279.271 | ug/l 97  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 105827  | 45.272  | ug/l 98  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 95498   | 53.382  | ug/l 97  |
| 28) Bromochloromethane        | 5.01 | 49  | 49143   | 59.237  | ug/l 95  |
| 29) Tetrahydrofuran           | 5.12 | 42  | 233967  | 290.311 | ug/l 97  |
| 30) Chloroform                | 5.20 | 83  | 153676  | 53.877  | ug/l 99  |
| 31) Cyclohexane               | 5.57 | 56  | 114773  | 44.155  | ug/l 97  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 124505  | 51.517  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 103018  | 46.548  | ug/l 99  |
| 37) Ethyl Acetate             | 4.82 | 43  | 138664  | 56.032  | ug/l 99  |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 102852  | 47.746  | ug/l 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2019 11:04:36 AM

Quant Time: Oct 15 08:08:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 09:48:22 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 116194   | 43.292   | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 341396   | 52.229   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 74746    | 54.967   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 126007   | 53.723   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 218357   | 54.974   | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 84790    | 46.778   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 89475    | 53.708   | ug/l   | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 60454    | 54.465   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 116348   | 53.713   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 104215   | 53.841   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 55690    | 1069.602 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 701295   | 283.184  | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 213848   | 51.138   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 126991   | 47.109   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 140442   | 52.716   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 92464    | 55.872   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 151354   | 51.034   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 155567   | 54.342   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 343053   | 282.175  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 546095   | 283.278  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 91772    | 49.838   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 94189    | 54.104   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 80285    | 49.975   | ug/l   | 95       |
| 65) Chlorobenzene              | 10.14 | 112  | 227730   | 49.511   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 85089    | 53.355   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 397141   | 48.609   | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.36 | 106  | 304554   | 99.781   | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 149913   | 50.366   | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 263399   | 52.055   | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 63741    | 47.110   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 380550   | 46.538   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 186030   | 52.823   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 141827   | 52.147   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 131956m  | 53.491   | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 96431    | 50.043   | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 422645   | 46.971   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 266592   | 47.143   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 329880   | 48.313   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 43880    | 46.088   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 314731   | 48.557   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 315865   | 47.422   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 343039   | 49.606   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 351141   | 45.504   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 326378   | 45.604   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 172471   | 48.198   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 174370   | 48.115   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 260945   | 43.383   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.59 | 117  | 53490    | 40.762   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 175307   | 49.972   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 35082    | 55.033   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

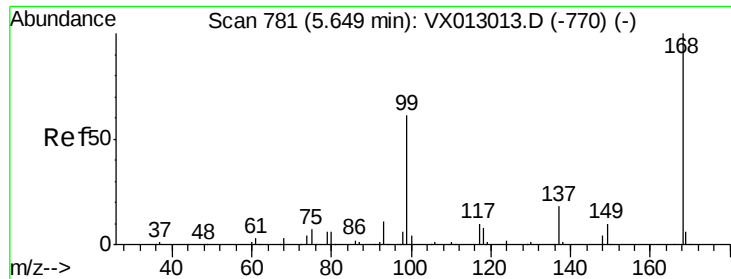
MMDadoda  
10/15/2019 11:04:36 AM

Quant Time: Oct 15 08:08:12 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 11 09:48:22 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 105816   | 48.152 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 41923    | 41.337 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 398331   | 52.289 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 106960   | 47.100 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 143288

Ion Ratio Lower Upper

168 100

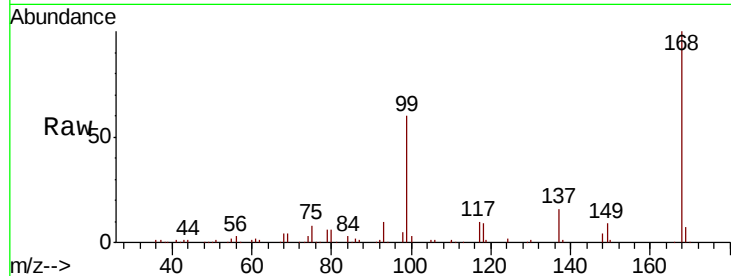
99 59.7 49.4 74.0

Manual Integrations

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10/15/2019 11:04:36 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

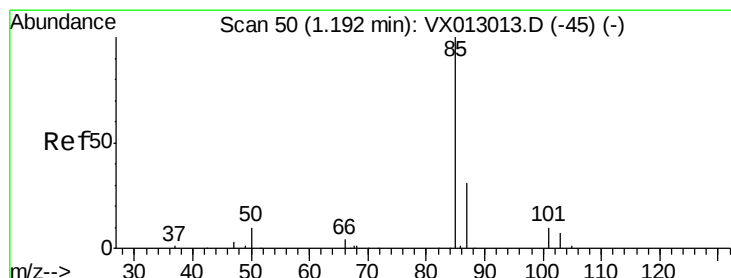
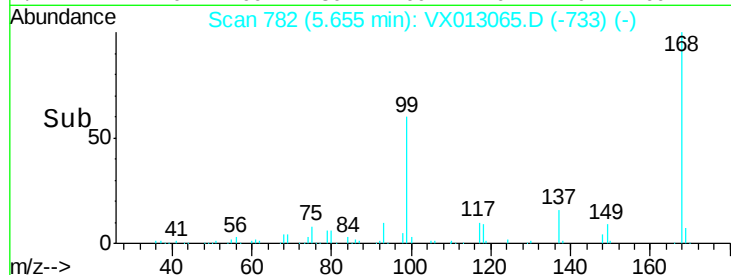
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.309 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013065.D

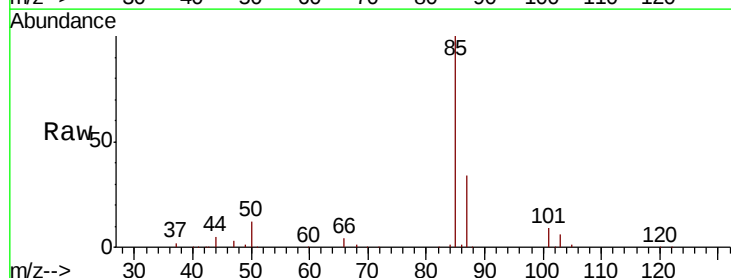
Acq: 14 Oct 2019 20:22

Tgt Ion: 85 Resp: 63255

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

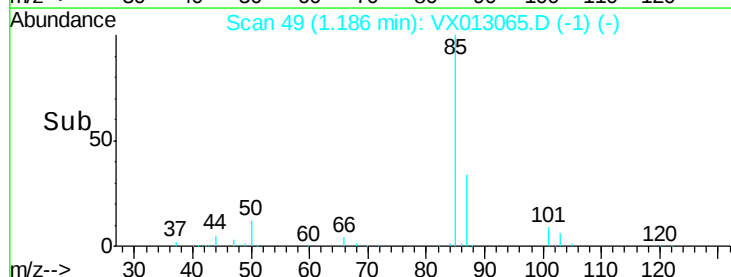
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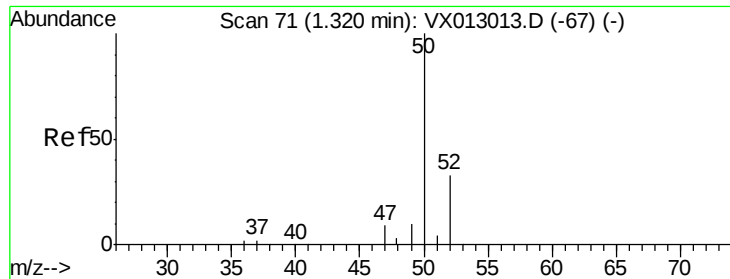
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.864 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 74492

Ion Ratio Lower Upper

50 100

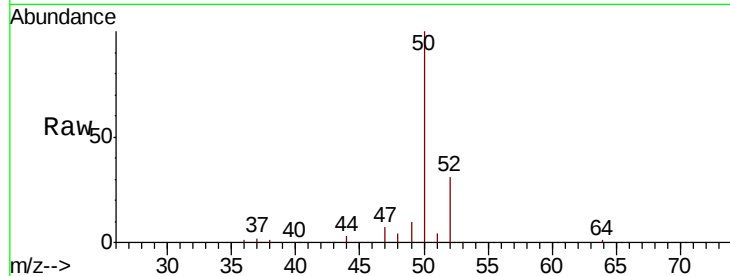
52 31.5 25.2 37.8

Manual Integrations

APPROVED

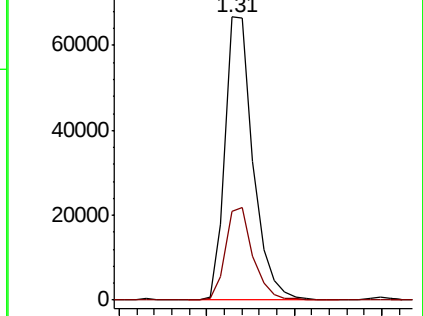
MMDadoda

10/15/2019 11:04:36 AM

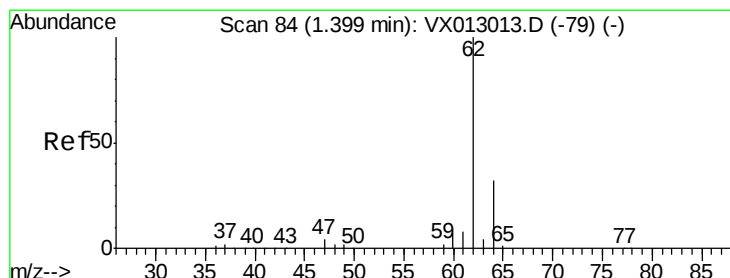
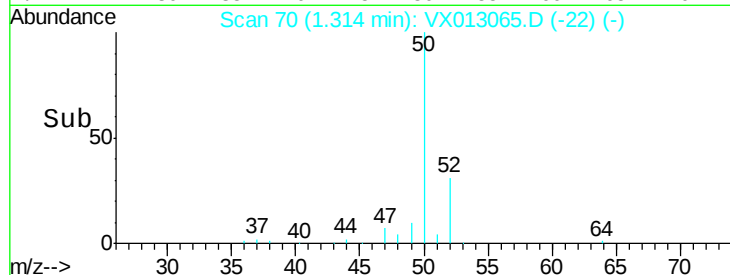


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 44.229 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013065.D

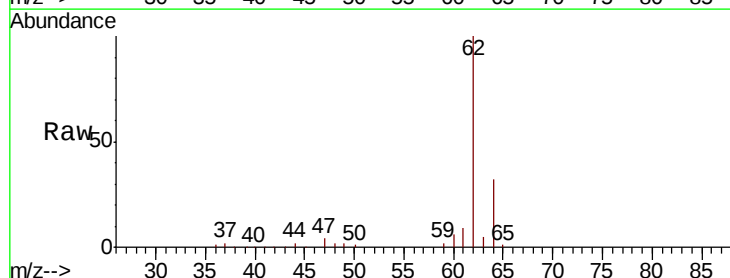
Acq: 14 Oct 2019 20:22

Tgt Ion: 62 Resp: 72565

Ion Ratio Lower Upper

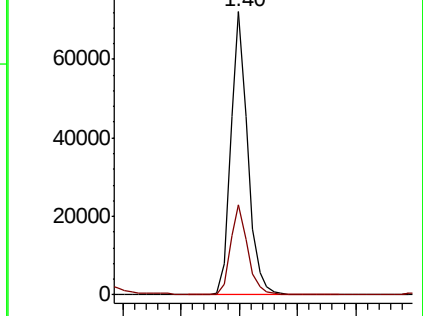
62 100

64 32.0 25.3 37.9

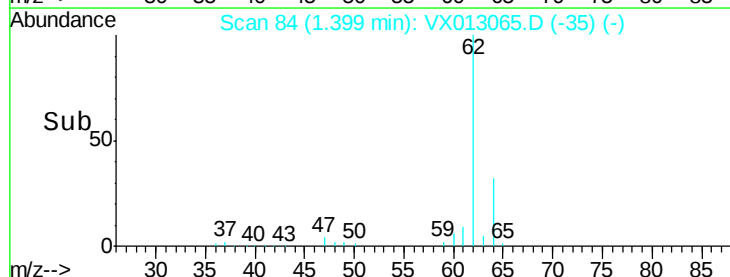


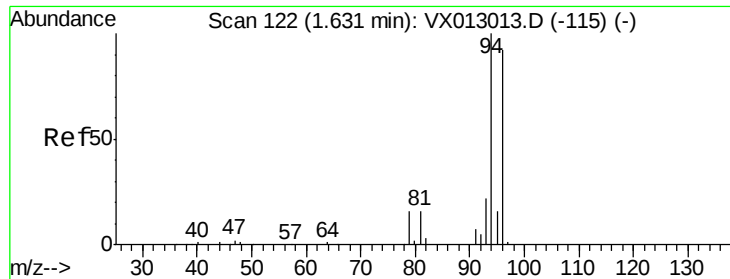
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 44.277 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 30197

Ion Ratio Lower Upper

94 100

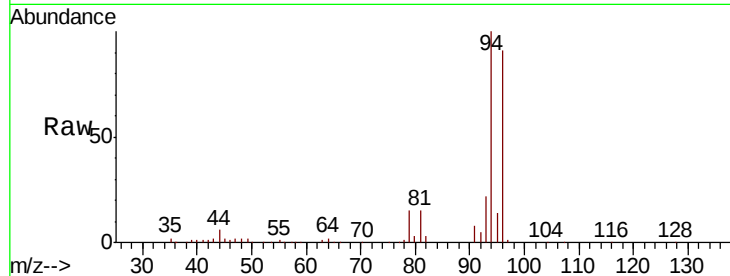
96 90.8 74.7 112.1

Manual Integrations

APPROVED

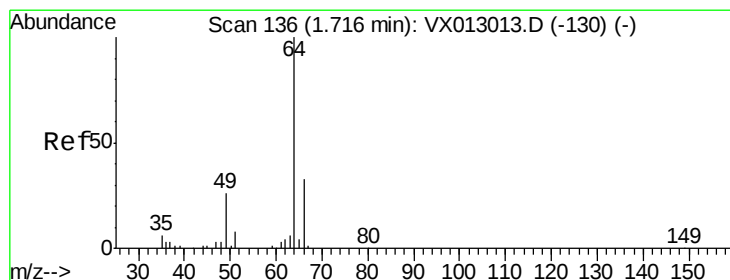
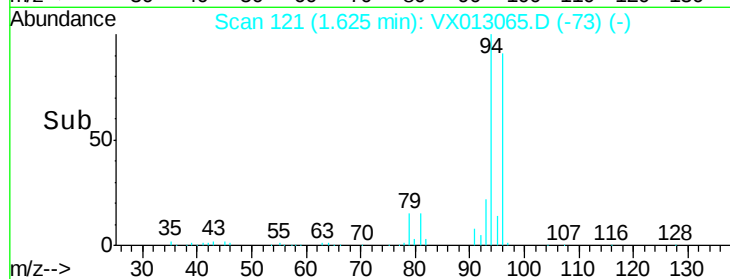
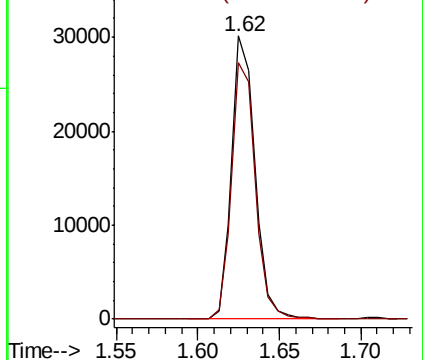
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.142 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013065.D

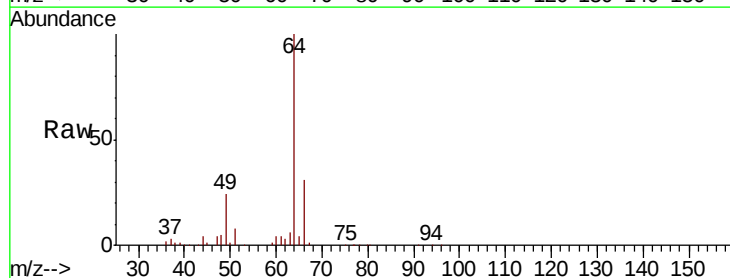
Acq: 14 Oct 2019 20:22

Tgt Ion: 64 Resp: 49242

Ion Ratio Lower Upper

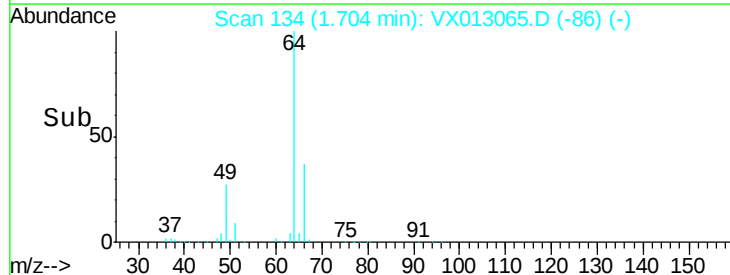
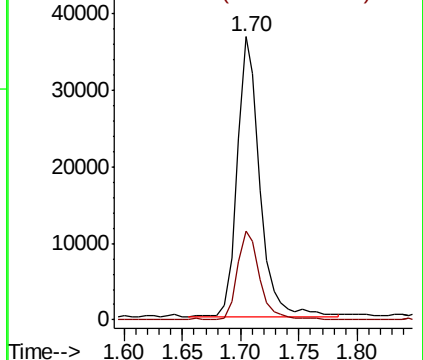
64 100

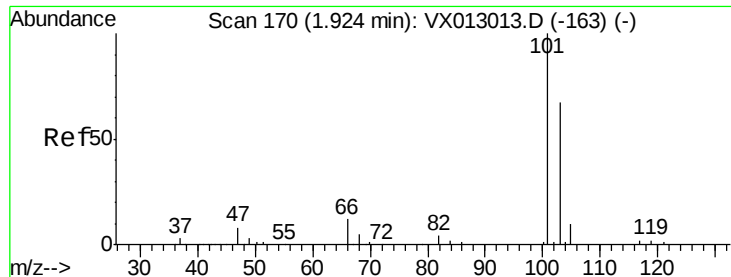
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

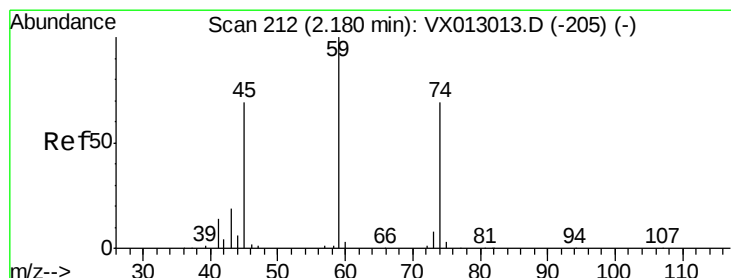
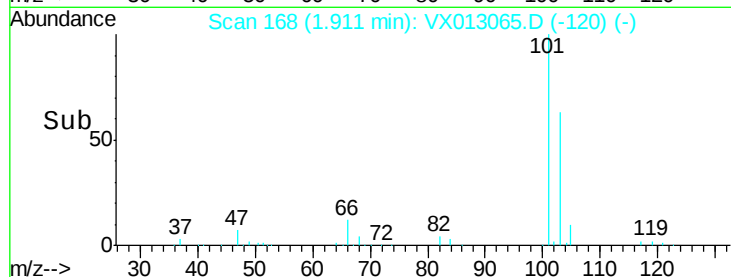
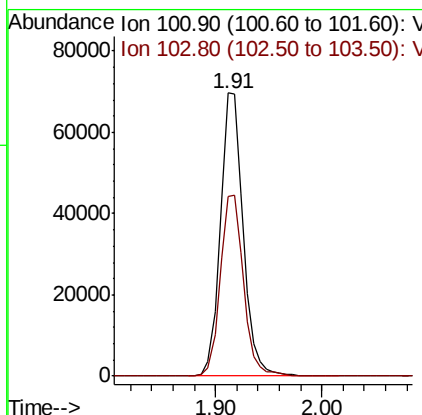
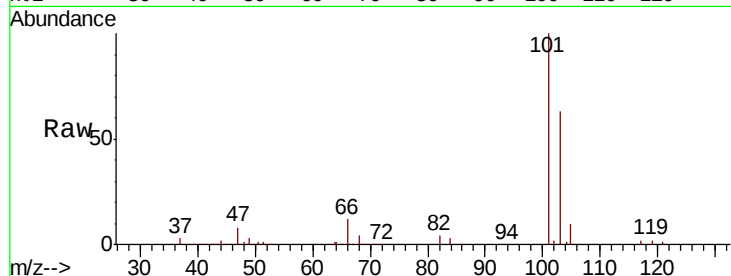
Trichlorofluoromethane  
Concen: 46.969 ug/l  
RT: 1.91 min Scan# 168  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.3  | 52.5  | 78.7  |

Manual Integrations  
APPROVED

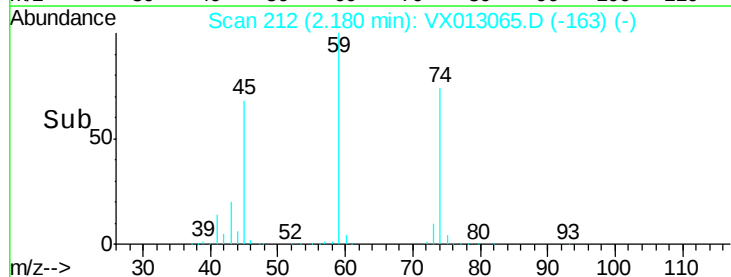
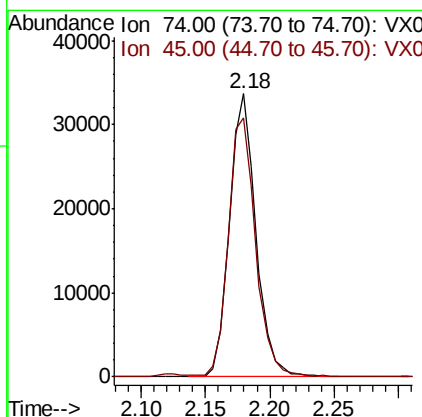
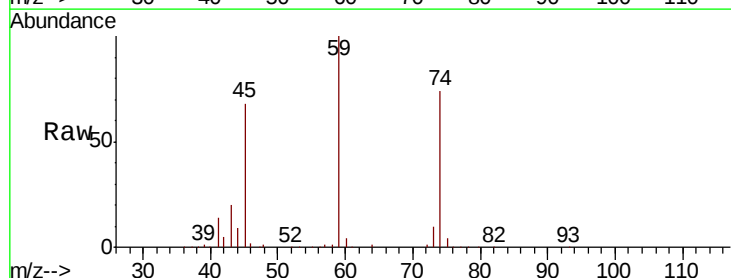
MMDadoda  
10/15/2019 11:04:36 AM

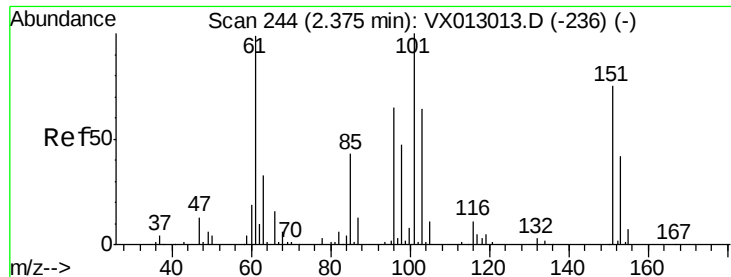


#8

Diethyl Ether  
Concen: 53.928 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.6  | 47.8  | 143.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.820 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

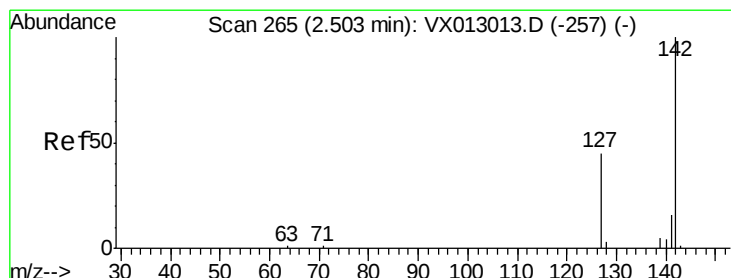
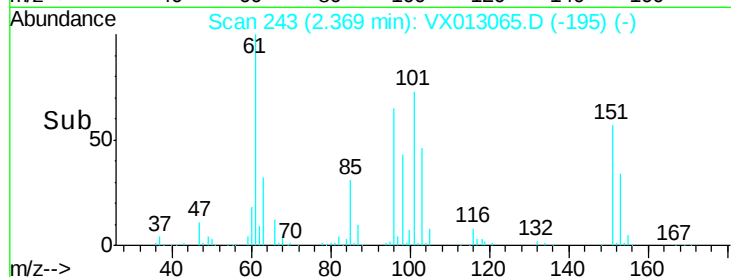
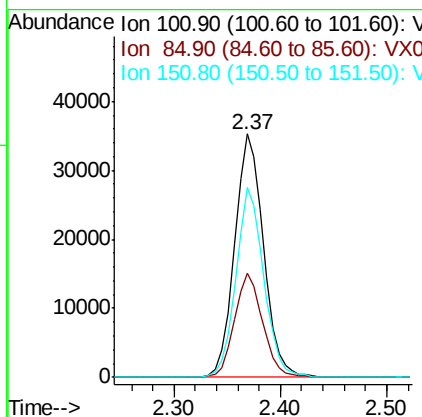
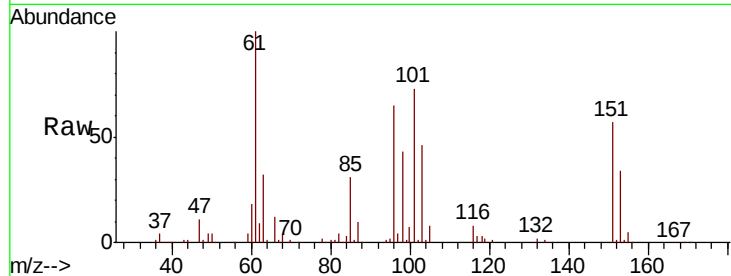
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 67100 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 35.2  | 52.8  |
| 151       | 75.4  | 60.3  | 90.5  |

Manual Integrations  
APPROVED

MMDadoda  
10/15/2019 11:04:36 AM



#10

Methyl Iodide

Concen: 53.617 ug/l

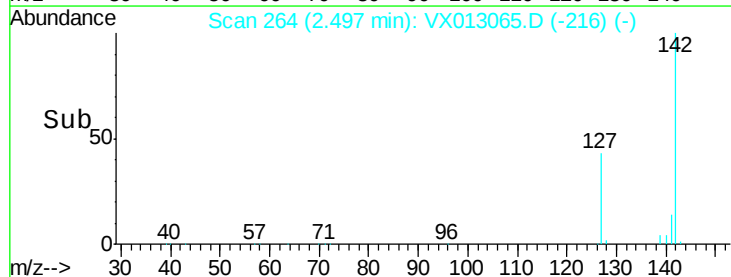
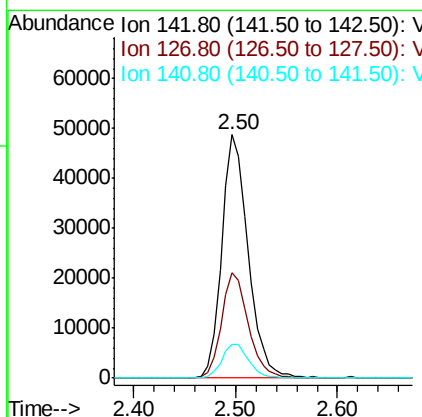
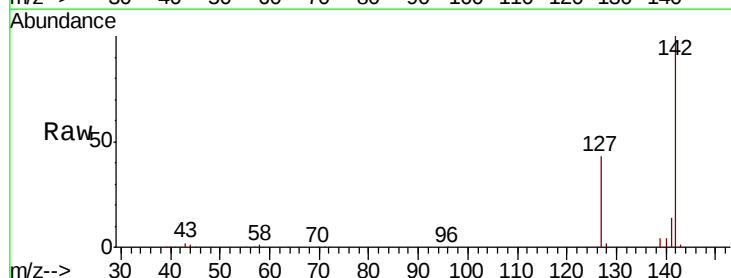
RT: 2.50 min Scan# 264

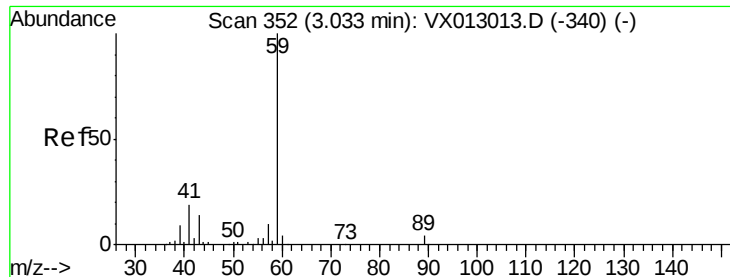
Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 87718 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.0  | 34.9  | 52.3  |
| 141       | 14.3  | 11.6  | 17.4  |





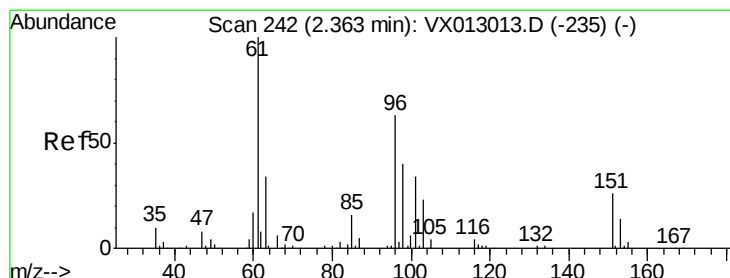
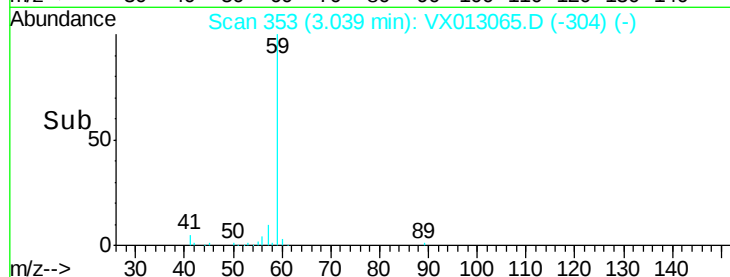
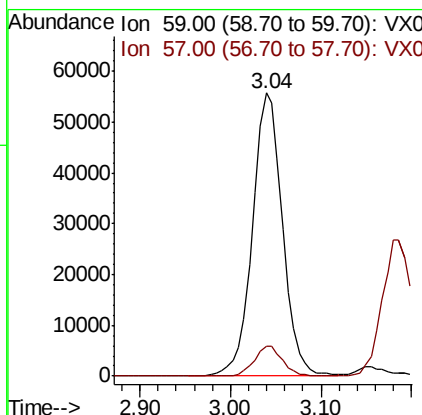
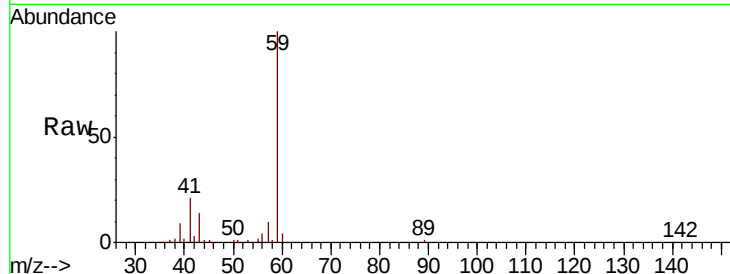
#11  
Tert butyl alcohol  
Concen: 269.547 ug/l  
RT: 3.04 min Scan# 353  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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

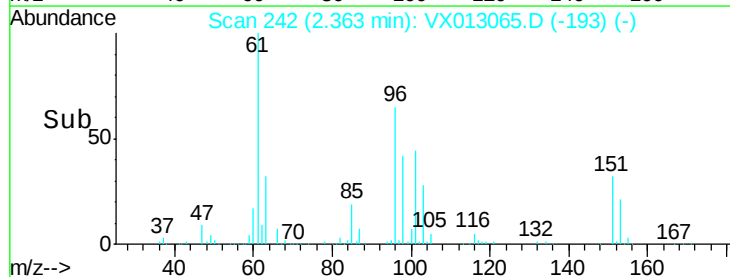
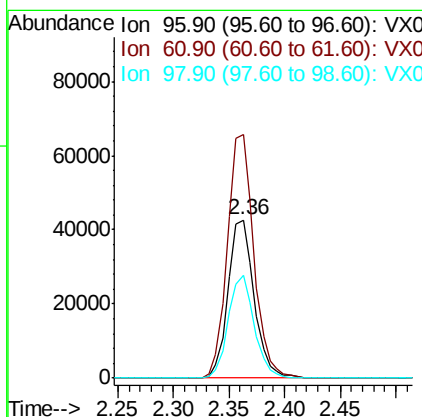
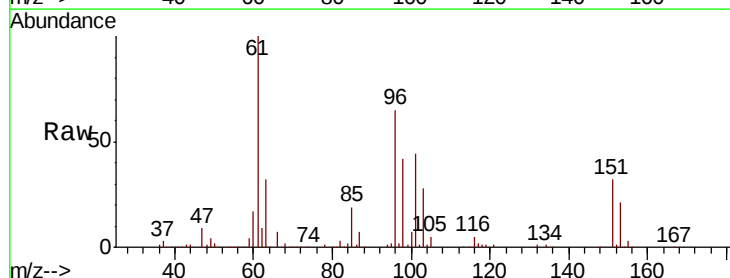
Manual Integrations  
APPROVED

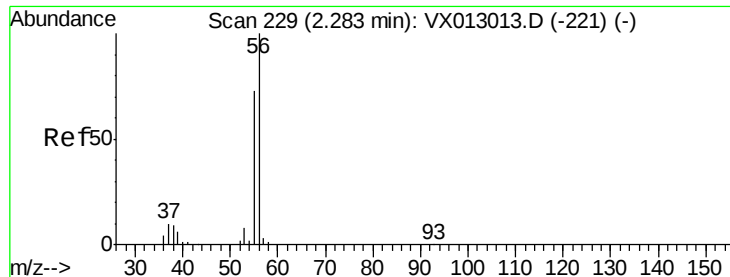
MMDadoda  
10/15/2019 11:04:36 AM



#12  
1,1-Dichloroethene  
Concen: 47.977 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.0 | 132.2 | 198.4 |
| 98      | 65.3  | 50.5  | 75.7  |





#13

Acrolein

Concen: 217.580 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 73409

Ion Ratio Lower Upper

56 100

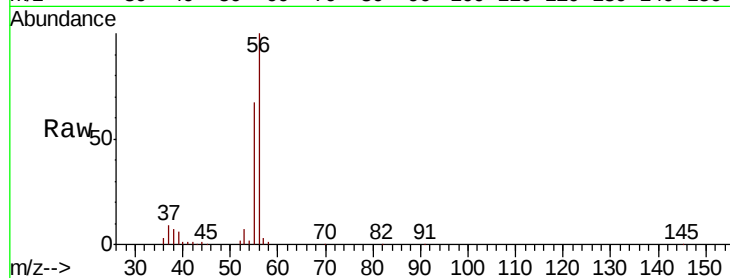
55 69.5 56.6 85.0

Manual Integrations

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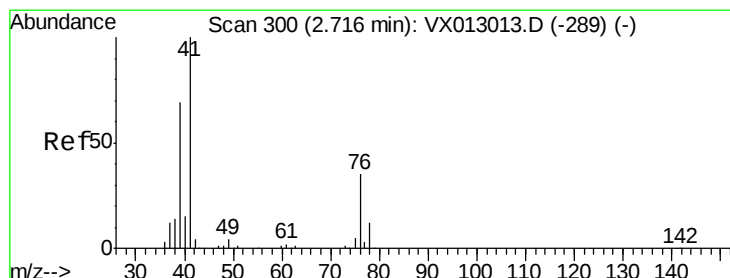
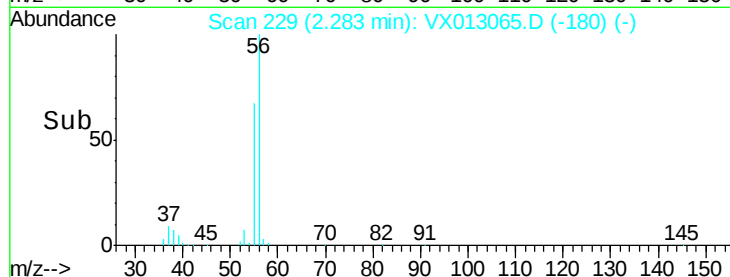
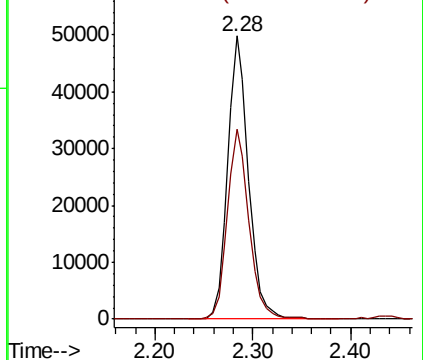
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.599 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

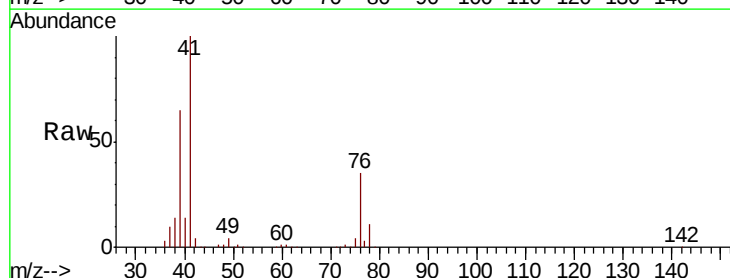
Tgt Ion: 41 Resp: 130479

Ion Ratio Lower Upper

41 100

39 62.1 51.0 76.6

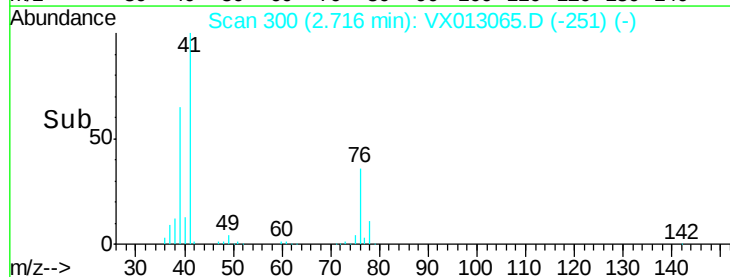
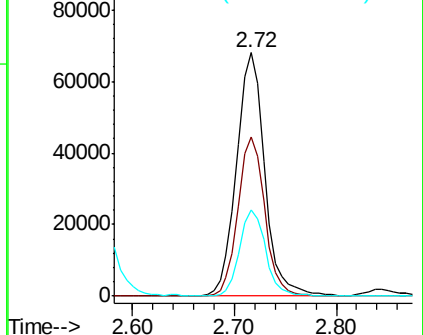
76 32.7 26.2 39.4

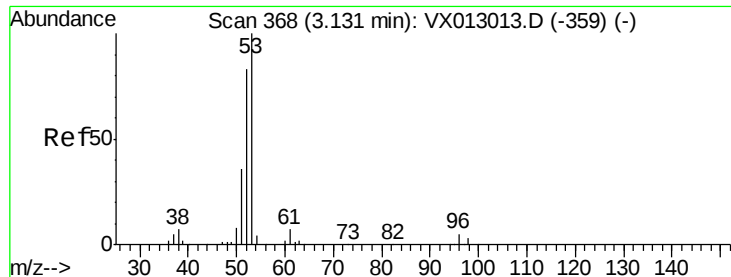


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 296.960 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

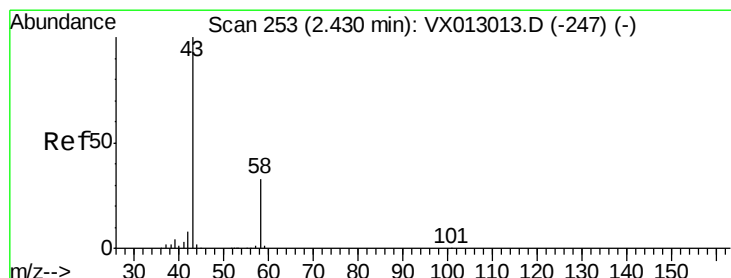
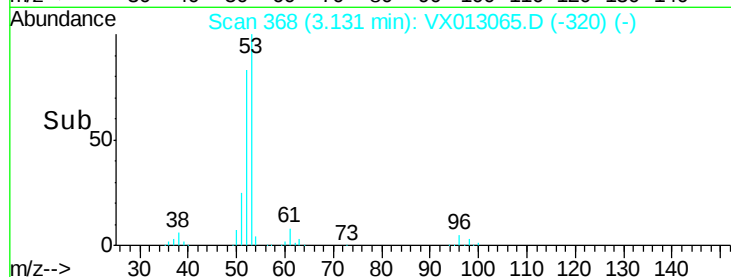
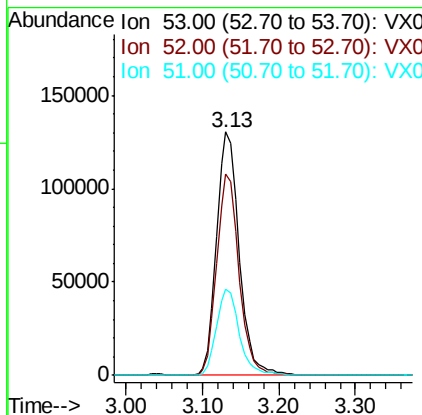
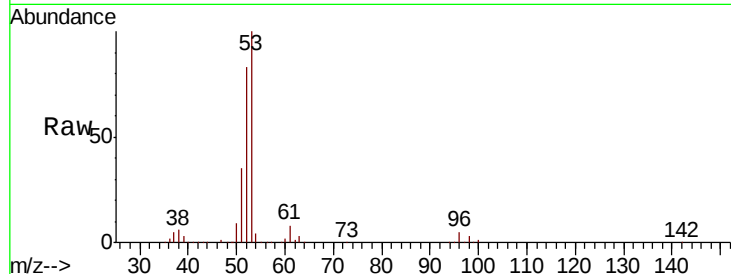
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 267174 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.8  | 66.2  | 99.2   |
| 51        | 36.1  | 28.2  | 42.4   |

Manual Integrations  
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#16

Acetone

Concen: 240.362 ug/l

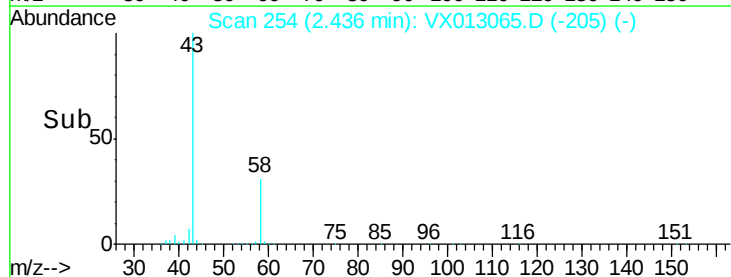
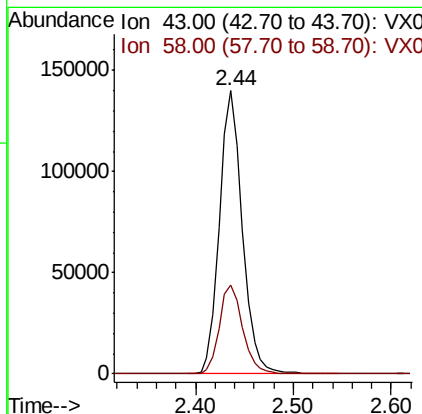
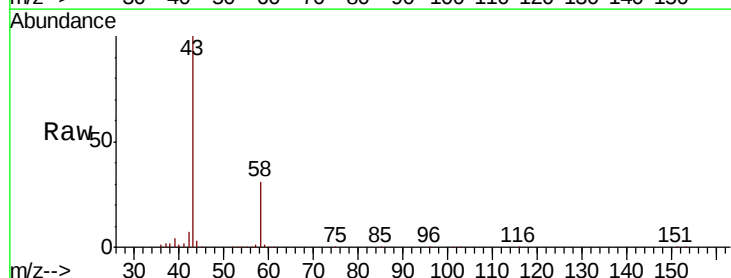
RT: 2.44 min Scan# 254

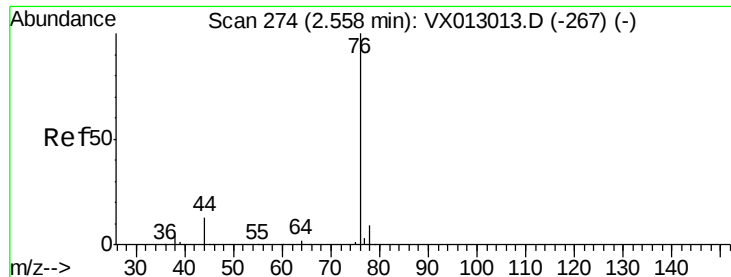
Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 226900 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.3  | 25.4  | 38.2   |





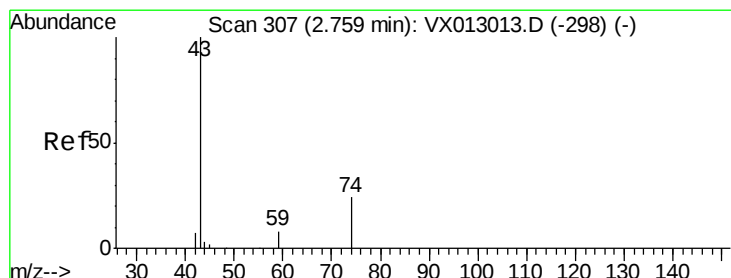
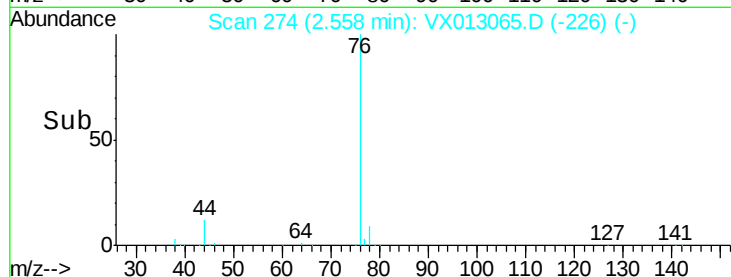
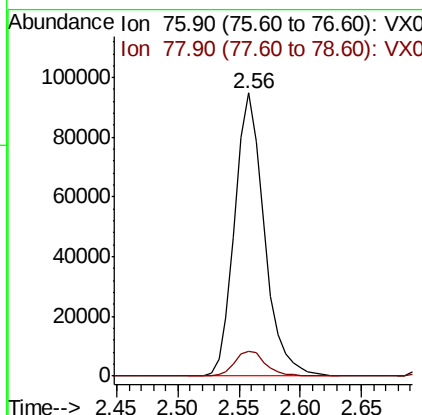
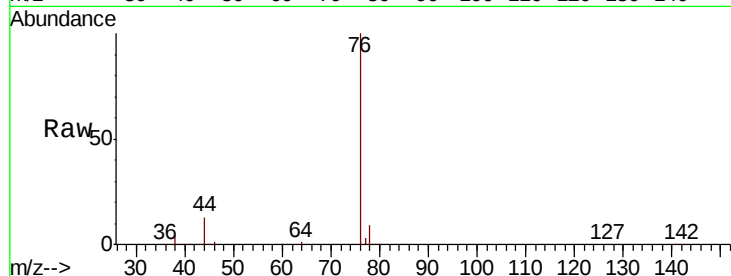
#17  
Carbon Disulfide  
Concen: 38.570 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.1   | 10.7  |

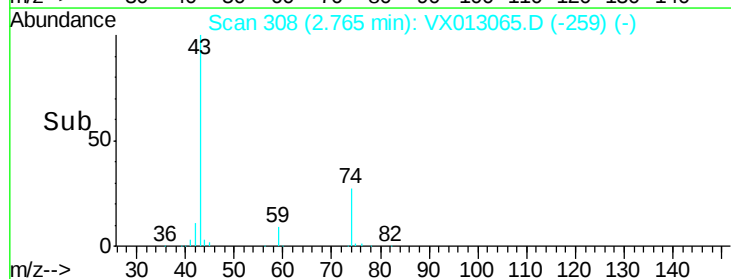
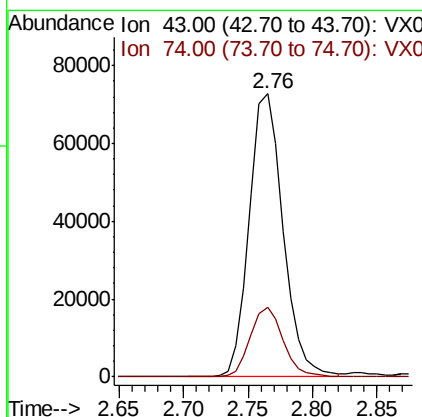
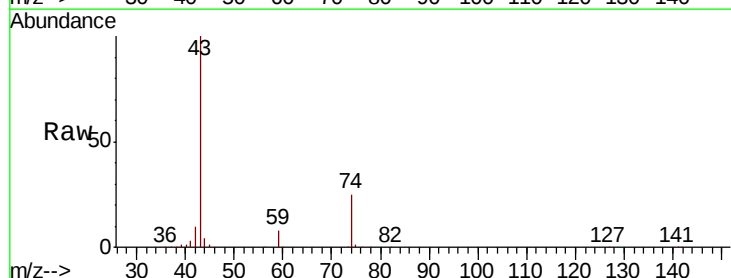
Manual Integrations  
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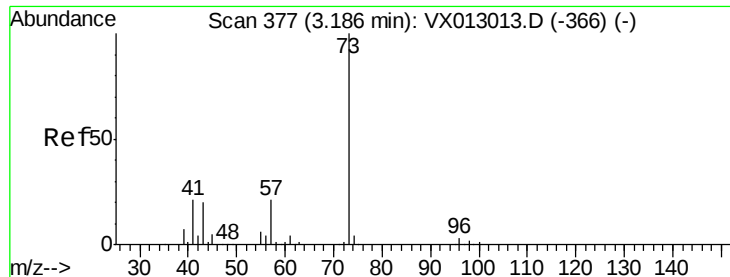
MMDadoda  
10/15/2019 11:04:36 AM



#18  
Methyl Acetate  
Concen: 58.772 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.6  | 19.2  | 28.8  |





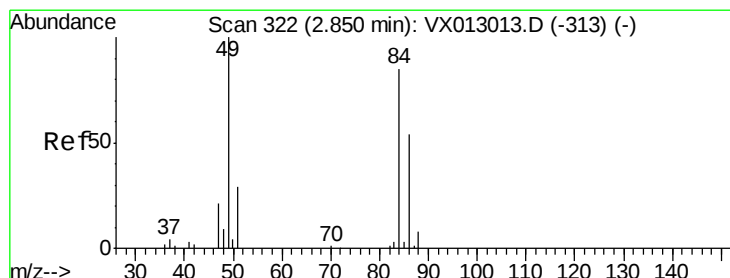
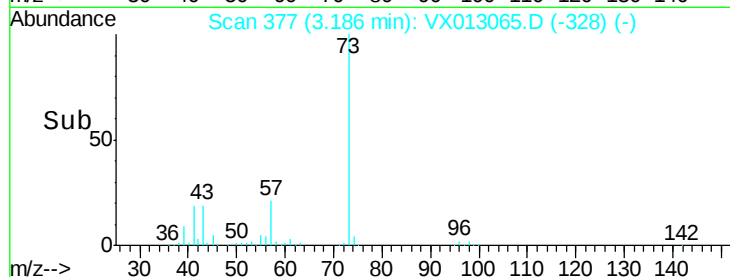
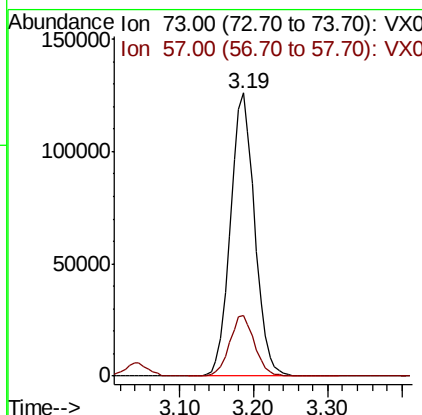
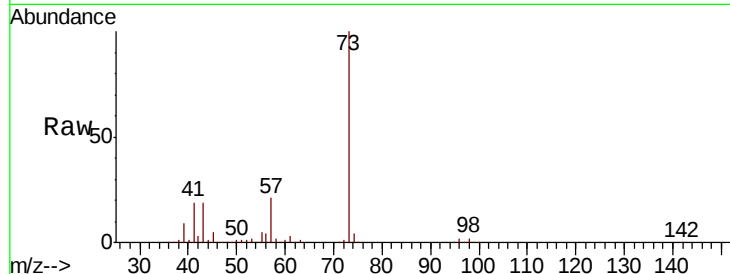
#19  
Methyl tert-butyl Ether  
Concen: 57.491 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.2  | 17.8  | 26.6  |

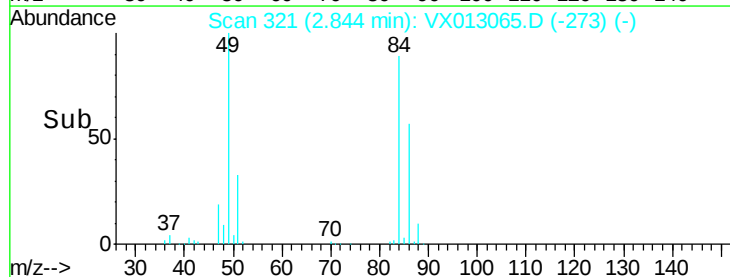
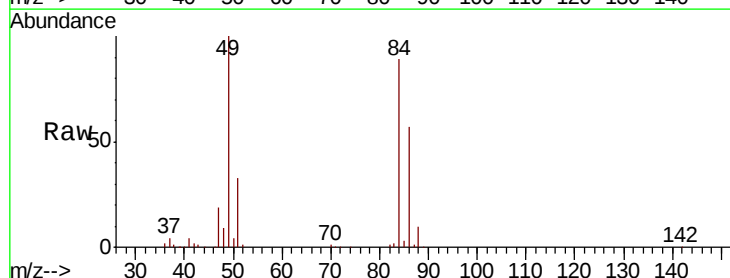
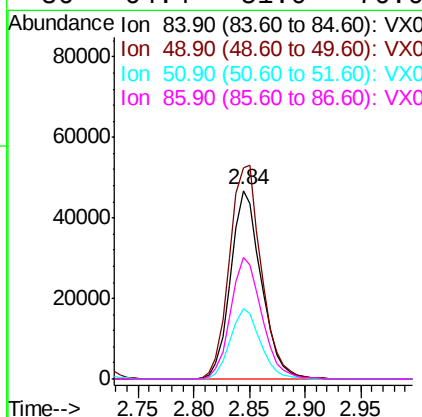
Manual Integrations  
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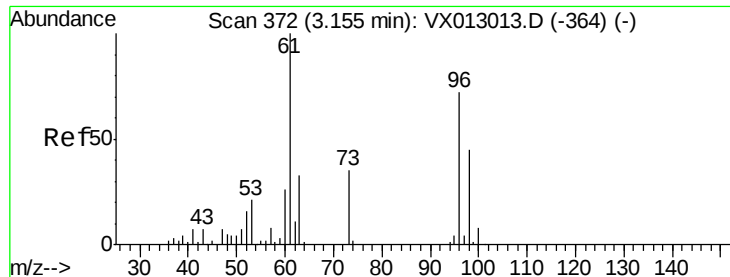
MMDadoda  
10/15/2019 11:04:36 AM



#20  
Methylene Chloride  
Concen: 51.567 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 112.3 | 96.6  | 144.8 |
| 51      | 37.1  | 30.7  | 46.1  |
| 86      | 64.4  | 51.0  | 76.6  |





#21

trans-1,2-Dichloroethene

Concen: 50.062 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 77695

Ion Ratio Lower Upper

96 100

61 130.9 110.4 165.6

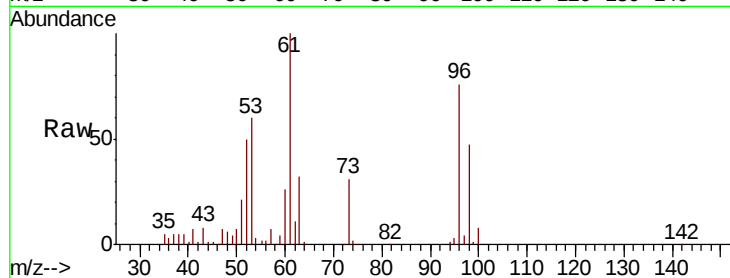
98 61.2 51.5 77.3

Manual Integrations

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MMDadoda

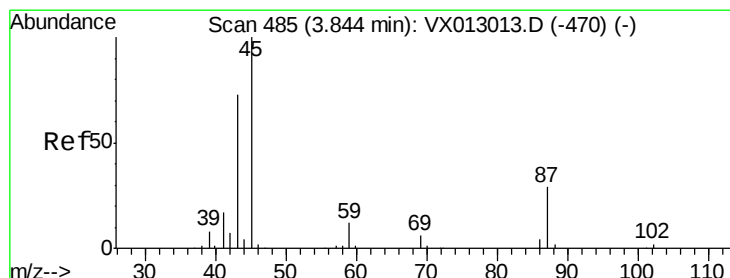
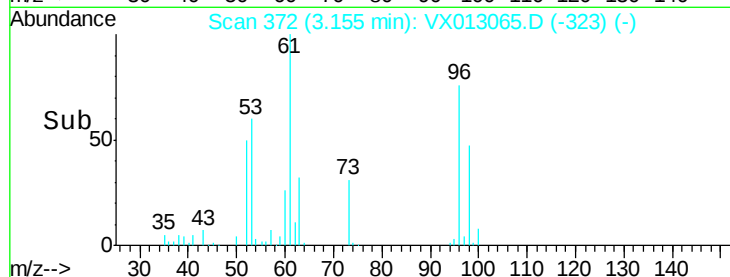
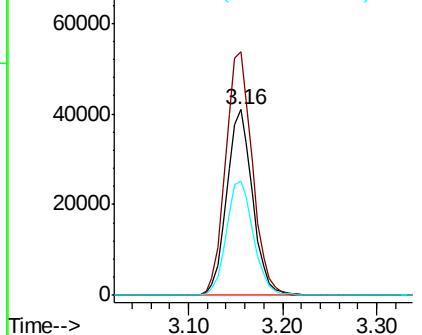
10/15/2019 11:04:36 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.323 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Tgt Ion: 45 Resp: 273365

Ion Ratio Lower Upper

45 100

43 72.2 51.4 77.0

87 29.7 22.5 33.7

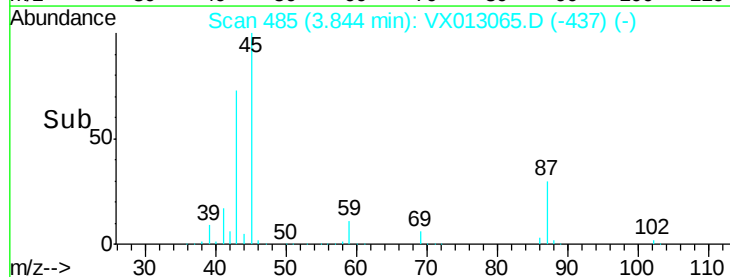
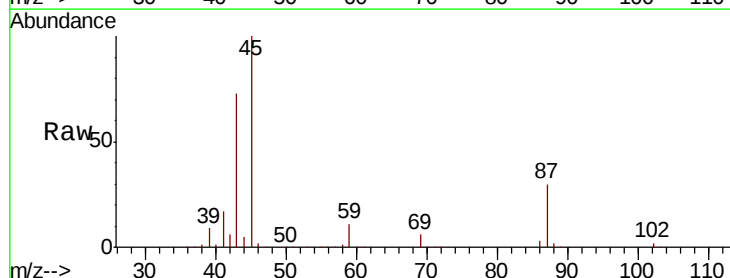
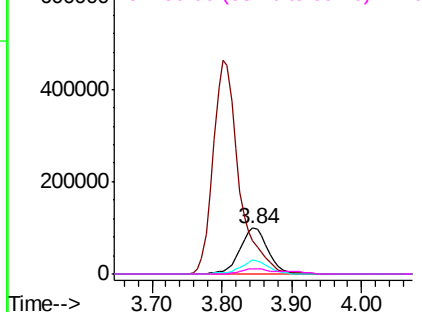
59 11.4 9.7 14.5

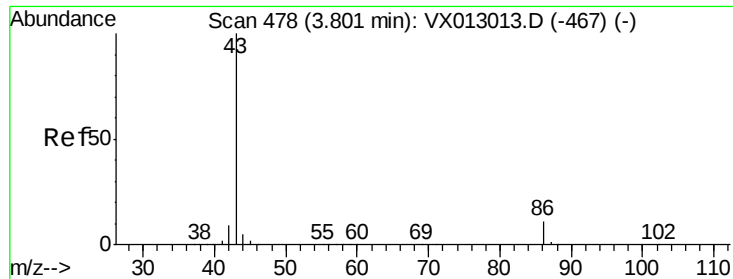
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 278.484 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1187912

Ion Ratio Lower Upper

43 100

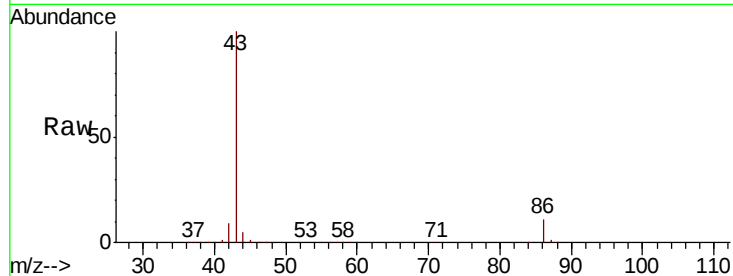
86 11.2 9.0 13.6

Manual Integrations

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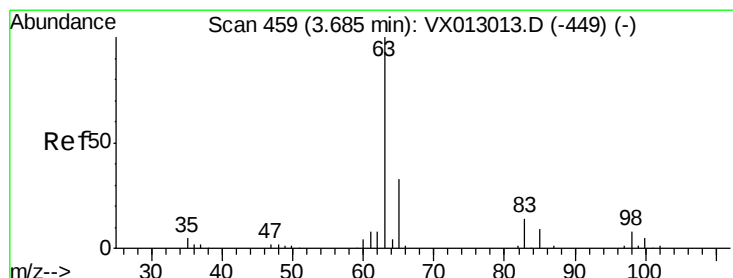
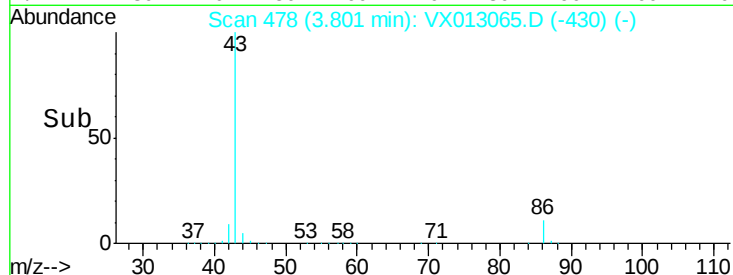
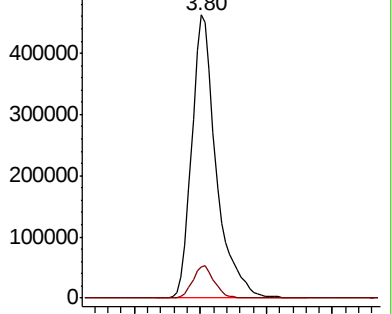
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.739 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

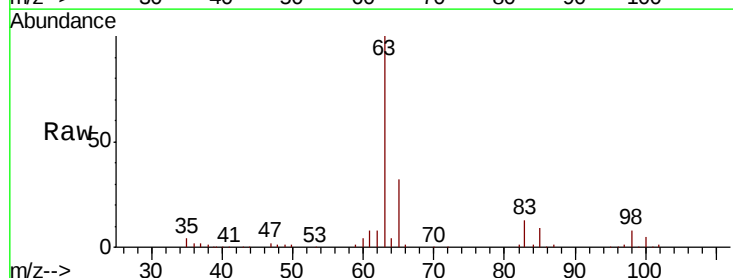
Tgt Ion: 63 Resp: 149383

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

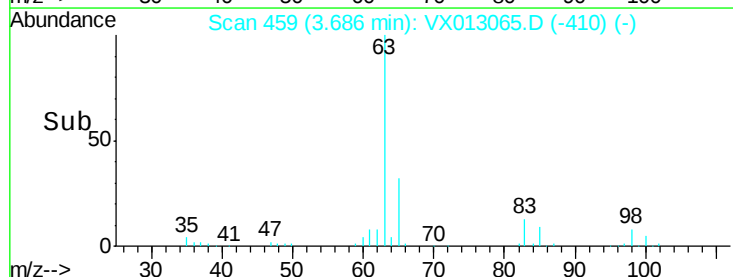
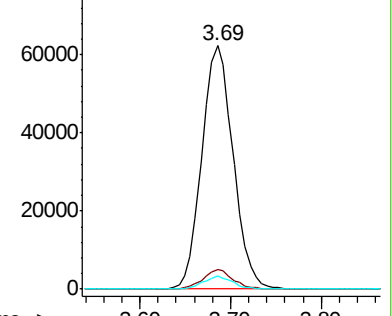
100 5.2 2.3 6.9

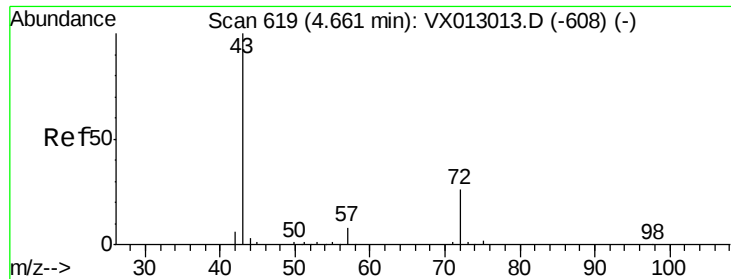


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 279.271 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 365750

Ion Ratio Lower Upper

43 100

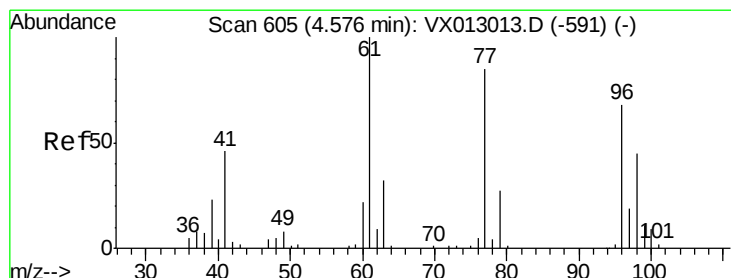
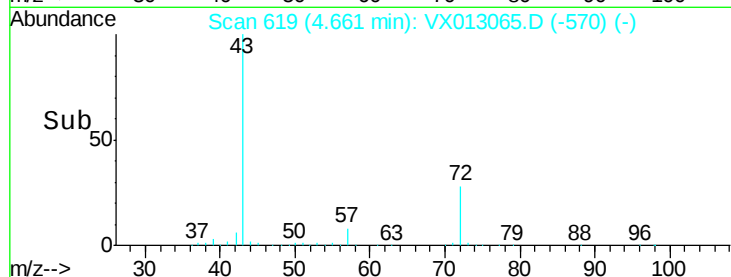
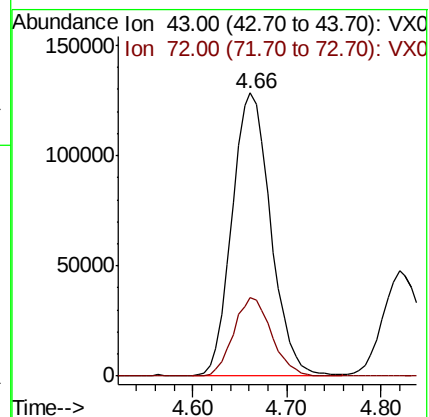
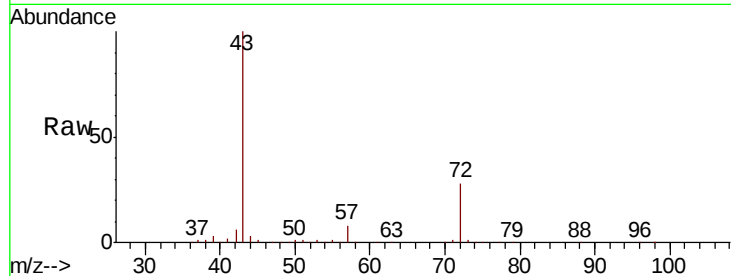
72 27.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.272 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX013065.D

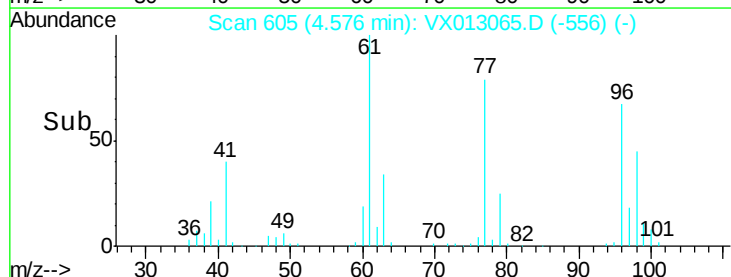
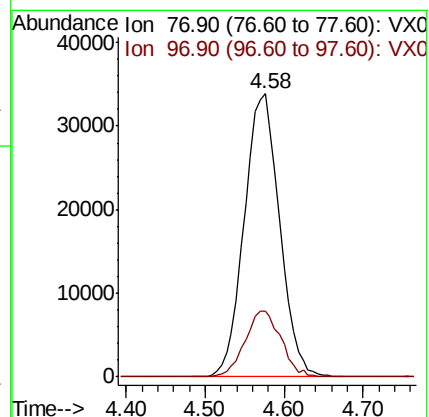
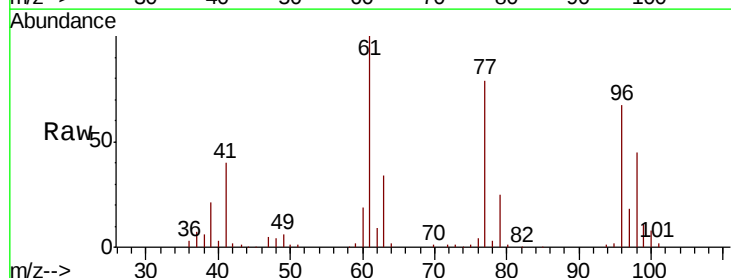
Acq: 14 Oct 2019 20:22

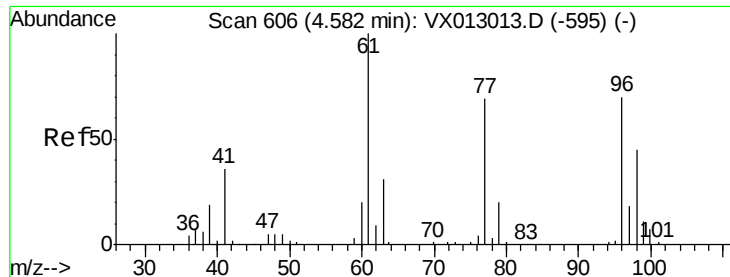
Tgt Ion: 77 Resp: 105827

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9





#27

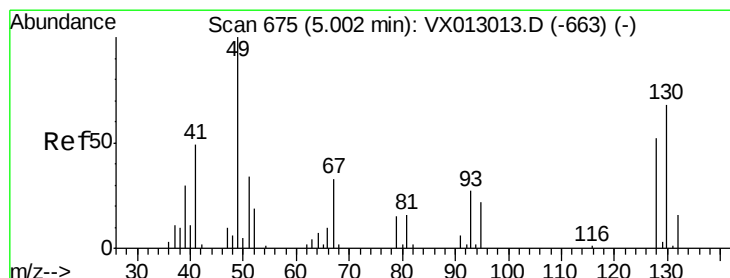
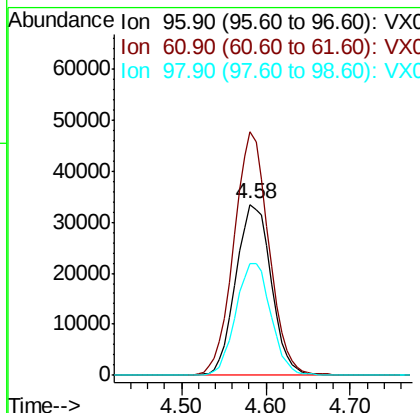
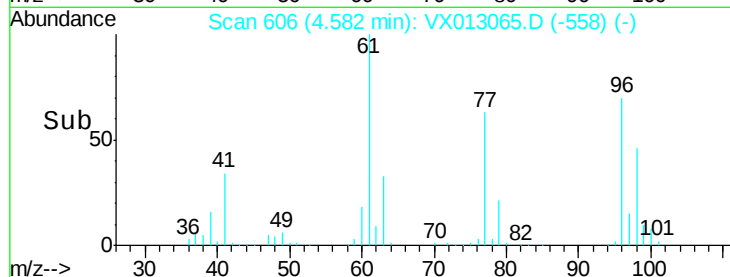
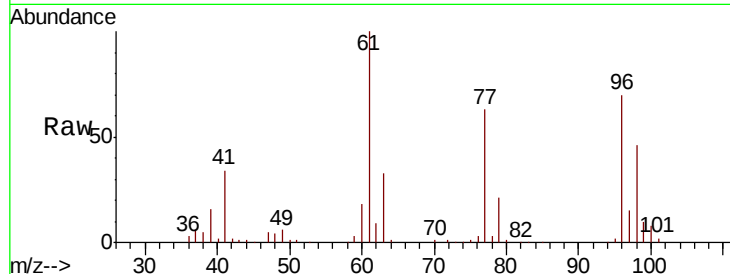
cis-1,2-Dichloroethene  
Concen: 53.382 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 140.5 | 0.0  | 290.6 |       |
| 98      | 64.7  | 0.0  | 128.8 |       |

Manual Integrations  
APPROVED

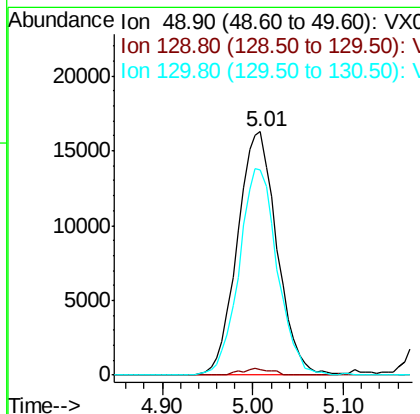
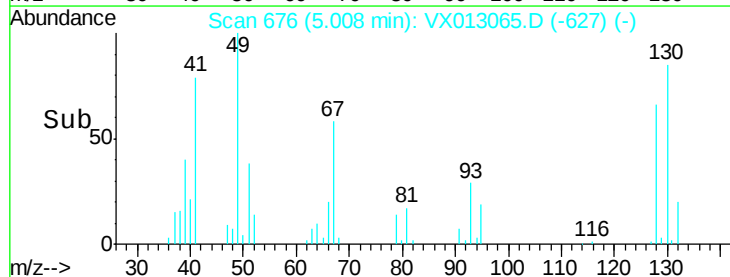
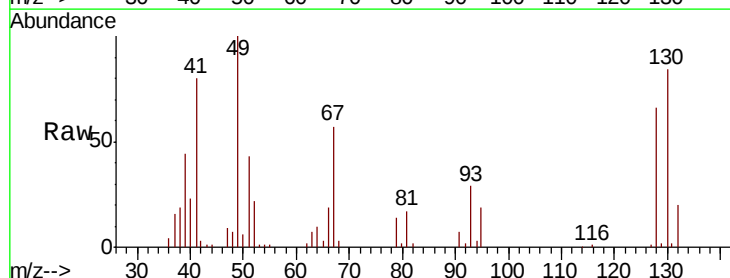
MMDadoda  
10/15/2019 11:04:36 AM

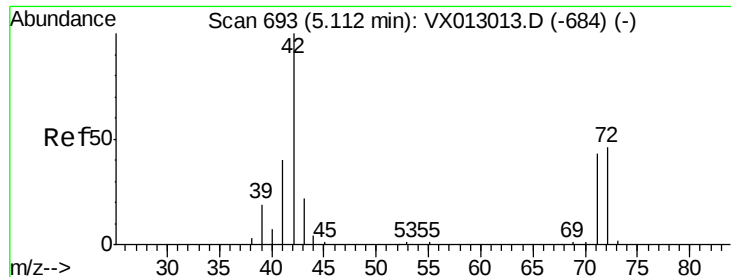


#28

Bromochloromethane  
Concen: 59.237 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.2   |       |
| 130     | 81.7  | 62.1 | 93.1  |       |





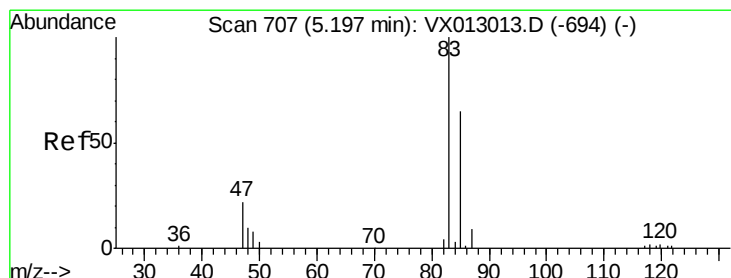
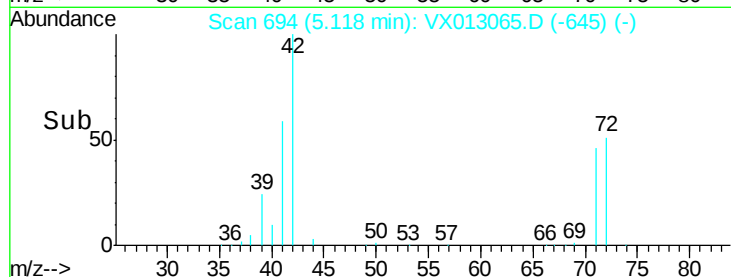
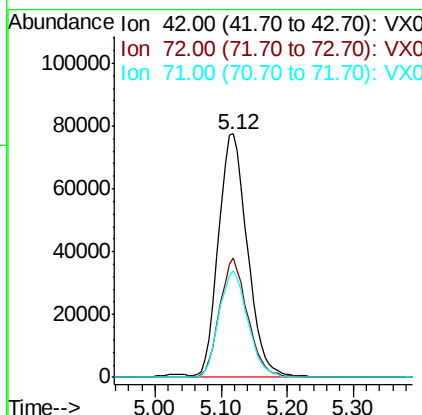
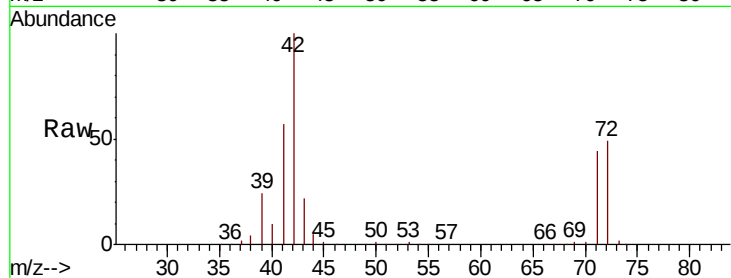
#29  
Tetrahydrofuran  
Concen: 290.311 ug/l  
RT: 5.12 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.8  | 36.9  | 55.3  |
| 71      | 43.6  | 33.5  | 50.3  |

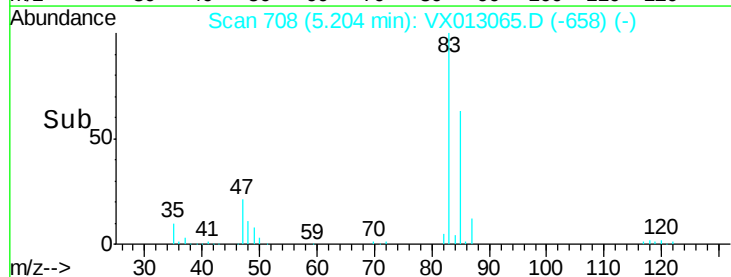
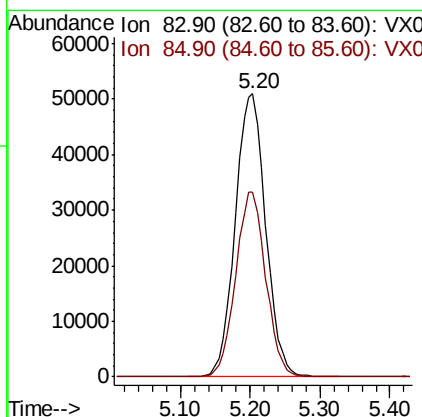
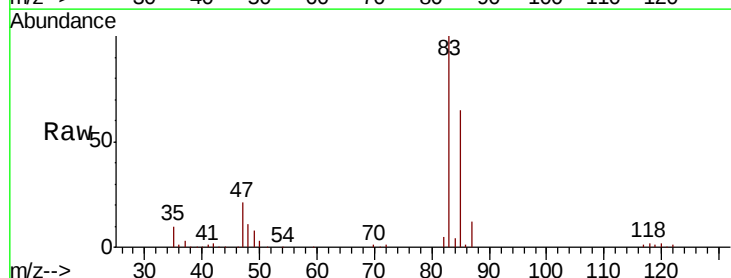
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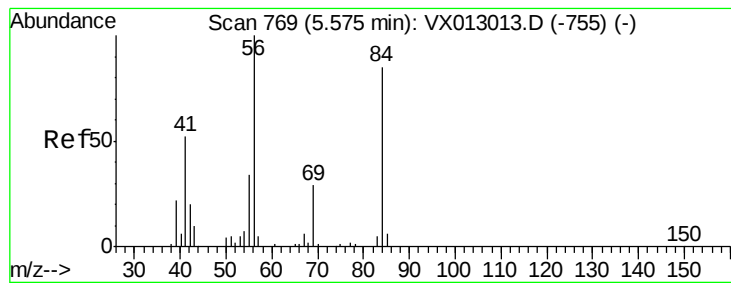
MMDadoda  
10/15/2019 11:04:36 AM



#30  
Chloroform  
Concen: 53.877 ug/l  
RT: 5.20 min Scan# 708  
Delta R.T. 0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.3  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 44.155 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 114773

Ion Ratio Lower Upper

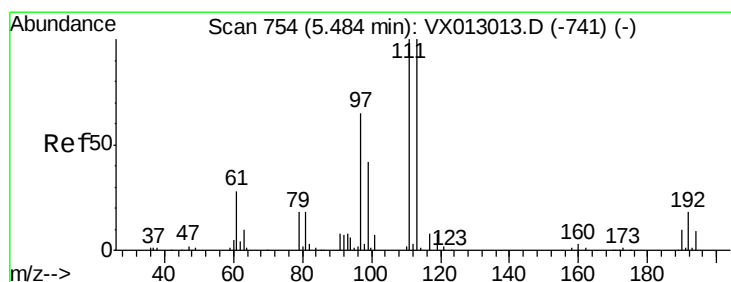
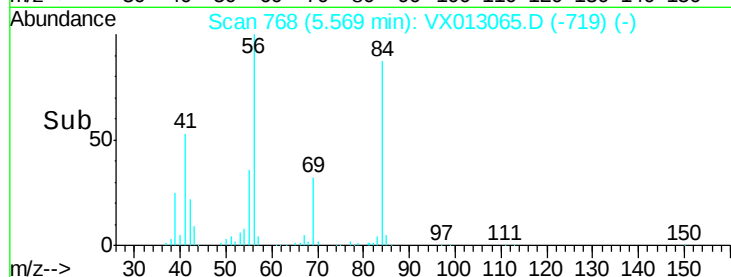
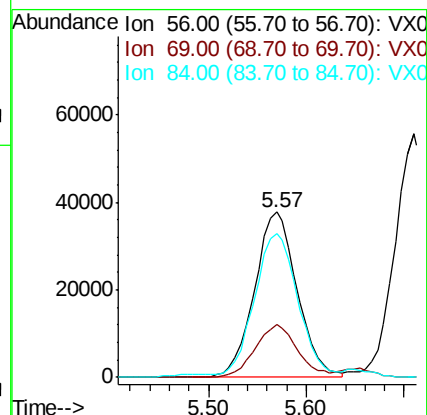
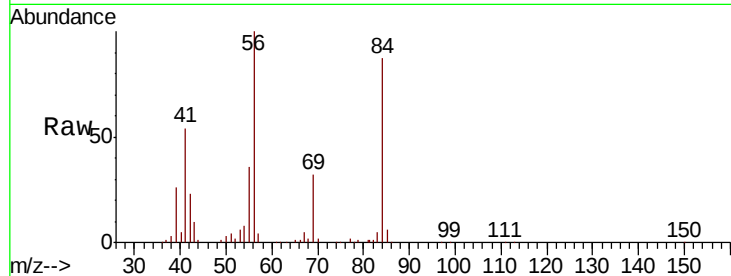
56 100

69 31.9 25.2 37.8

84 85.4 71.3 106.9

Manual Integrations  
APPROVED

MMDadoda  
10/15/2019 11:04:36 AM



#32

1,1,1-Trichloroethane

Concen: 51.517 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

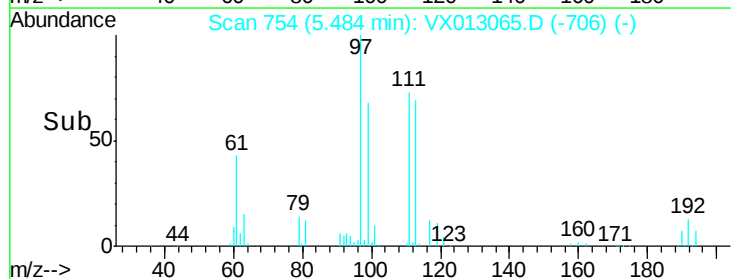
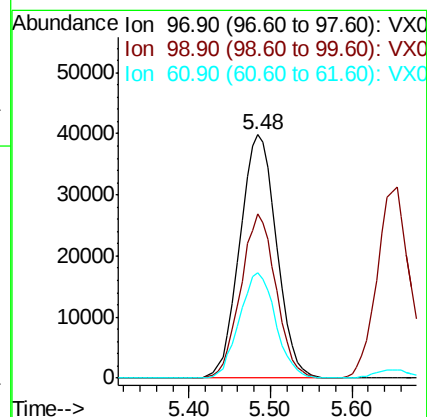
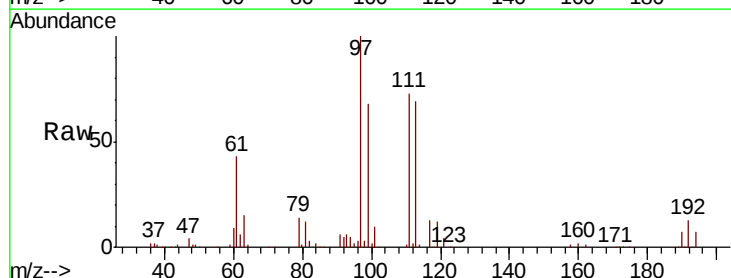
Tgt Ion: 97 Resp: 124505

Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 42.7 35.0 52.4





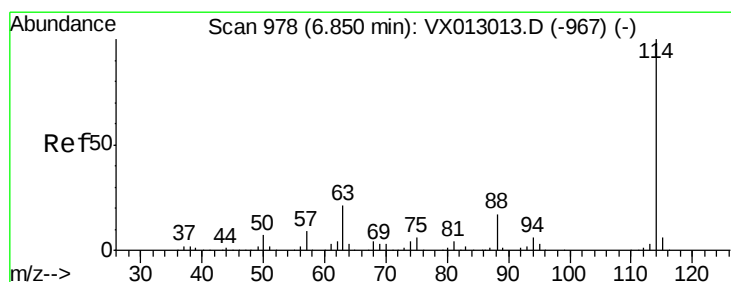
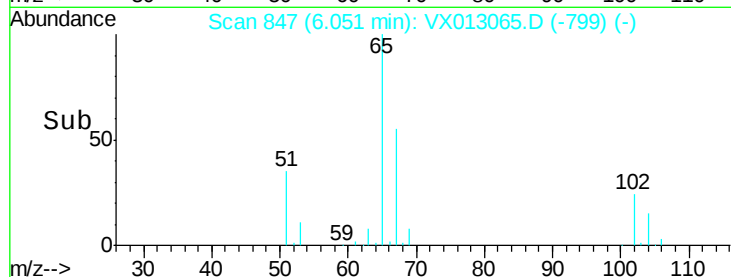
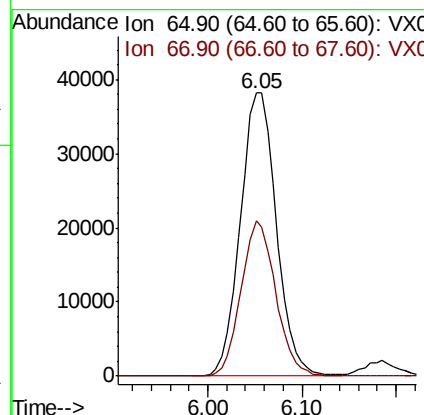
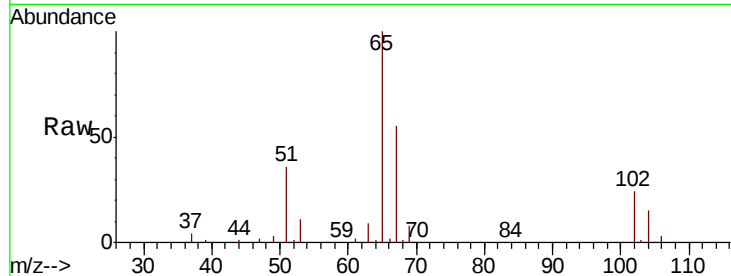
#33  
 1,2-Dichloroethane-d4  
 Concen: 57.141 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 102335 |       |       |
| 67      | 52.8  | 0.0    | 104.4 |       |

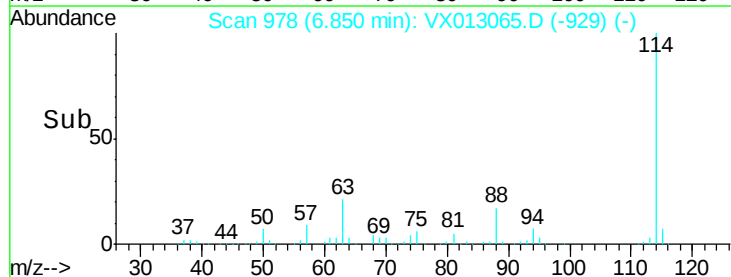
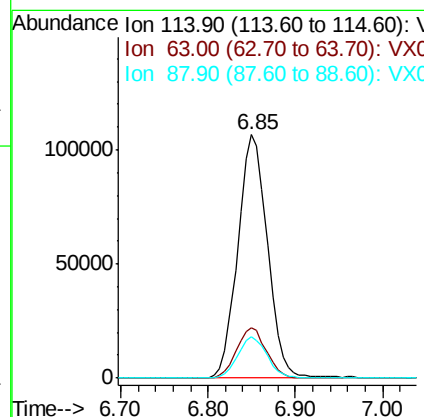
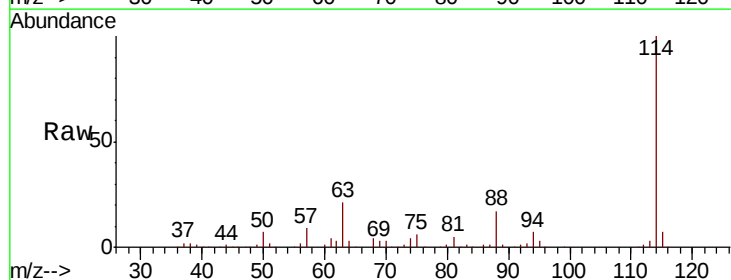
Manual Integrations  
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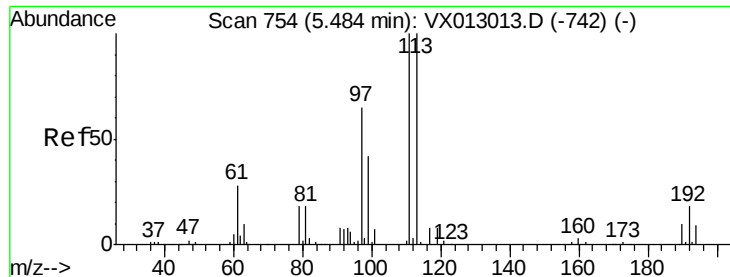
MMDadoda  
 10/15/2019 11:04:36 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 251722 |       |       |
| 63      | 20.6  | 0.0    | 40.8  |       |
| 88      | 16.8  | 0.0    | 33.8  |       |





#35

Dibromofluoromethane

Concen: 55.960 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

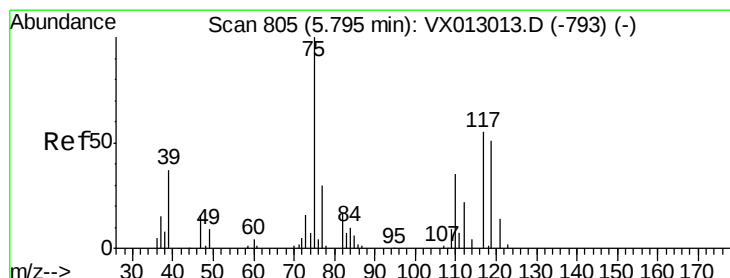
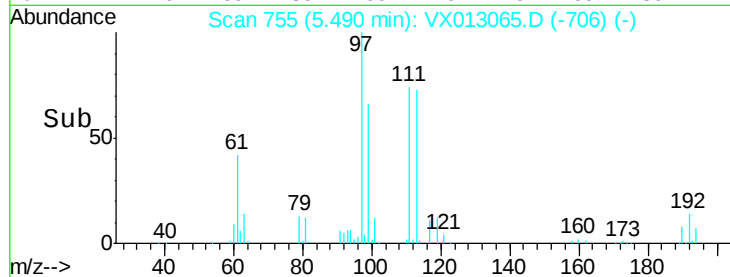
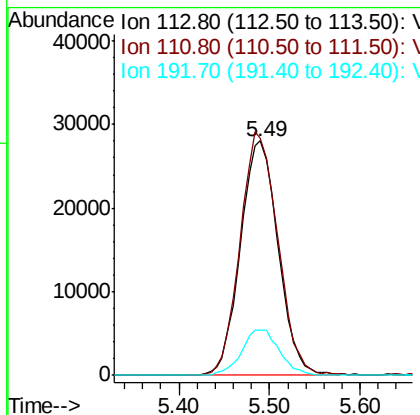
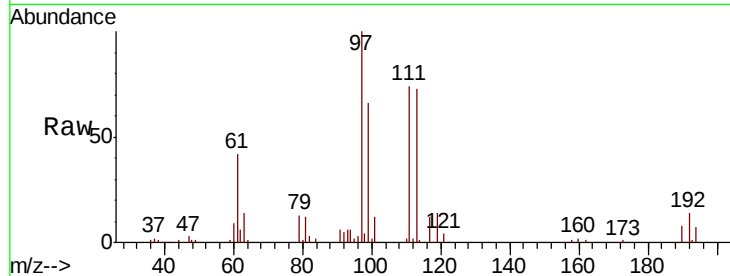
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 80848 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 103.9 | 83.2  | 124.8 |
| 192       | 19.6  | 15.4  | 23.2  |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 46.548 ug/l

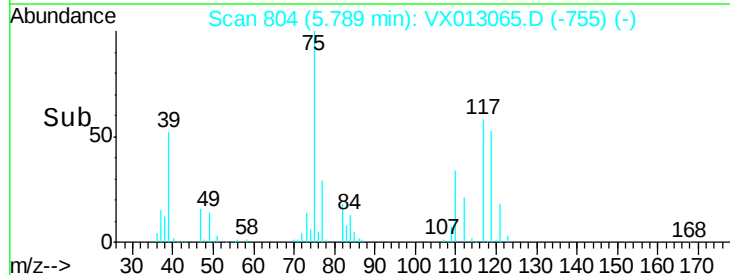
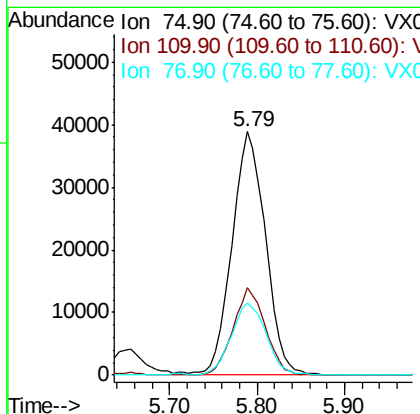
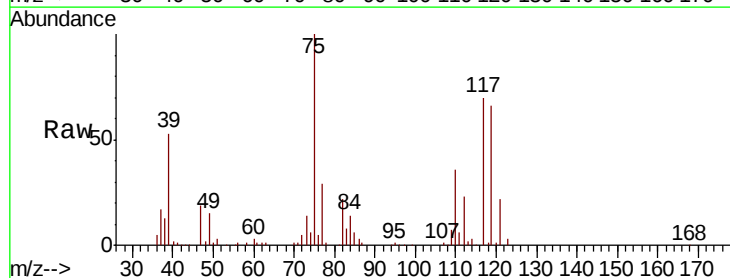
RT: 5.79 min Scan# 804

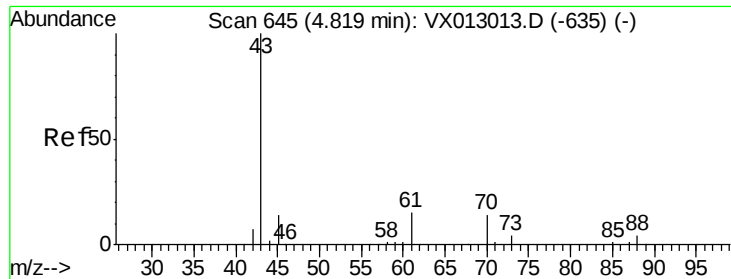
Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 103018 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 34.9  | 17.6  | 52.9   |
| 77        | 31.1  | 24.4  | 36.6   |





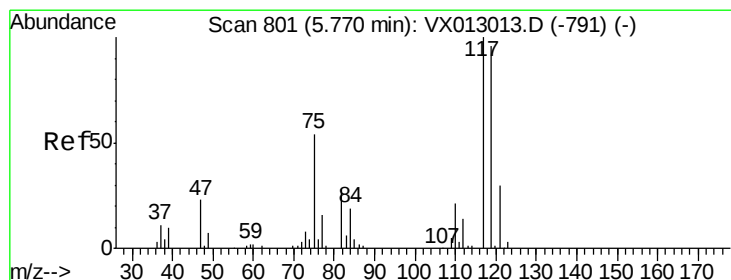
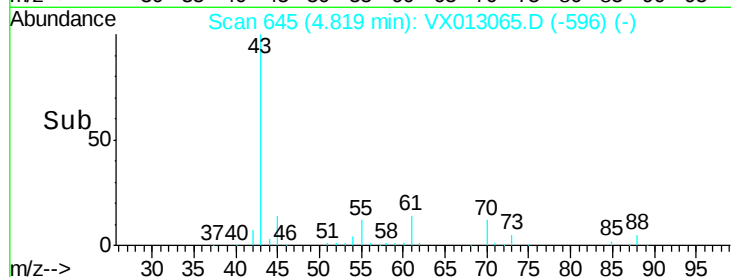
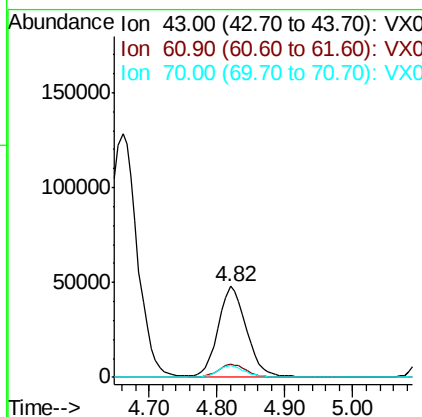
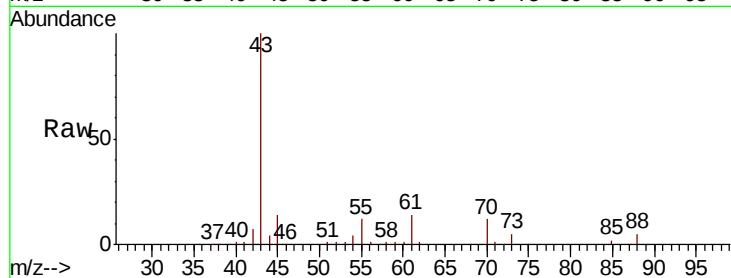
#37  
Ethyl Acetate  
Concen: 56.032 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.4  | 17.0  |
| 70      | 12.6  | 9.8   | 14.6  |

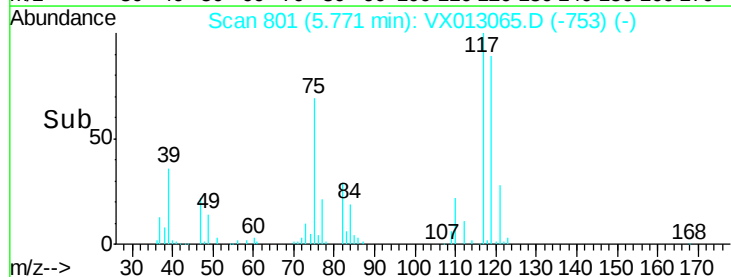
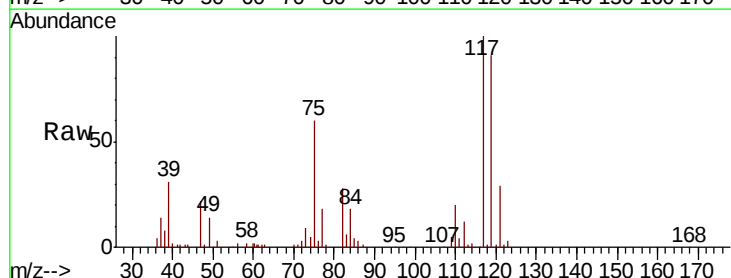
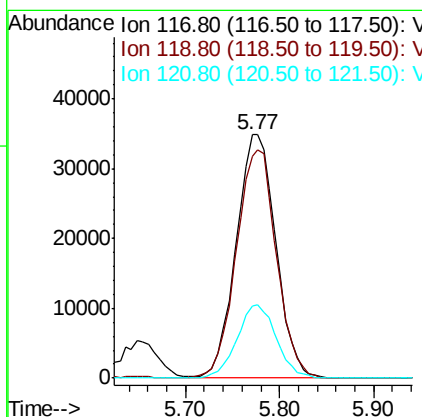
Manual Integrations  
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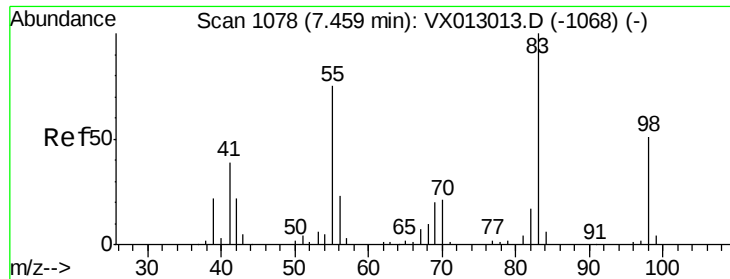
MMDadoda  
10/15/2019 11:04:36 AM



#38  
Carbon Tetrachloride  
Concen: 47.746 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.1  | 74.5  | 111.7 |
| 121     | 29.4  | 24.2  | 36.4  |





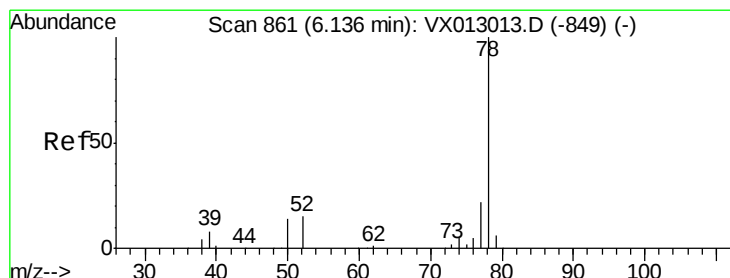
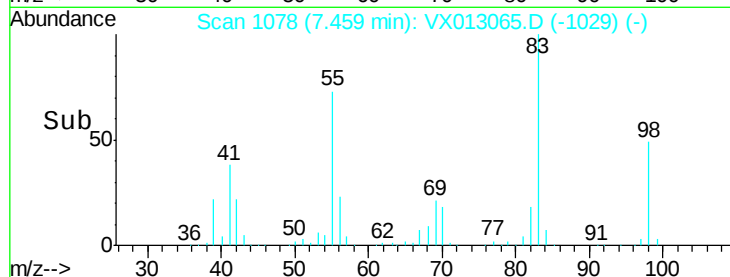
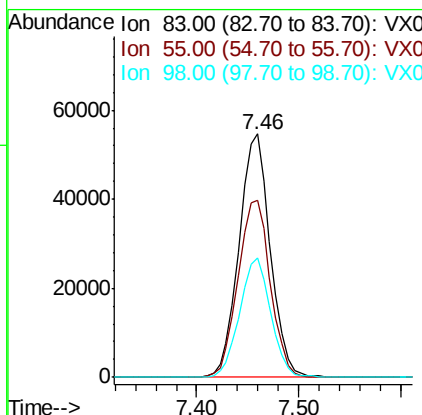
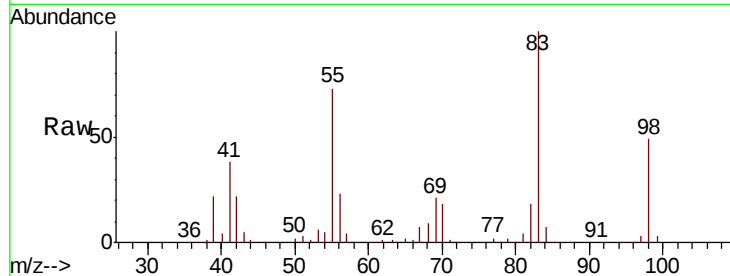
#39  
Methylvlcyclohexane  
Concen: 43.292 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 72.7  | 60.2 | 90.4  |       |
| 98      | 49.2  | 38.5 | 57.7  |       |

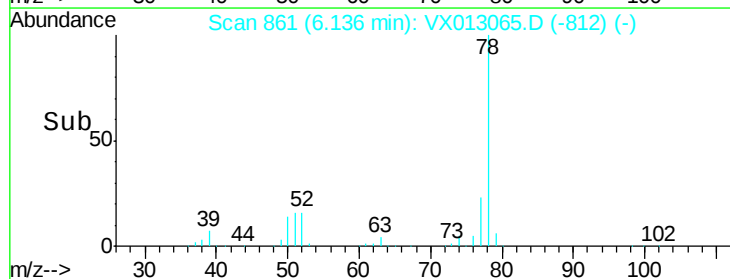
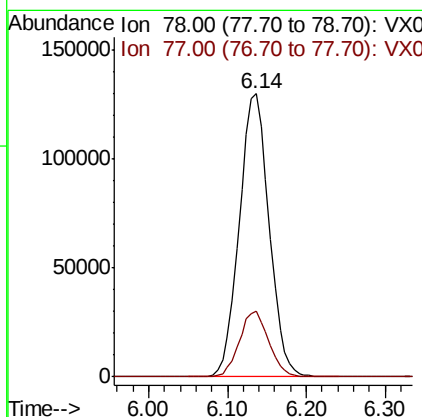
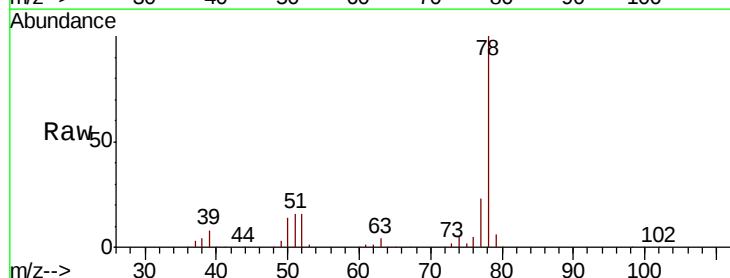
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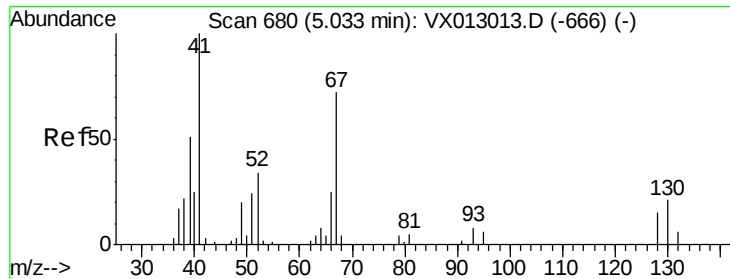
MMDadoda  
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#40  
Benzene  
Concen: 52.229 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.1  | 19.0 | 28.4  |       |





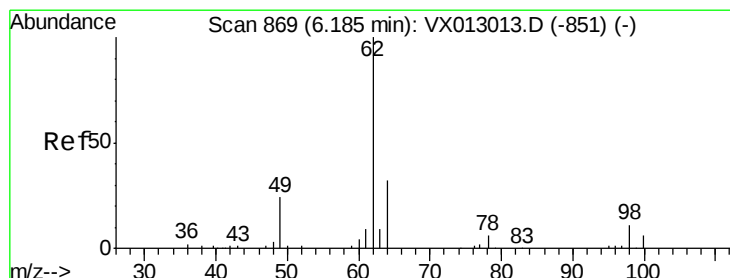
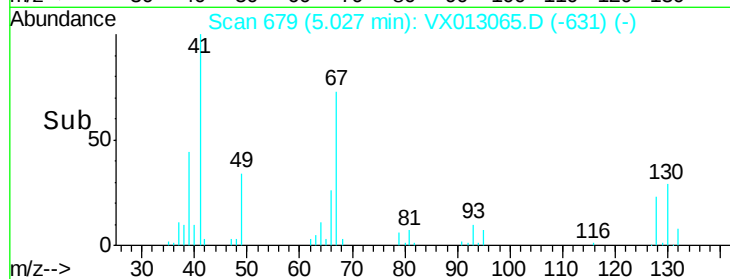
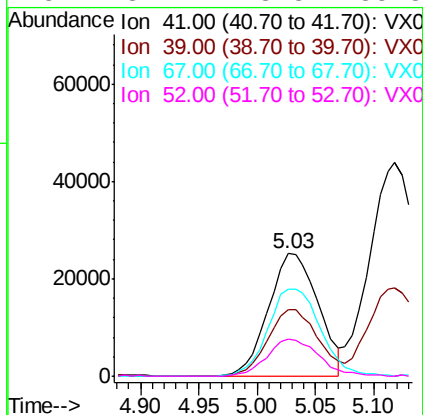
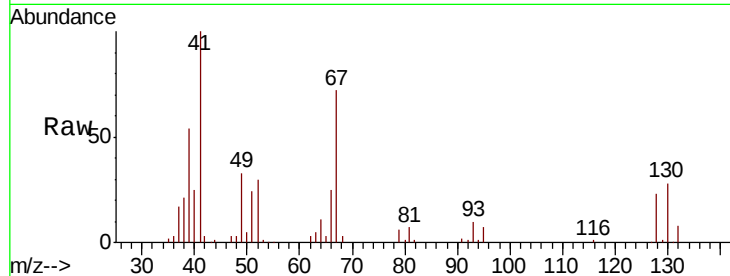
#41  
Methacrylonitrile  
Concen: 54.967 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.9 | 44.0  | 66.0  |       |
| 67      | 75.4 | 58.5  | 87.7  |       |
| 52      | 31.2 | 23.8  | 35.8  |       |

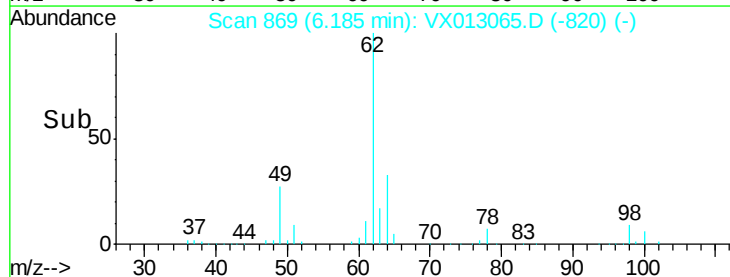
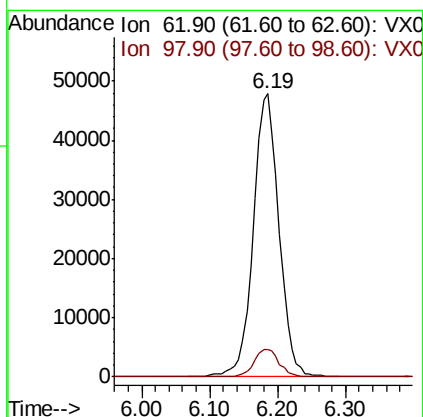
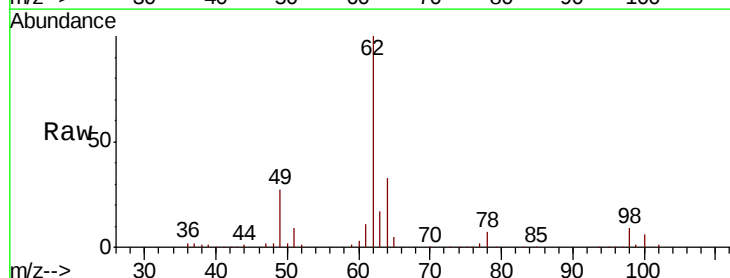
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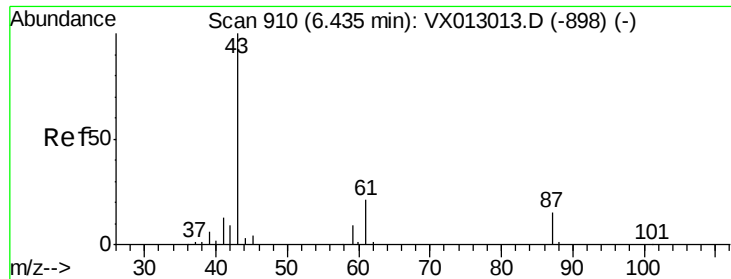
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#42  
1,2-Dichloroethane  
Concen: 53.723 ug/l  
RT: 6.19 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.5 | 0.0   | 20.4  |       |





#43

Isopropyl Acetate

Concen: 54.974 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

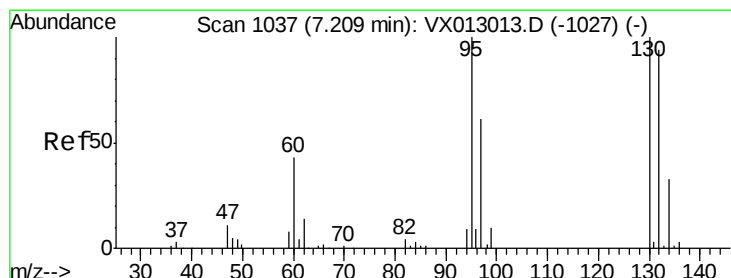
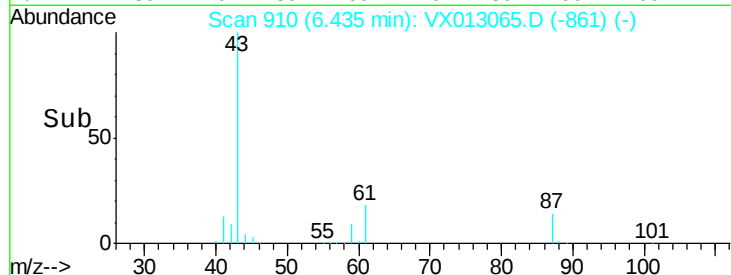
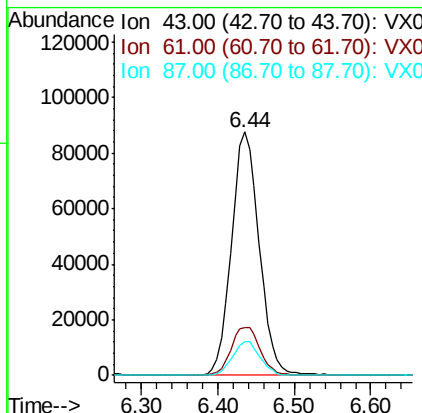
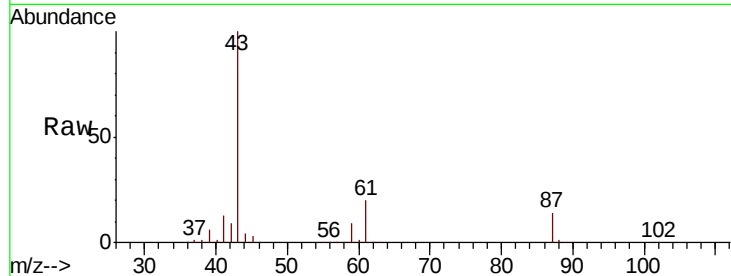
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 218357 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.8  | 16.6  | 24.8   |
| 87       | 14.0  | 11.0  | 16.6   |

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#44

Trichloroethene

Concen: 46.778 ug/l

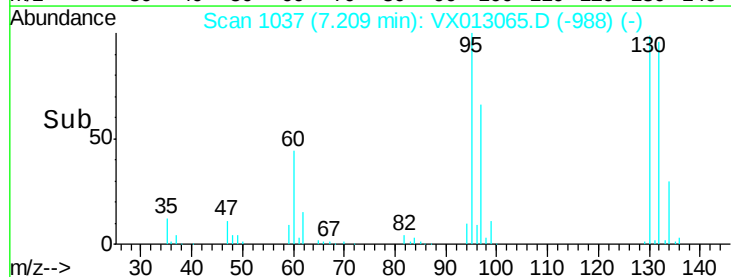
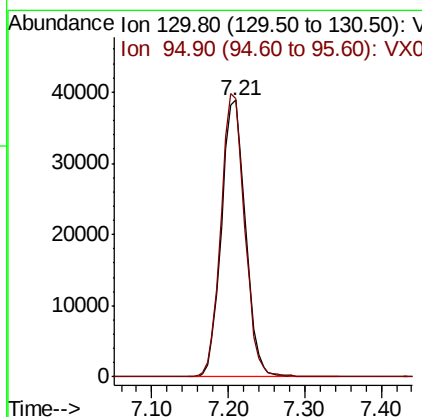
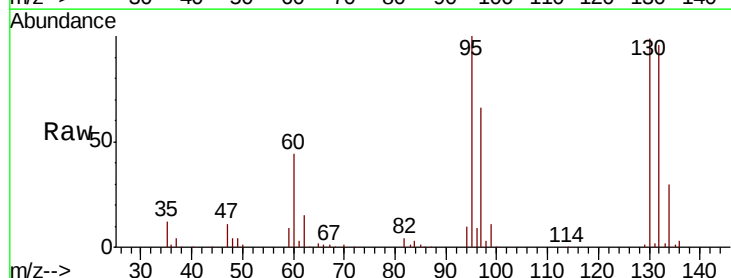
RT: 7.21 min Scan# 1037

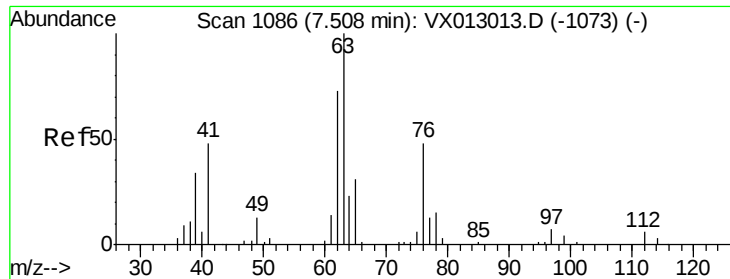
Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 84790 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.5 | 0.0   | 189.2 |





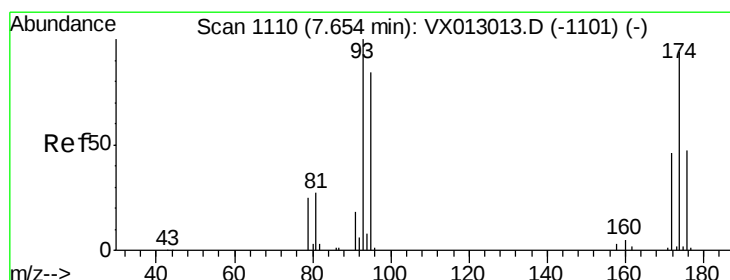
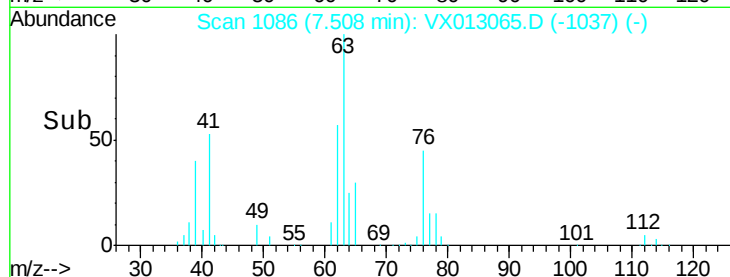
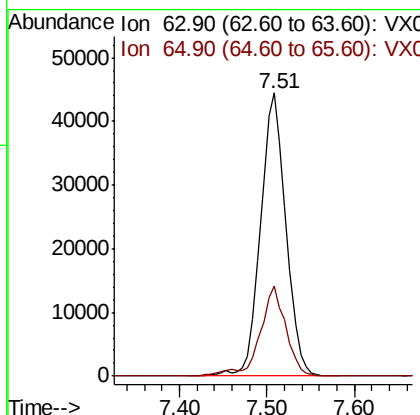
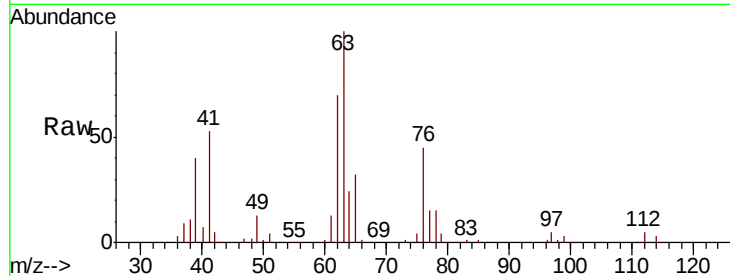
#45  
 1,2-Dichloropropane  
 Concen: 53.708 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 89475  
 Ion Ratio Lower Upper  
 63 100  
 65 31.9 24.6 37.0

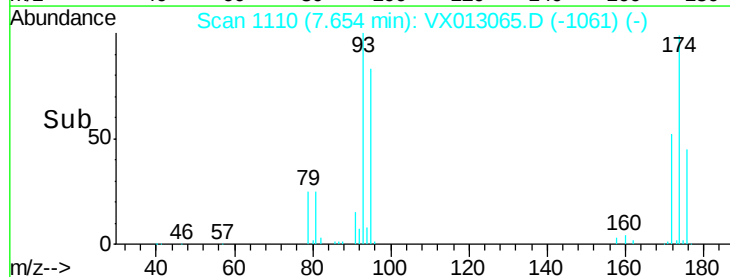
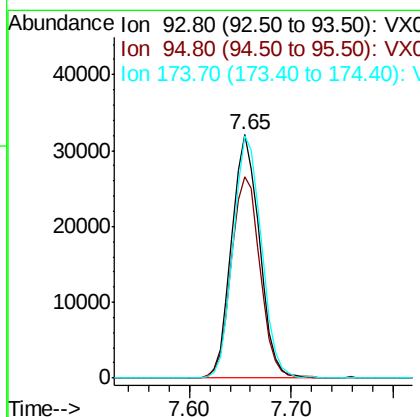
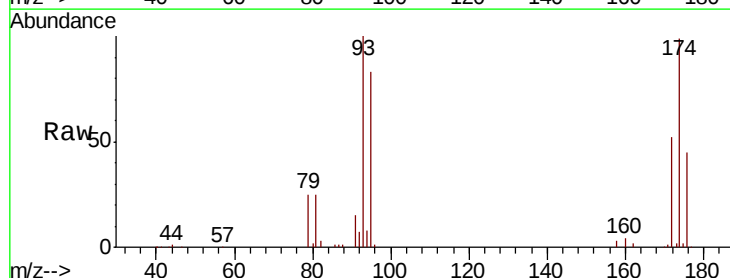
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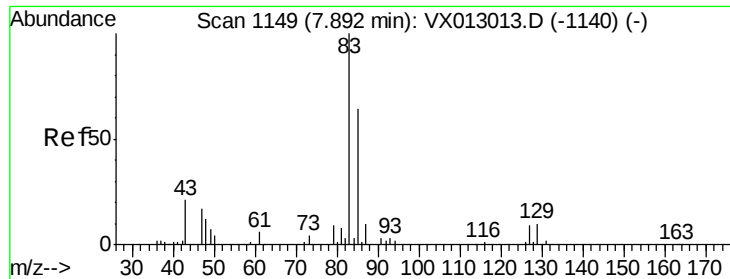
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#46  
 Dibromomethane  
 Concen: 54.465 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Tgt Ion: 93 Resp: 60454  
 Ion Ratio Lower Upper  
 93 100  
 95 85.2 66.3 99.5  
 174 101.2 77.8 116.6





#47

Bromodichloromethane

Concen: 53.713 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 116348

Ion Ratio Lower Upper

83 100

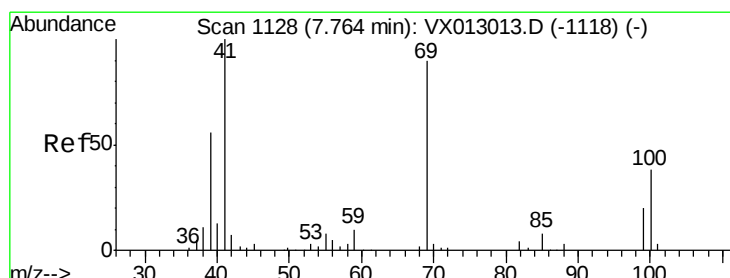
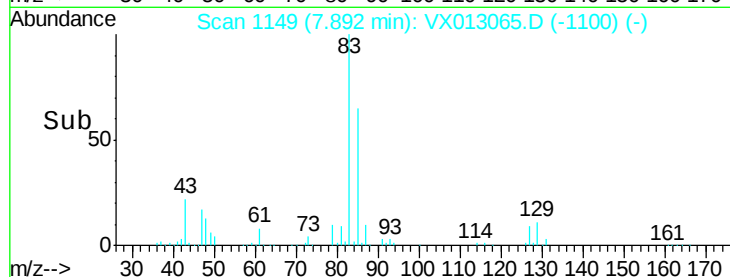
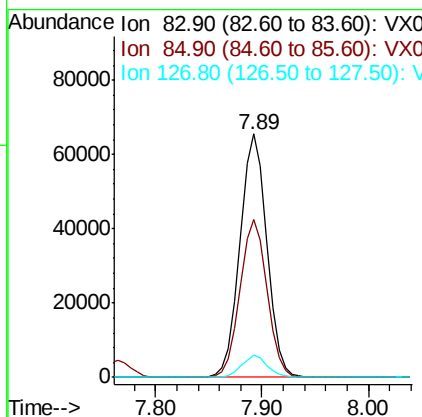
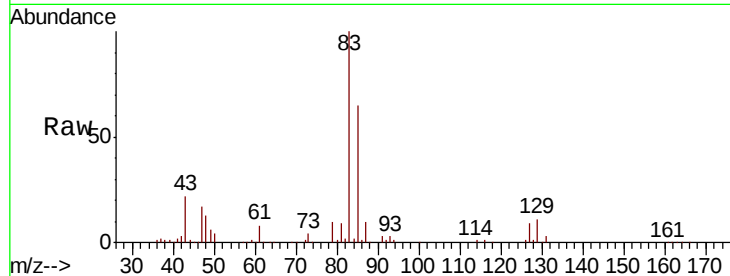
85 64.7 52.4 78.6

127 9.3 6.6 10.0

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#48

Methyl methacrylate

Concen: 53.841 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

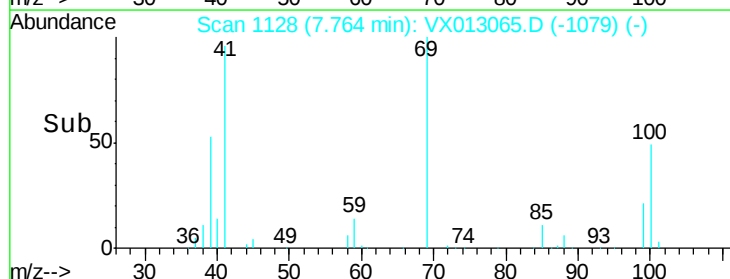
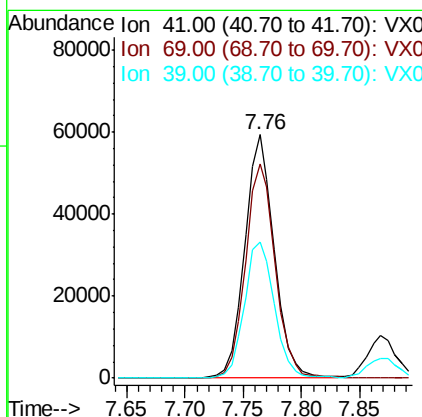
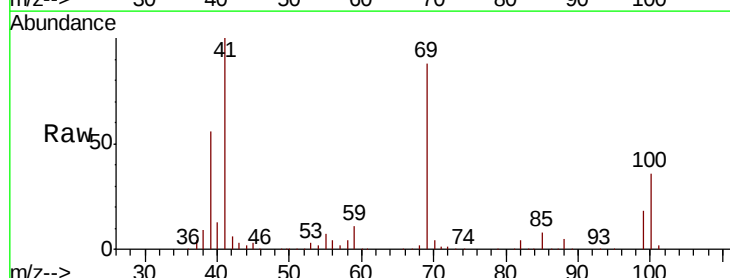
Tgt Ion: 41 Resp: 104215

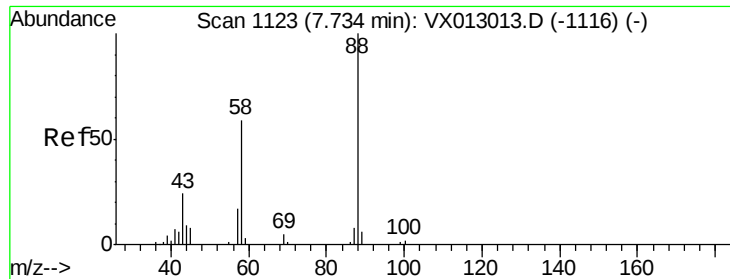
Ion Ratio Lower Upper

41 100

69 89.6 68.7 103.1

39 57.5 44.3 66.5





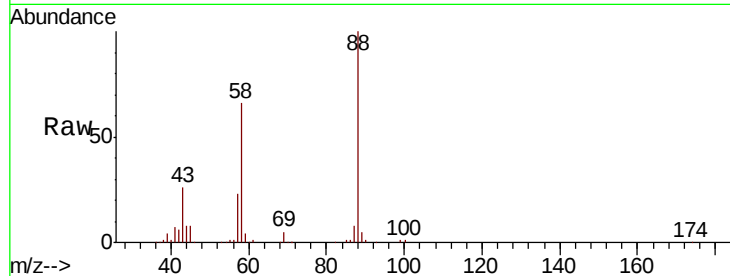
#49  
 1,4-Dioxane  
 Concen: 1069.602 ug/l  
 RT: 7.73 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

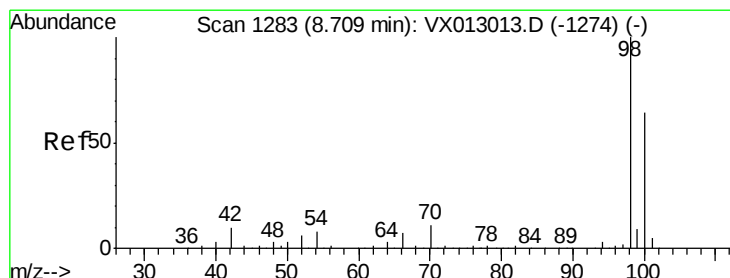
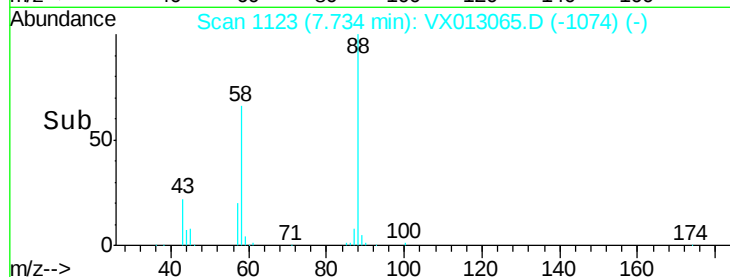
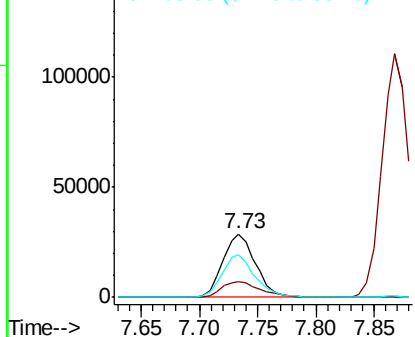
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.9  | 25.0  | 37.6  |
| 58      | 67.8  | 55.4  | 83.2  |

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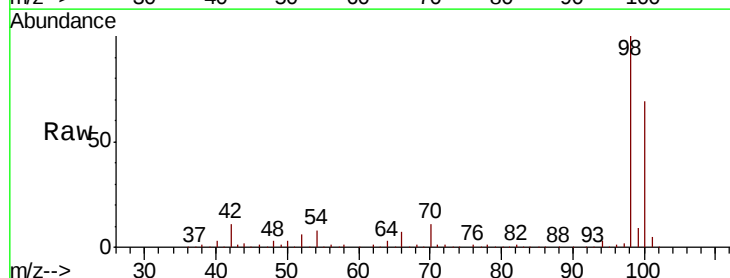


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

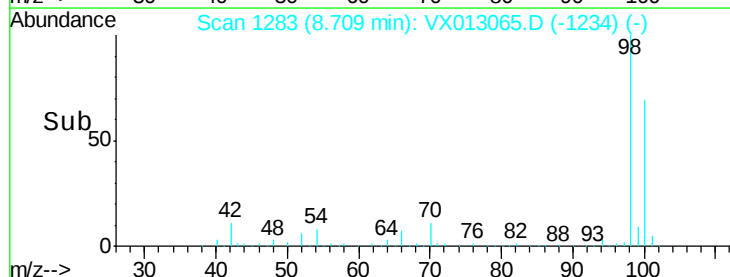
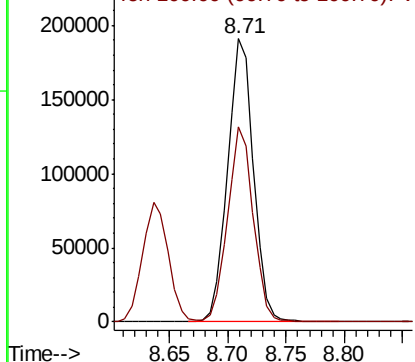


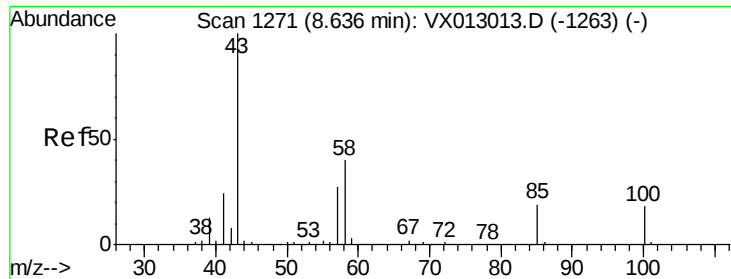
#50  
 Toluene-d8  
 Concen: 52.493 ug/l  
 RT: 8.71 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.5  | 53.4  | 80.2  |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 283.184 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 701295

Ion Ratio Lower Upper

43 100

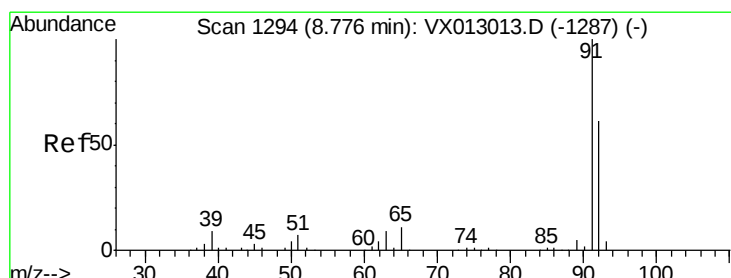
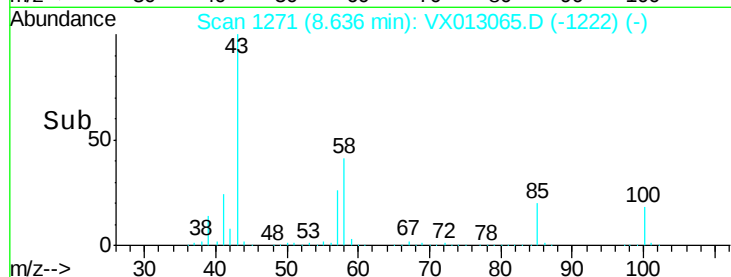
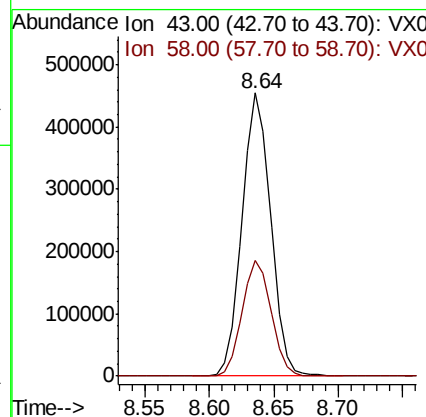
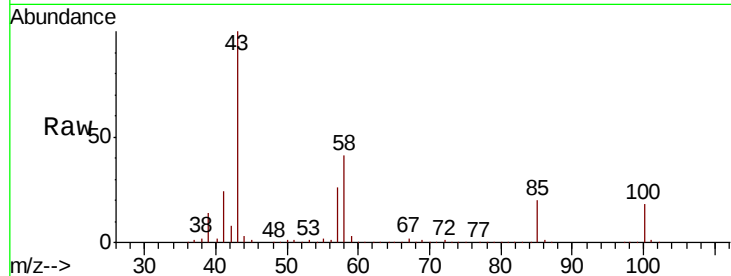
58 41.2 32.4 48.6

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#52

Toluene

Concen: 51.138 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013065.D

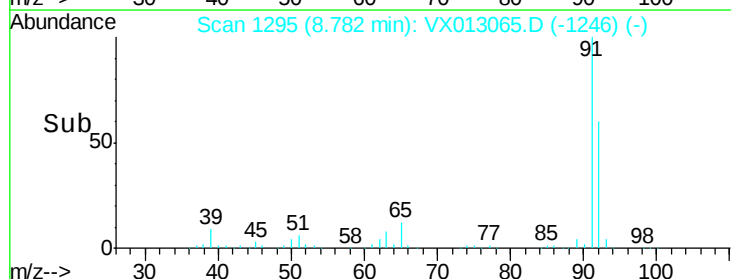
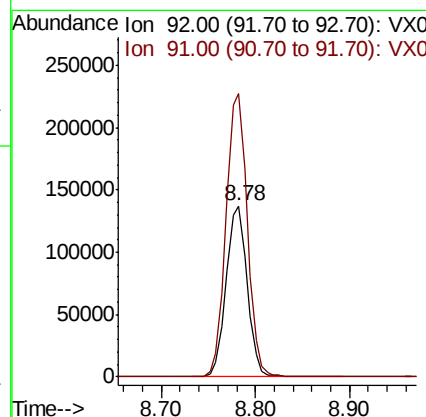
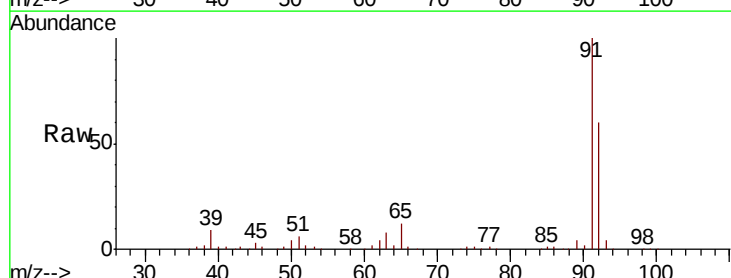
Acq: 14 Oct 2019 20:22

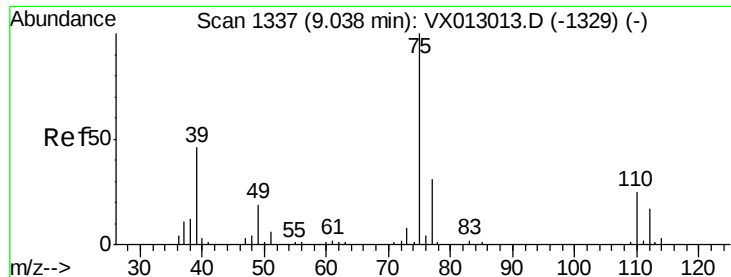
Tgt Ion: 92 Resp: 213848

Ion Ratio Lower Upper

92 100

91 166.7 135.9 203.9





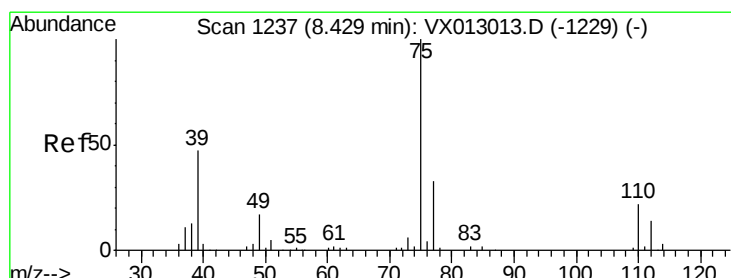
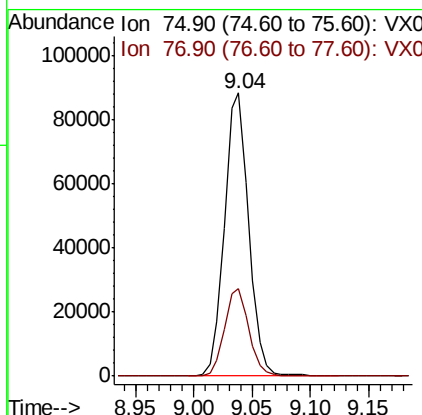
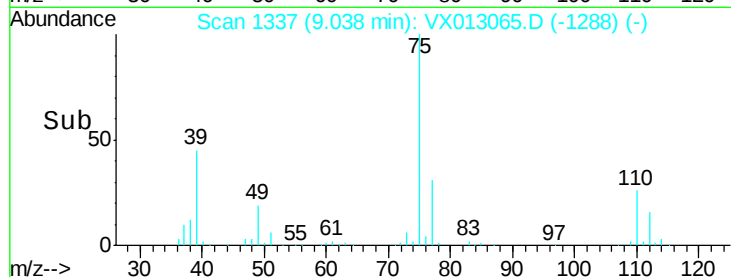
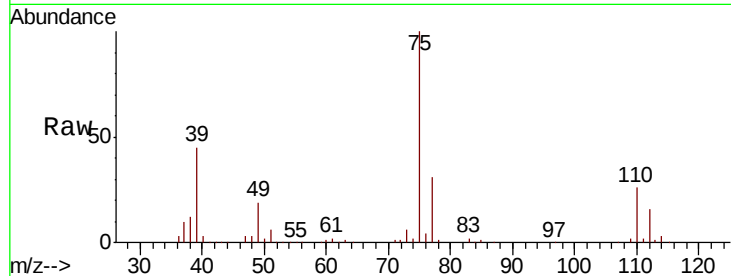
#53  
t-1,3-Dichloropropene  
Concen: 47.109 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 126991  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.8 38.6

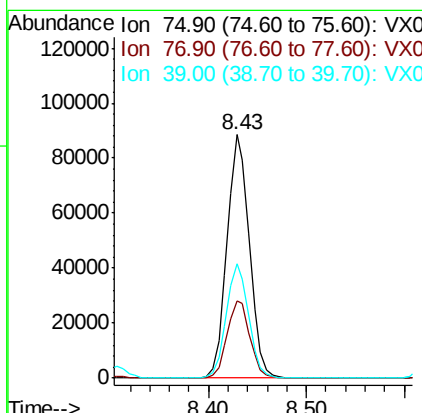
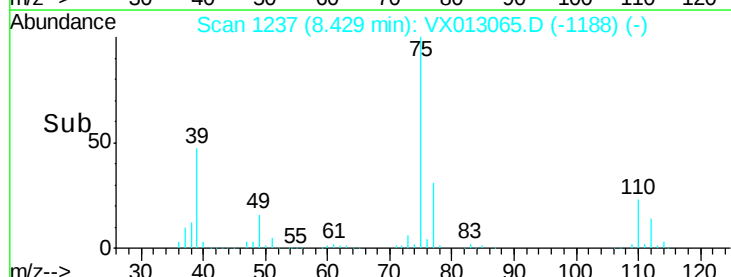
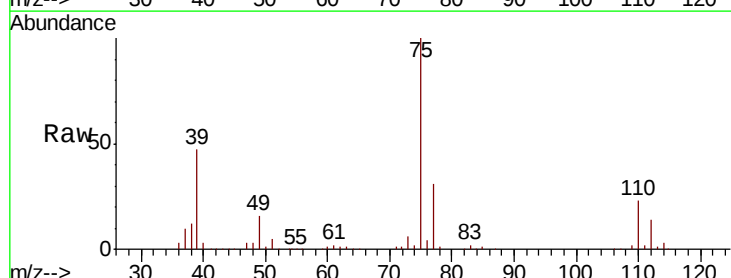
Manual Integrations  
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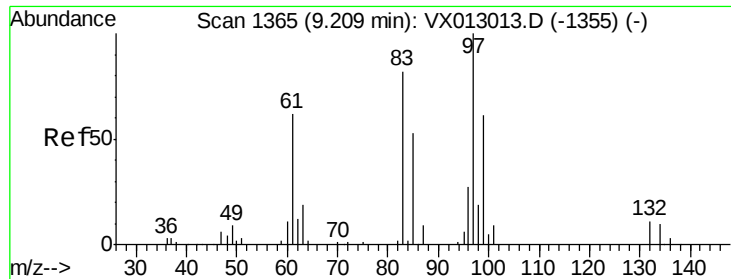
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 52.716 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Tgt Ion: 75 Resp: 140442  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.8 38.8  
39 46.8 38.2 57.2





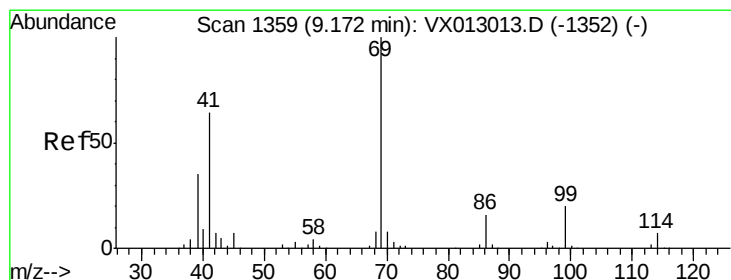
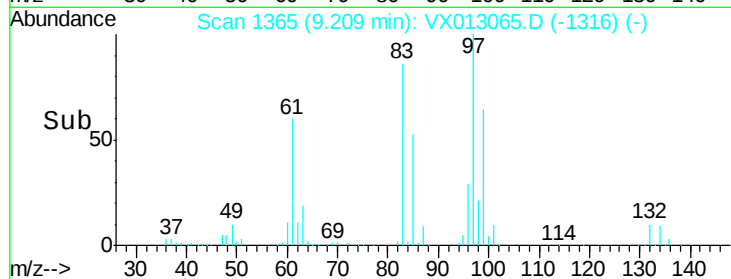
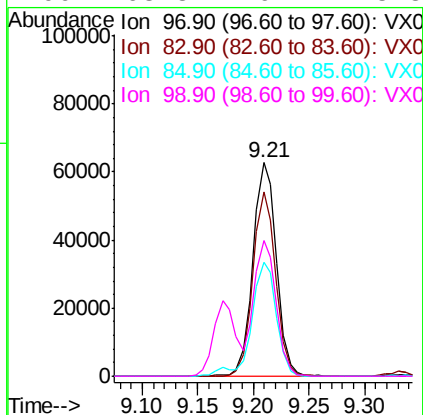
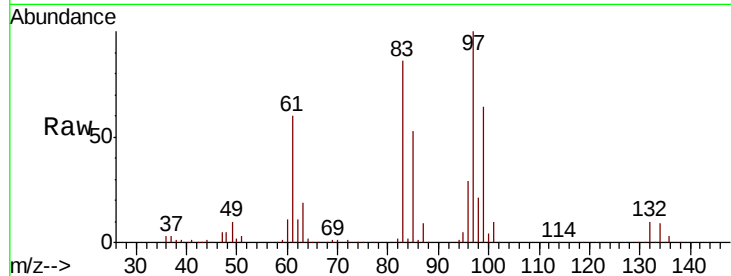
#55  
1,1,2-Trichloroethane  
Concen: 55.872 ug/l  
RT: 9.21 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 97    | Resp  | 92464 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 86.1  | 66.5  | 99.7  |
| 85      | 53.4  | 43.1  | 64.7  |
| 99      | 63.8  | 49.2  | 73.8  |

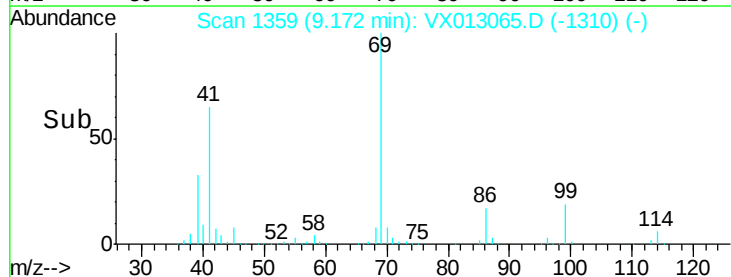
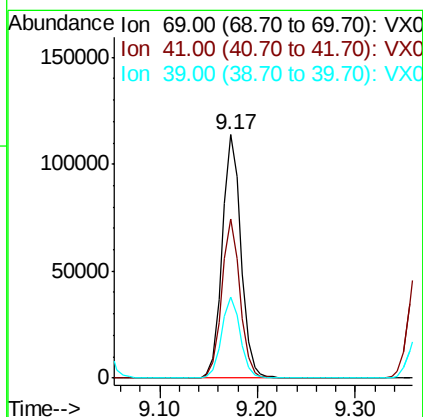
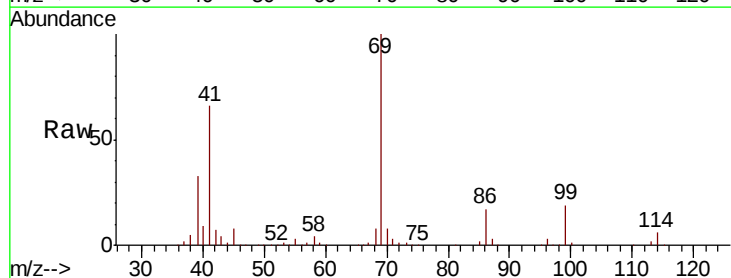
Manual Integrations  
APPROVED

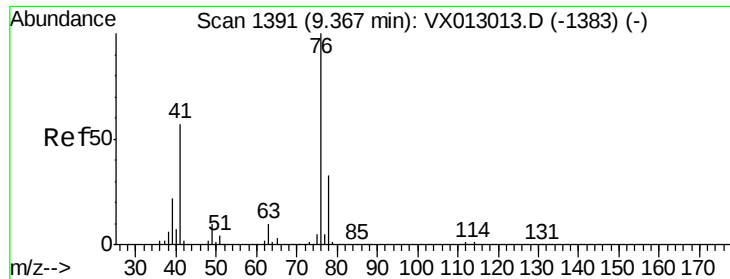
MMDadoda  
10/15/2019 11:04:36 AM



#56  
Ethyl methacrylate  
Concen: 51.034 ug/l  
RT: 9.17 min Scan# 1359  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | 69    | Resp  | 151354 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 64.0  | 52.1  | 78.1   |
| 39      | 33.1  | 27.8  | 41.8   |





#57

1,3-Dichloropropane

Concen: 54.342 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 155567

Ion Ratio Lower Upper

76 100

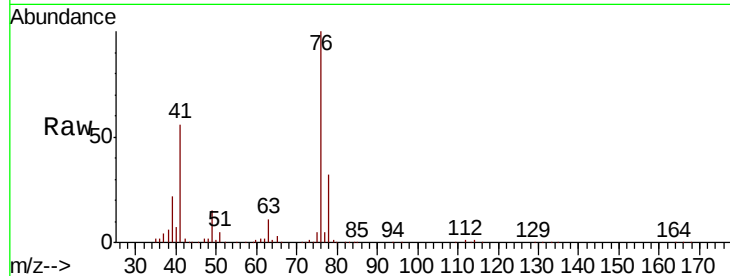
78 32.0 26.1 39.1

Manual Integrations

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MMDadoda

10/15/2019 11:04:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

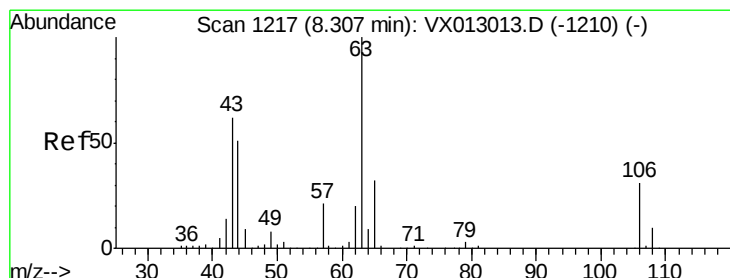
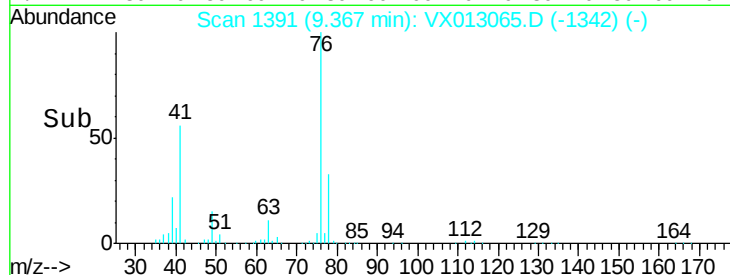
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.175 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013065.D

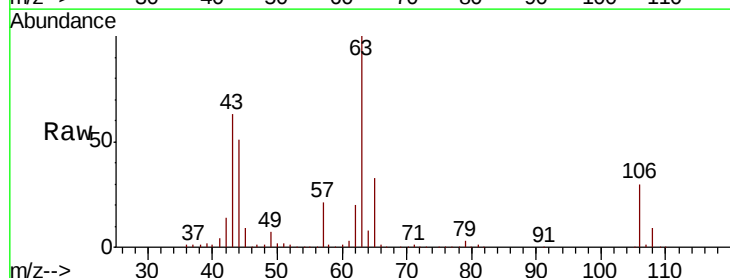
Acq: 14 Oct 2019 20:22

Tgt Ion: 63 Resp: 343053

Ion Ratio Lower Upper

63 100

106 30.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

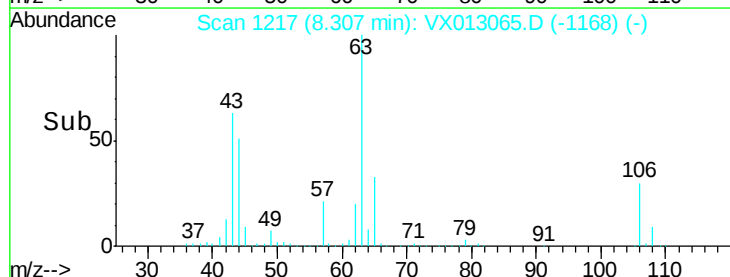
150000

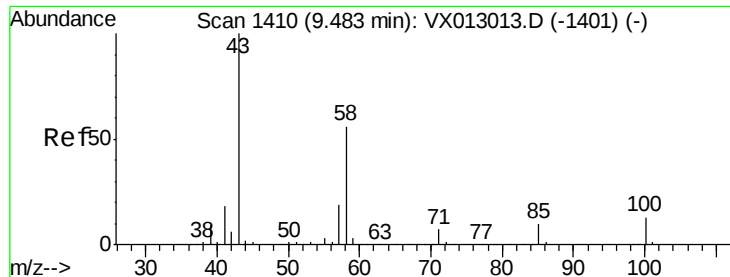
100000

50000

0

Time-->





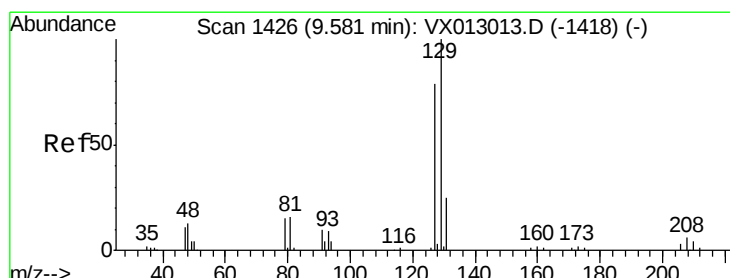
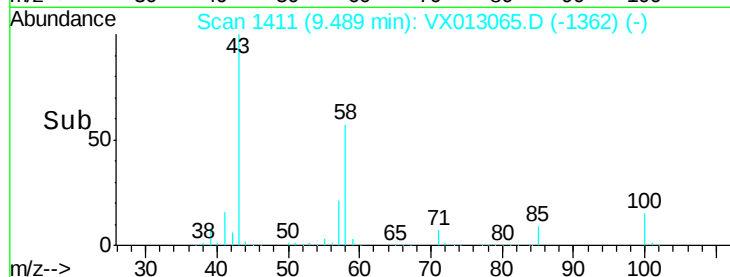
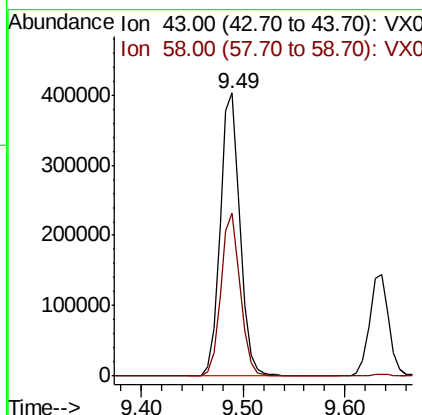
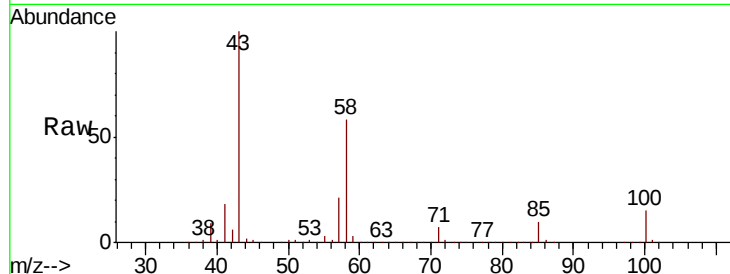
#59  
2-Hexanone  
Concen: 283.278 ug/l  
RT: 9.49 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 546095  
Ion Ratio Lower Upper  
43 100  
58 56.3 28.1 84.3

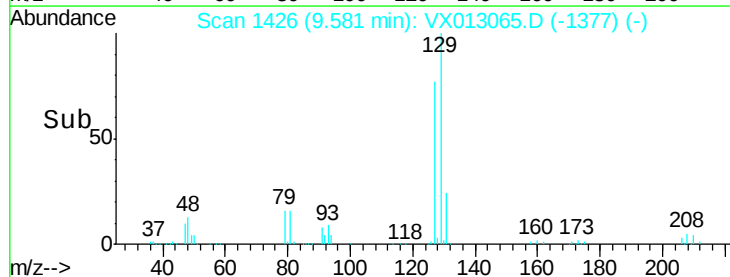
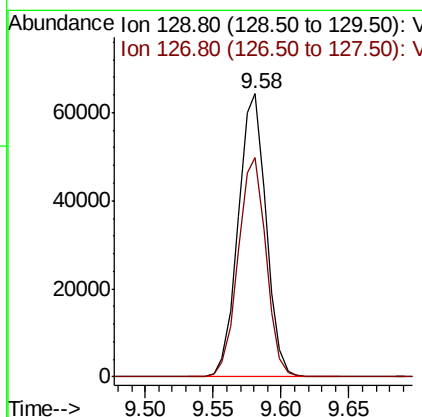
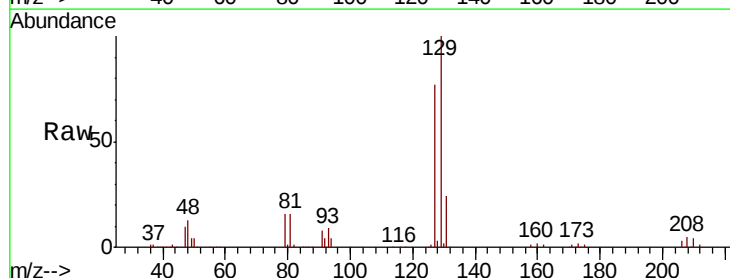
Manual Integrations  
APPROVED

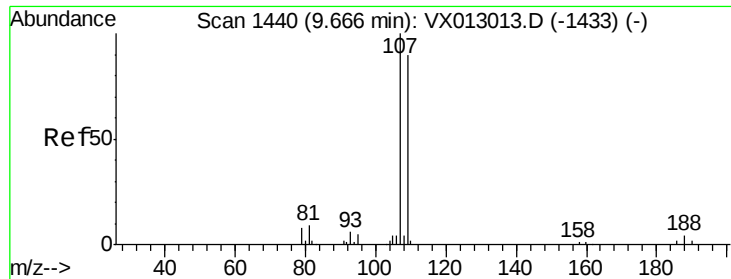
MMDadoda  
10/15/2019 11:04:36 AM



#60  
Dibromochloromethane  
Concen: 49.838 ug/l  
RT: 9.58 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Tgt Ion: 129 Resp: 91772  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.104 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 94189

Ion Ratio Lower Upper

107 100

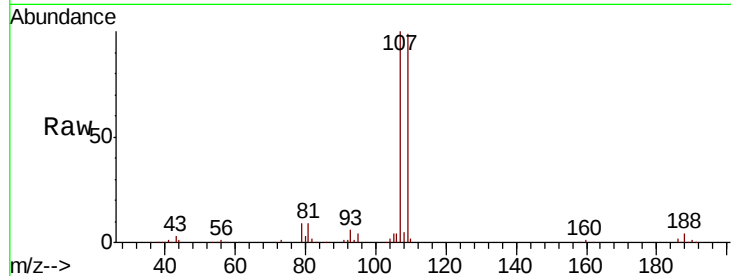
109 95.5 75.8 113.6

Manual Integrations

APPROVED

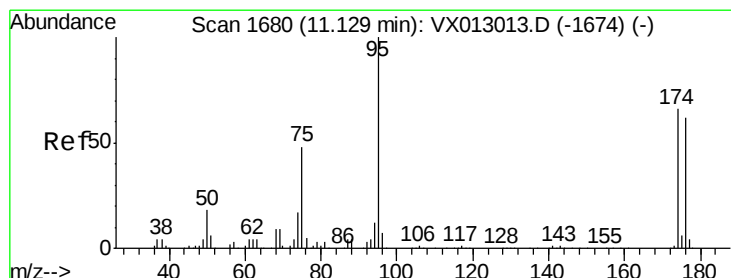
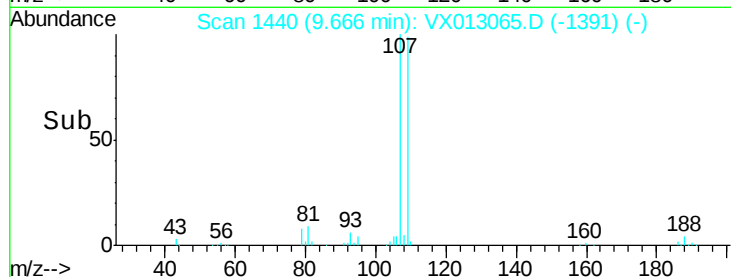
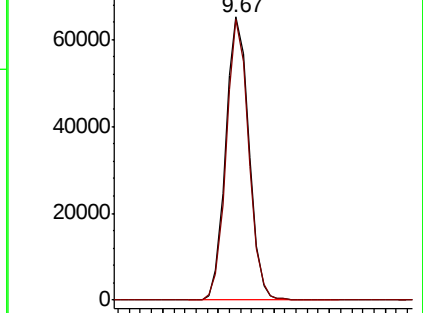
MMDadoda

10/15/2019 11:04:36 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.996 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

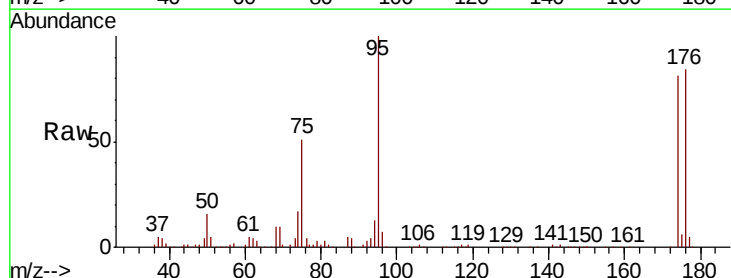
Tgt Ion: 95 Resp: 111654

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.4

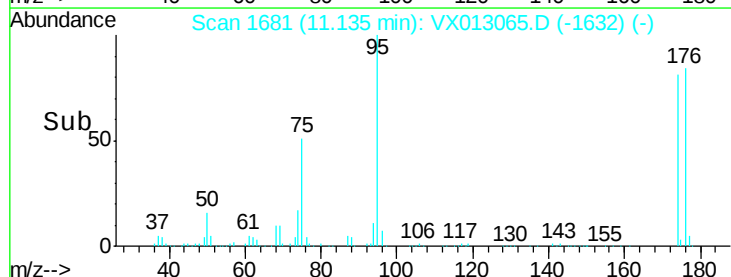
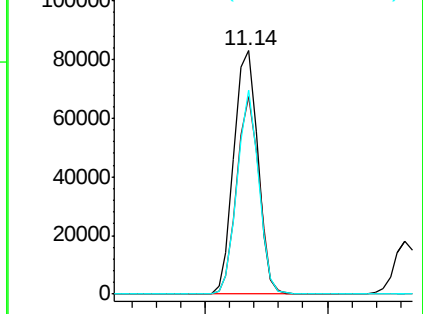
176 75.1 0.0 136.0

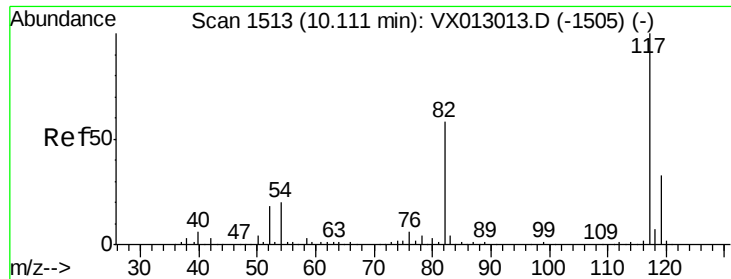


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





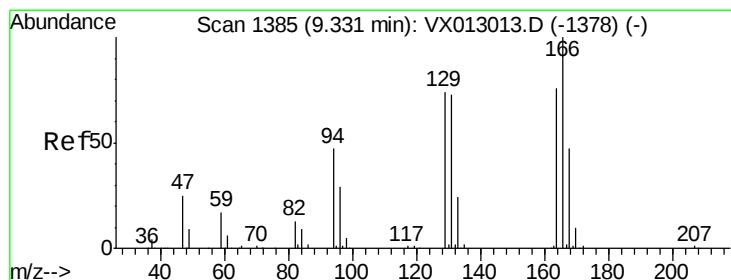
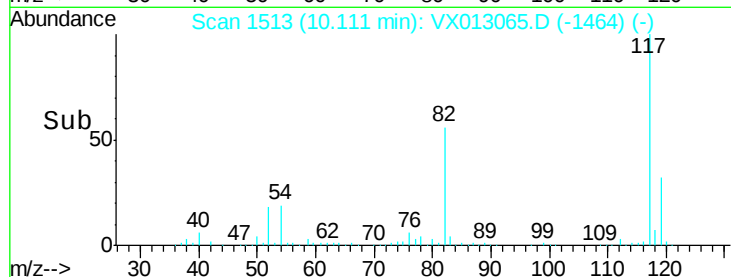
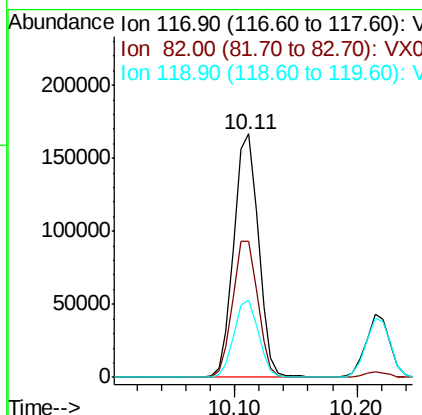
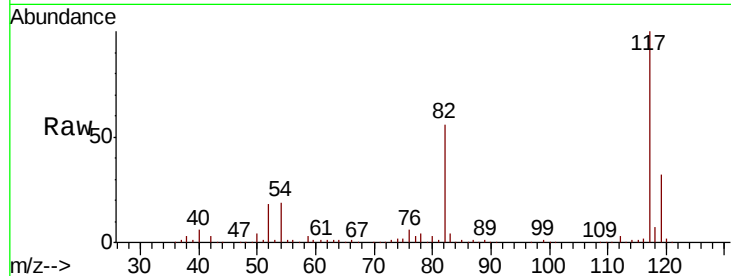
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.1  | 44.1  | 66.1  |
| 119     | 31.8  | 25.8  | 38.8  |

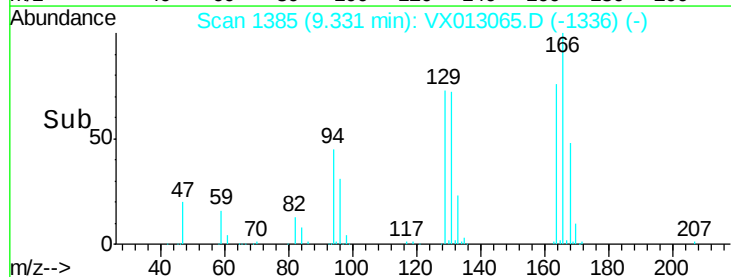
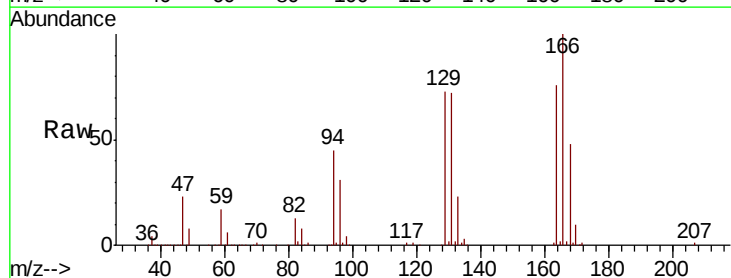
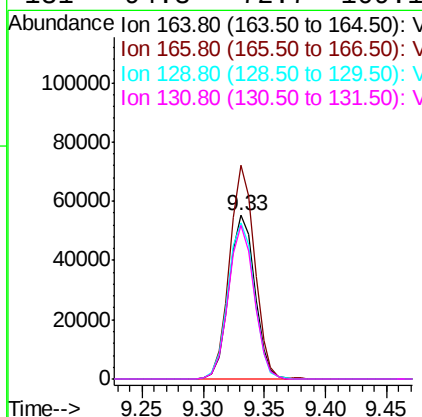
Manual Integrations  
APPROVED

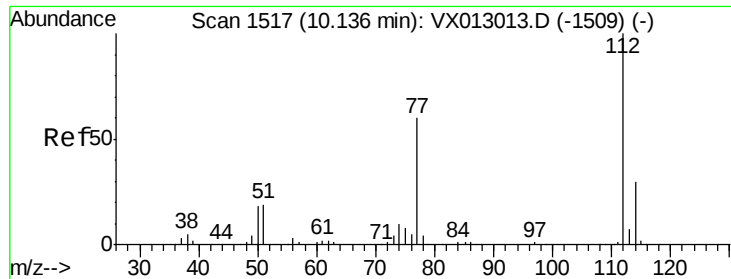
MMDadoda  
10/15/2019 11:04:36 AM



#64  
Tetrachloroethene  
Concen: 49.975 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.8 | 96.9  | 145.3 |
| 129     | 95.5  | 77.9  | 116.9 |
| 131     | 94.3  | 72.7  | 109.1 |





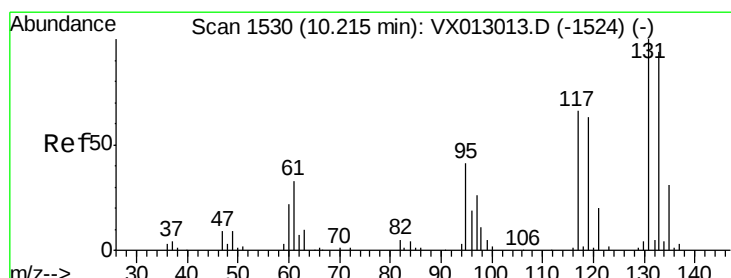
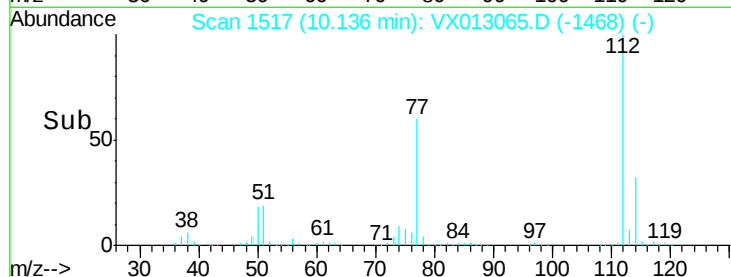
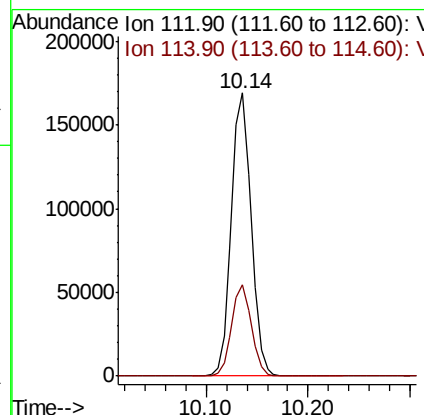
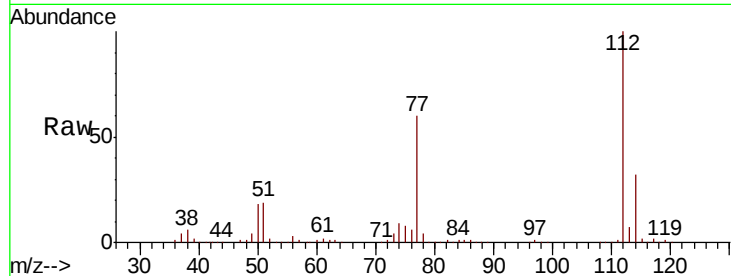
#65  
Chlorobenzene  
Concen: 49.511 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 227730  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.7 38.5

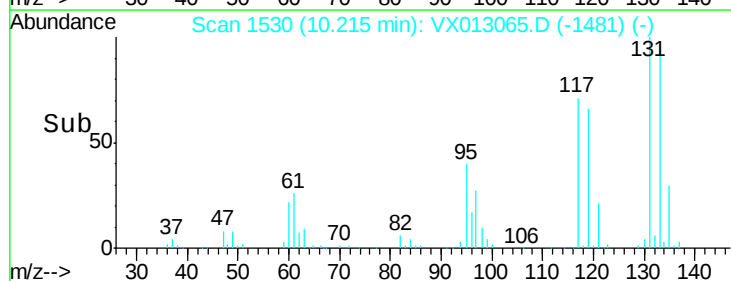
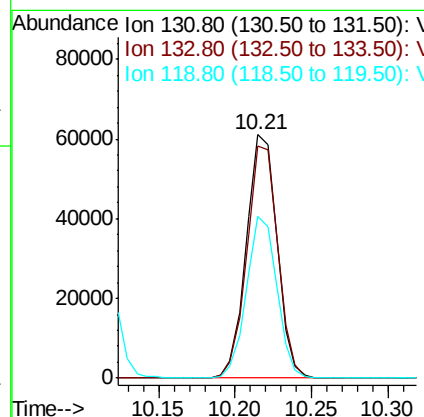
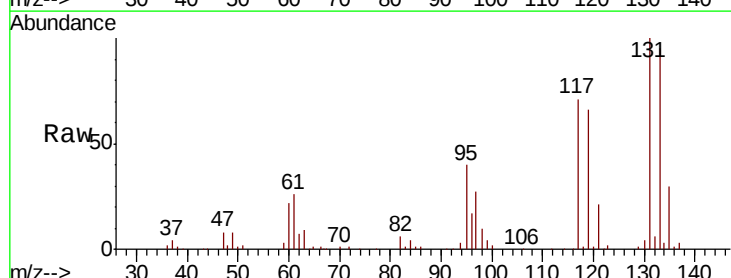
Manual Integrations  
APPROVED

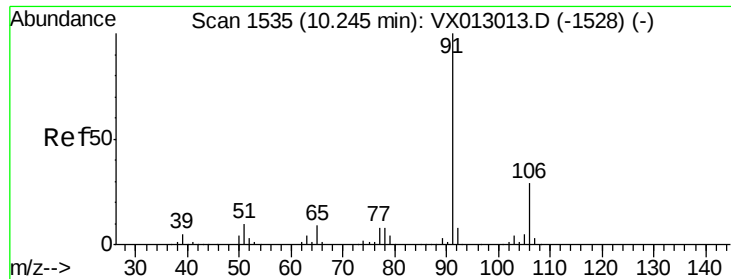
MMDadoda  
10/15/2019 11:04:36 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.355 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Tgt Ion:131 Resp: 85089  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.2 141.6  
119 65.8 32.6 98.0





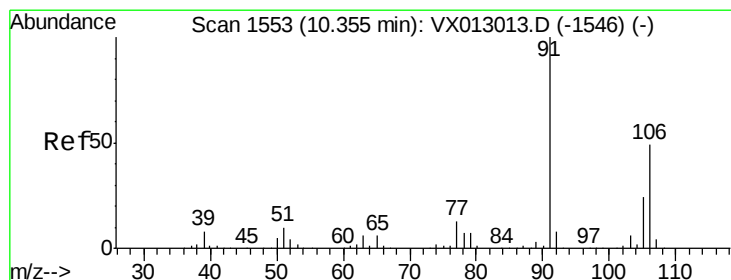
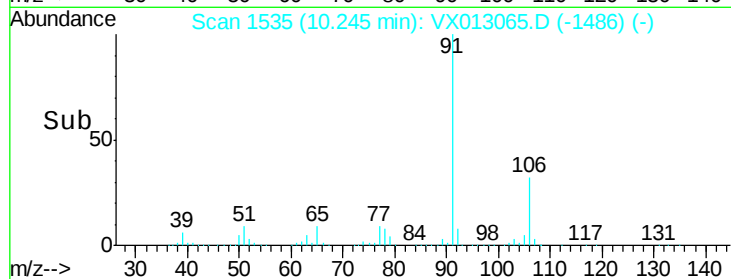
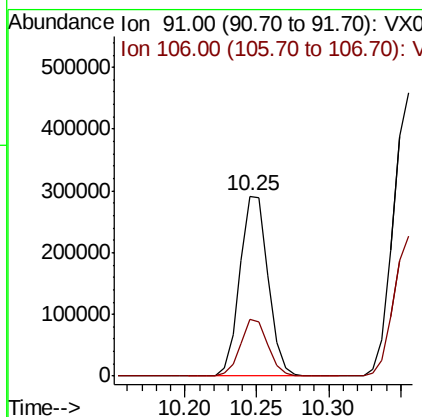
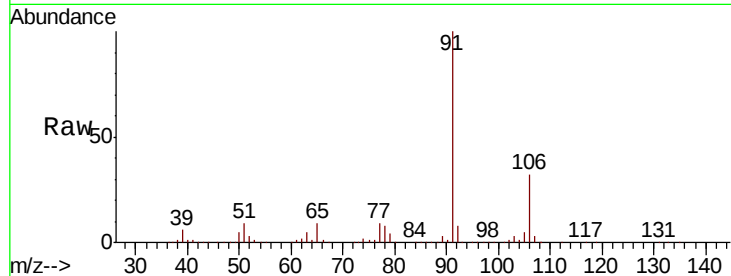
#67  
Ethyl Benzene  
Concen: 48.609 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 397141  
Ion Ratio Lower Upper  
91 100  
106 31.9 23.9 35.9

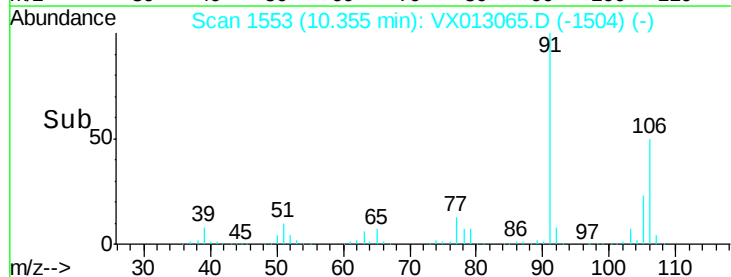
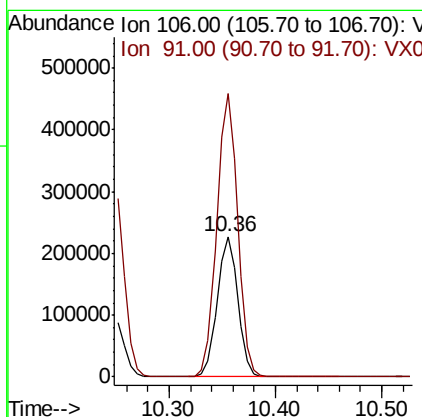
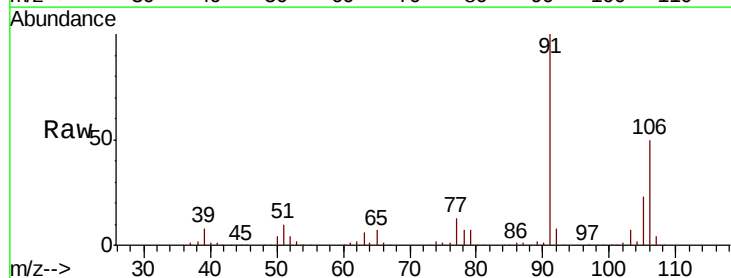
Manual Integrations  
APPROVED

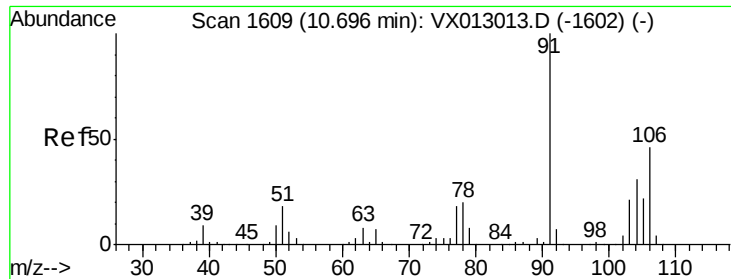
MMDadoda  
10/15/2019 11:04:36 AM



#68  
m/p-Xylenes  
Concen: 99.781 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Tgt Ion: 106 Resp: 304554  
Ion Ratio Lower Upper  
106 100  
91 204.7 165.3 247.9





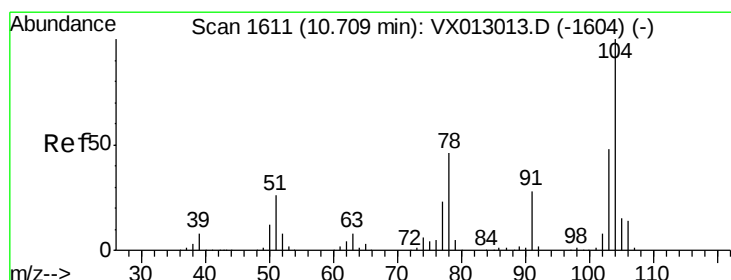
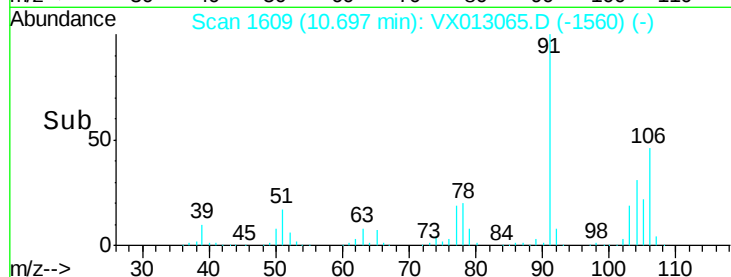
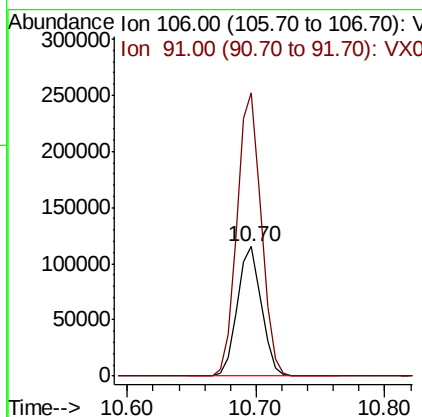
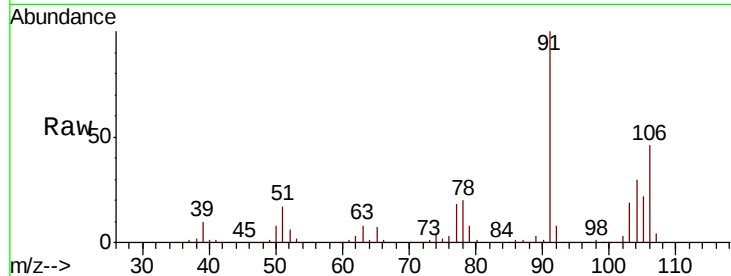
#69  
o-Xylene  
Concen: 50.366 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 219.3 | 109.1 | 327.3 |       |       |

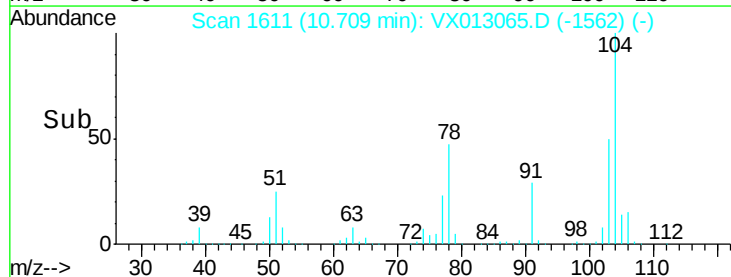
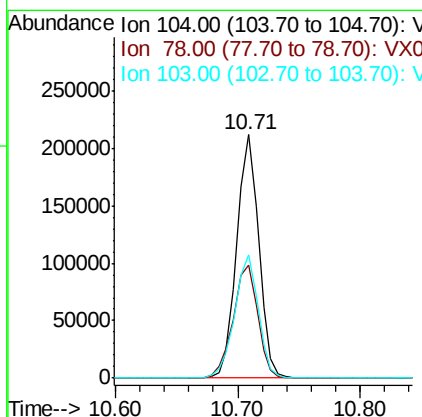
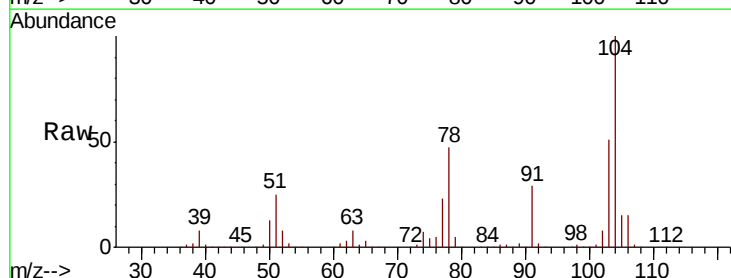
Manual Integrations  
APPROVED

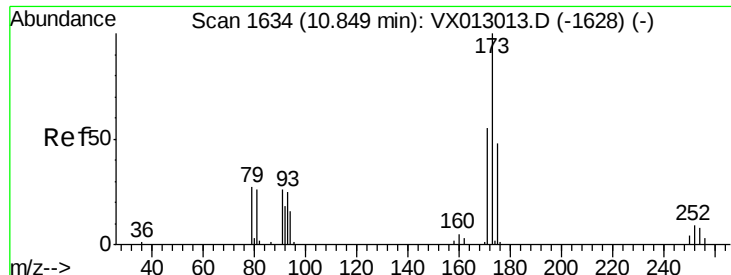
MMDadoda  
10/15/2019 11:04:36 AM



#70  
Styrene  
Concen: 52.055 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 52.1 | 41.2  | 61.8 |       |       |
| 103     | 54.4 | 43.0  | 64.4 |       |       |





#71

Bromoform

Concen: 47.110 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 63741

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

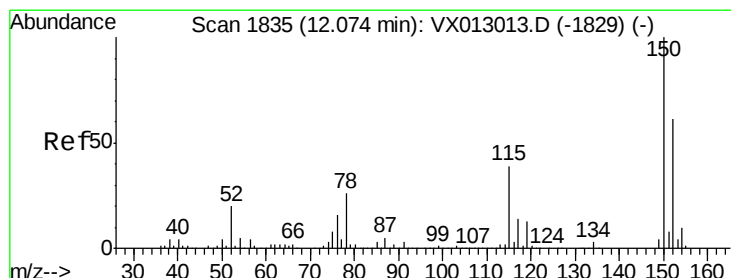
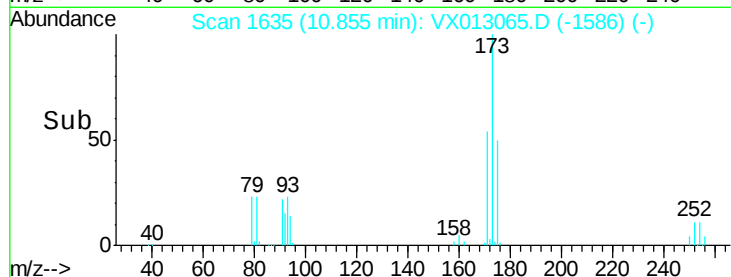
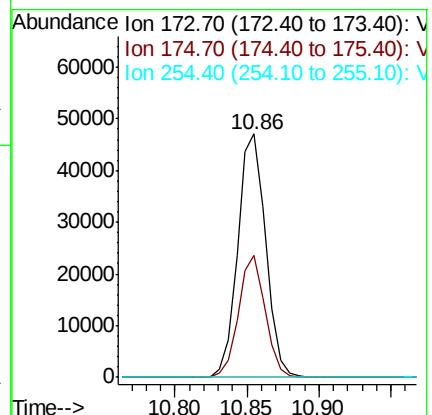
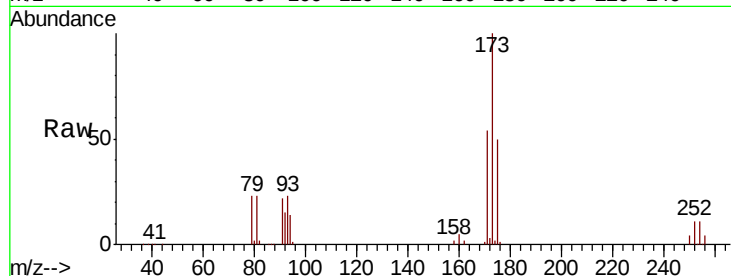
254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

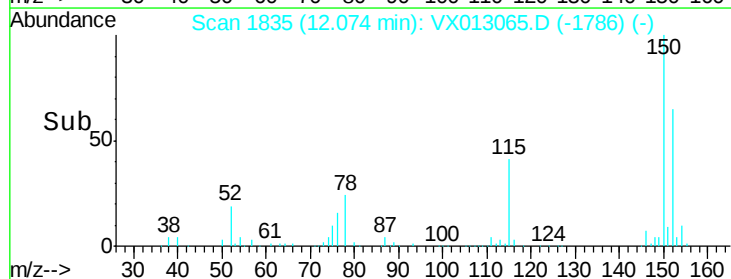
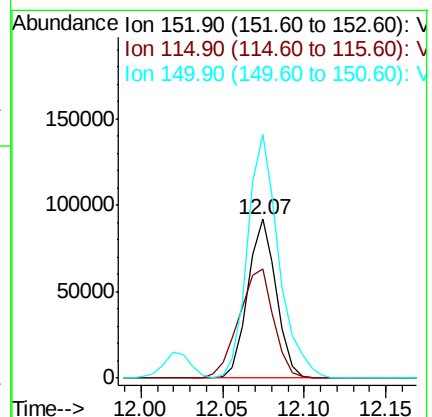
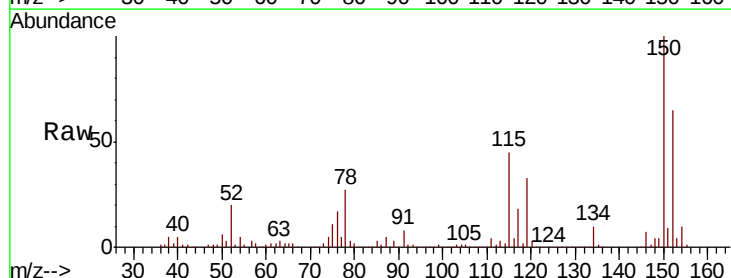
Tgt Ion:152 Resp: 111222

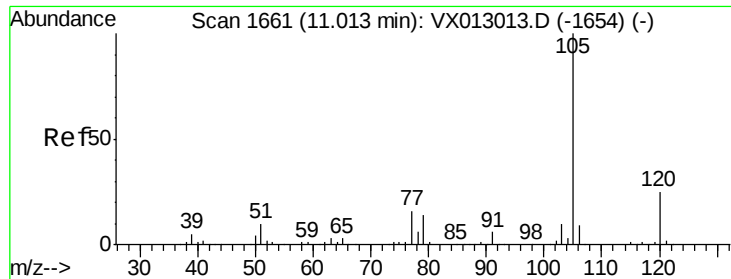
Ion Ratio Lower Upper

152 100

115 84.1 44.5 133.5

150 169.3 0.0 353.4





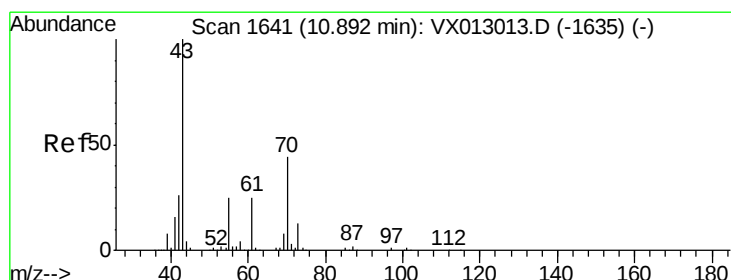
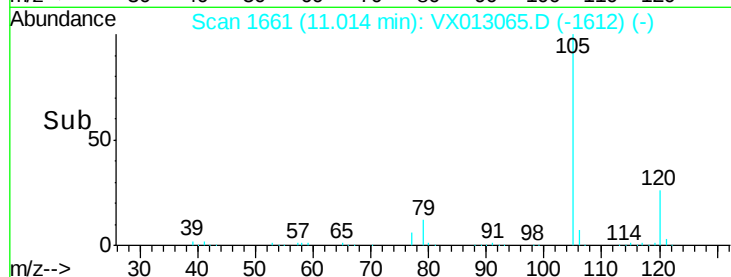
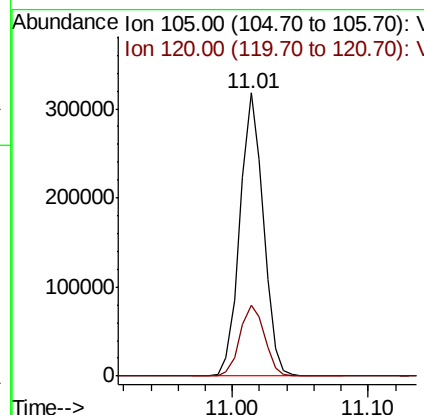
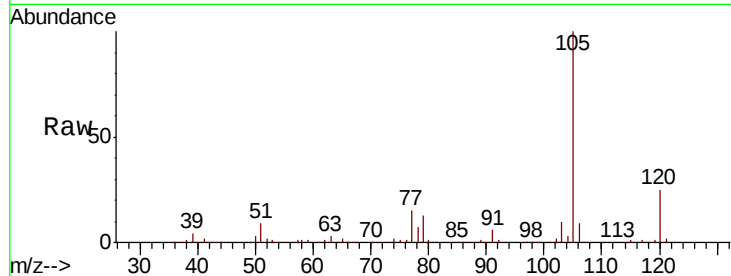
#73  
Isopropylbenzene  
Concen: 46.538 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.3  | 13.0  | 39.0  |

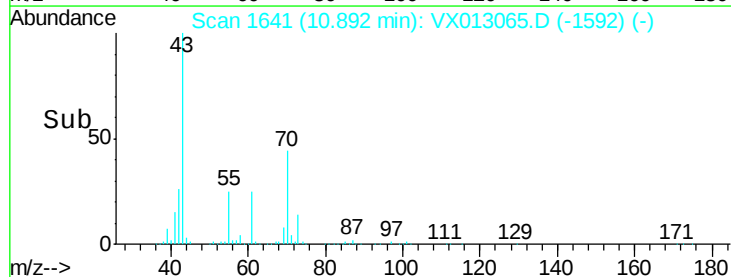
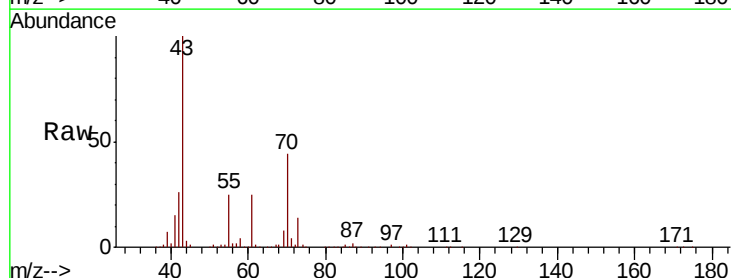
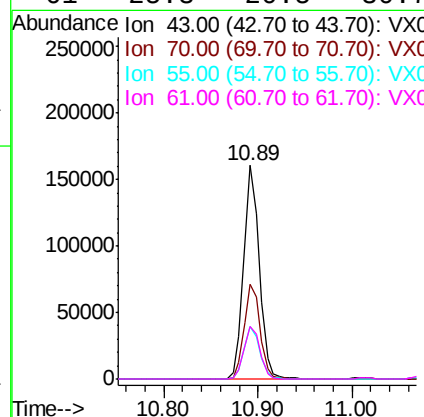
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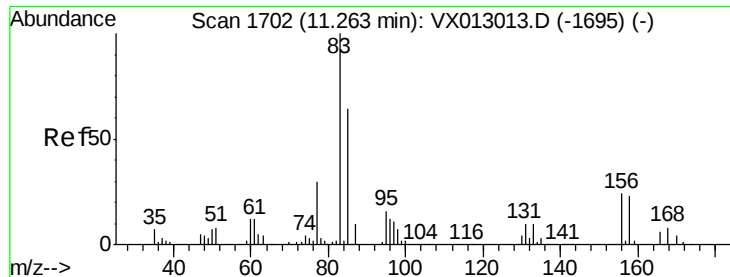
MMDadoda  
10/15/2019 11:04:36 AM



#74  
N-ethyl acetate  
Concen: 52.823 ug/l  
RT: 10.89 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 45.0  | 36.4  | 54.6  |
| 55      | 25.2  | 20.2  | 30.2  |
| 61      | 25.3  | 20.5  | 30.7  |





#75

1,1,2,2-Tetrachloroethane

Concen: 52.147 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

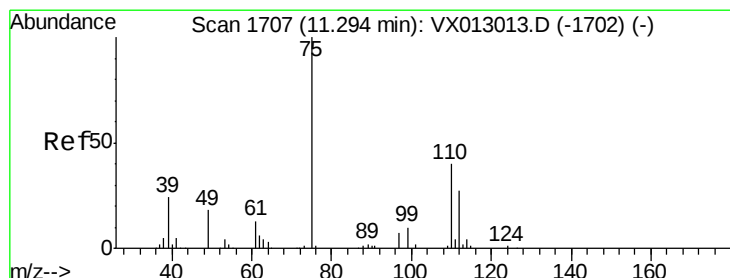
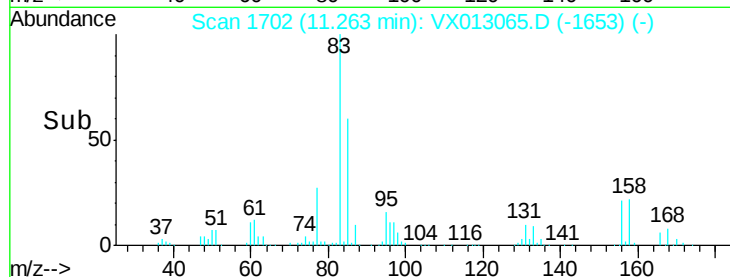
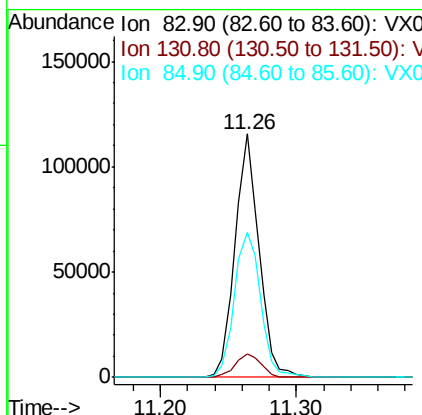
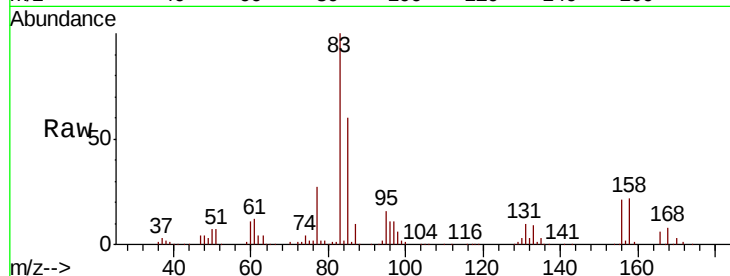
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 141827 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.1   | 15.3   |
| 85        | 65.2  | 32.1  | 96.5   |

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#76

1,2,3-Trichloropropane

Concen: 53.491 ug/l m

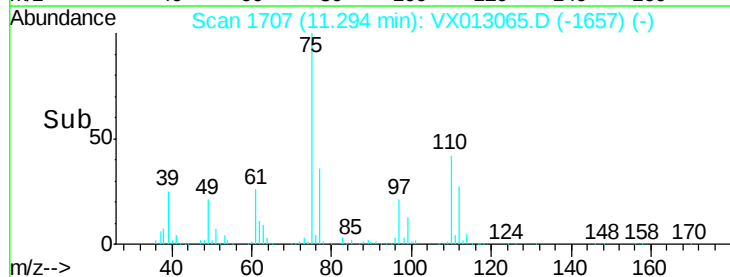
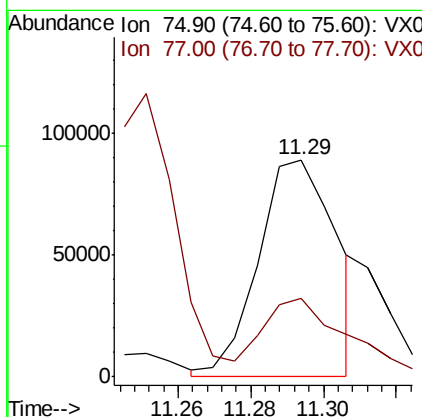
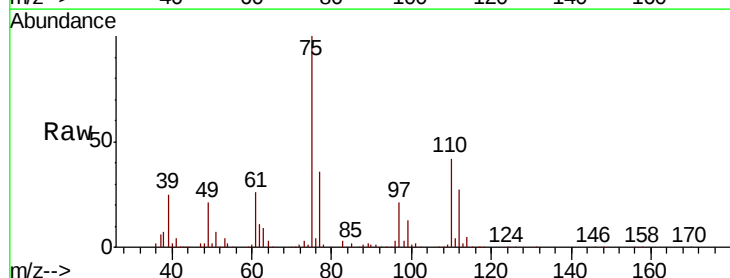
RT: 11.29 min Scan# 1707

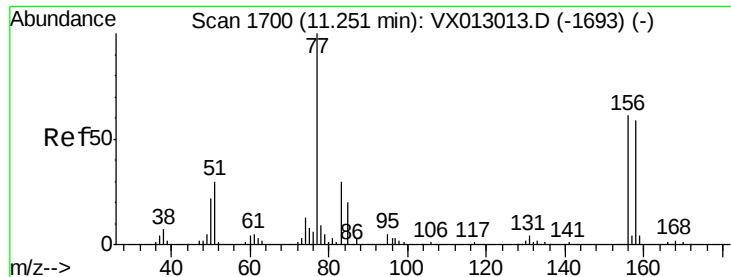
Delta R.T. 0.01 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 131956 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.6  | 22.9  | 68.8   |





#77

Bromobenzene

Concen: 50.043 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

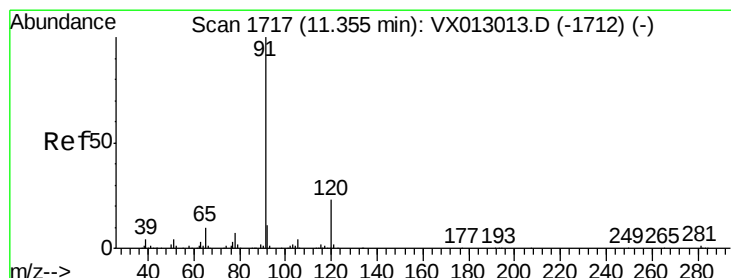
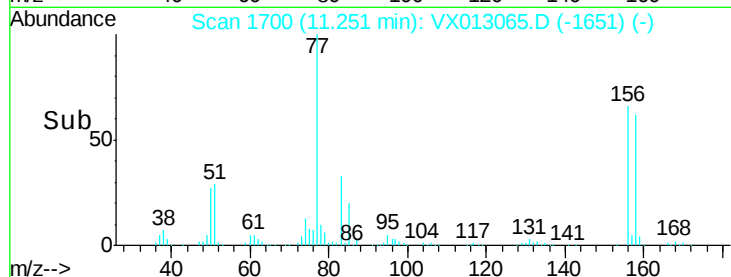
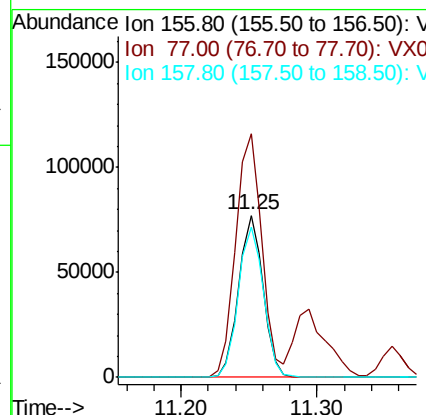
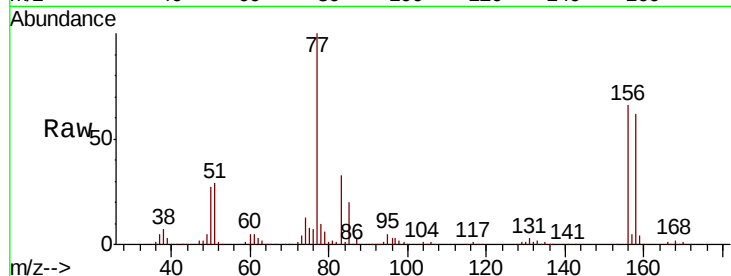
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |       |
| 77      | 161.2 | 83.7  | 251.0 |       |       |
| 158     | 95.9  | 48.6  | 145.9 |       |       |

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#78

n-propylbenzene

Concen: 46.971 ug/l

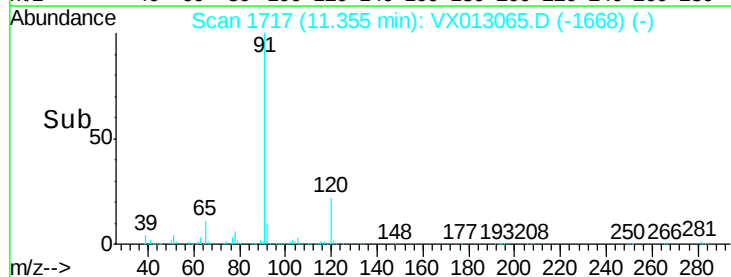
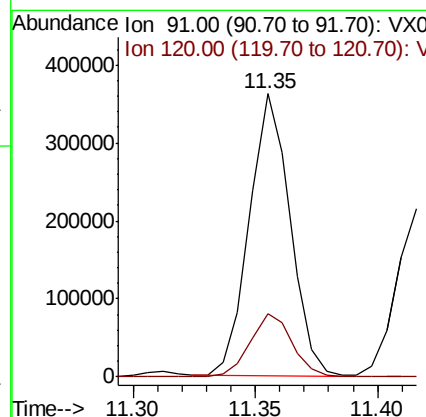
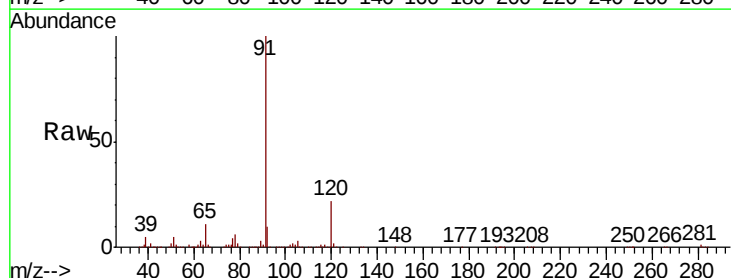
RT: 11.35 min Scan# 1717

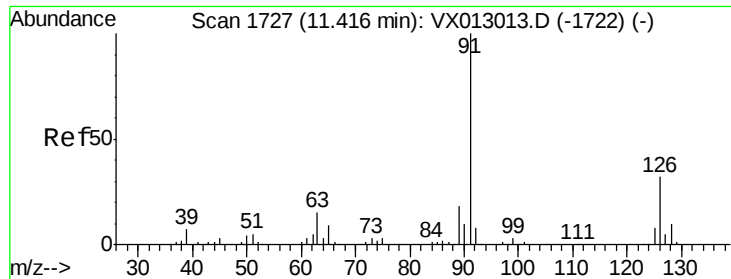
Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 91      | 100  |       |      |       |       |
| 120     | 22.9 | 11.7  | 35.1 |       |       |





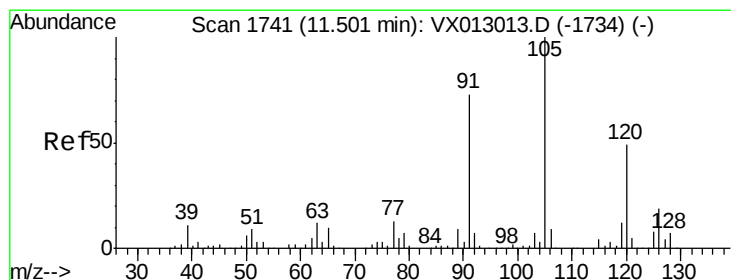
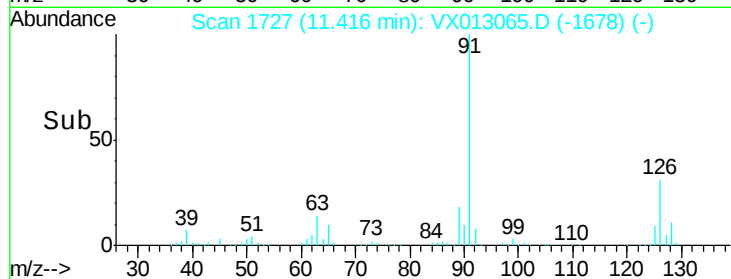
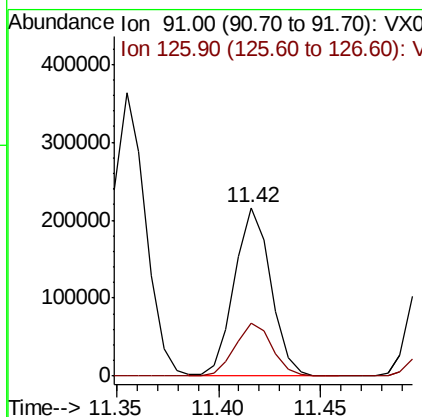
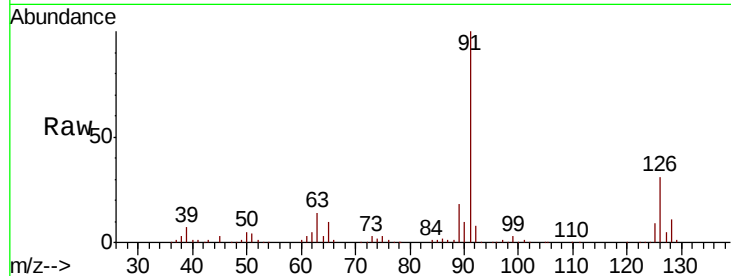
#79  
 2-Chlorotoluene  
 Concen: 47.143 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 266592  
 Ion Ratio Lower Upper  
 91 100  
 126 32.2 16.3 48.8

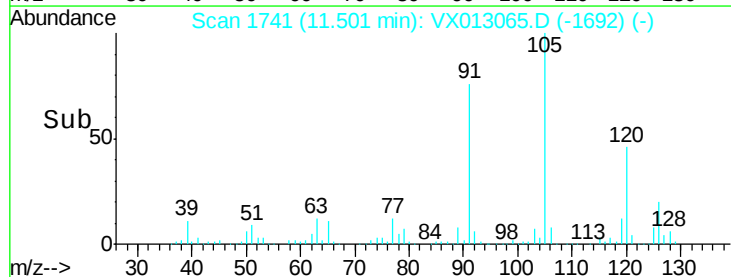
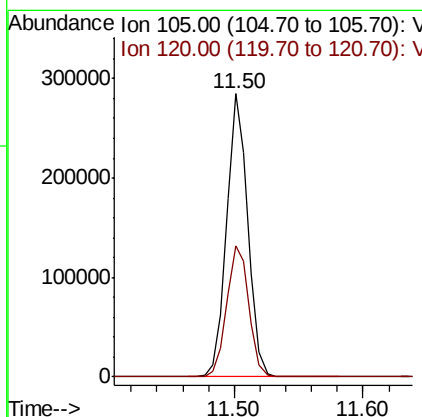
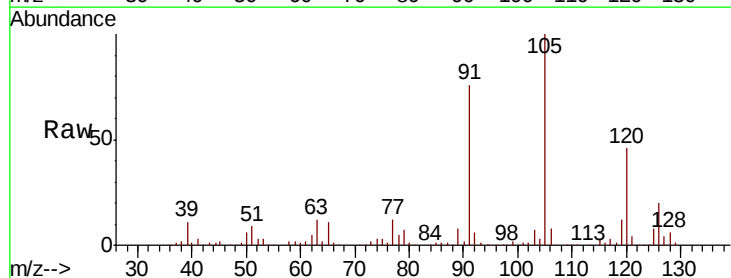
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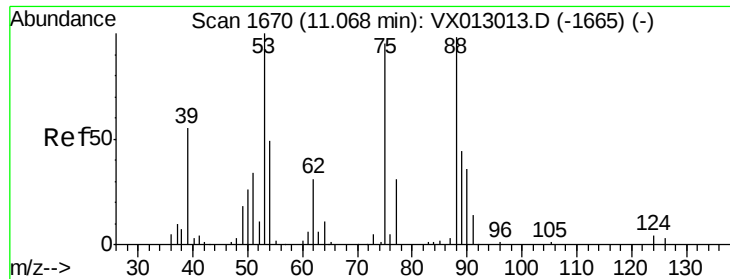
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.313 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Tgt Ion: 105 Resp: 329880  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.088 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 43880

Ion Ratio Lower Upper

75 100

53 97.5 78.5 117.7

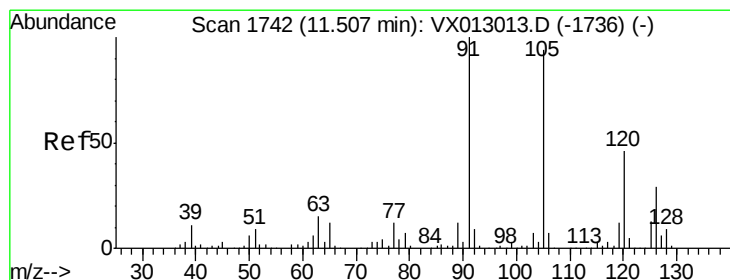
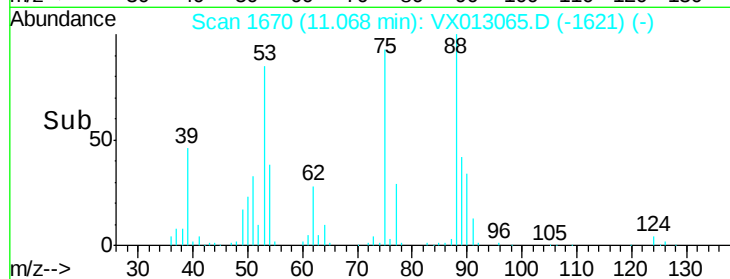
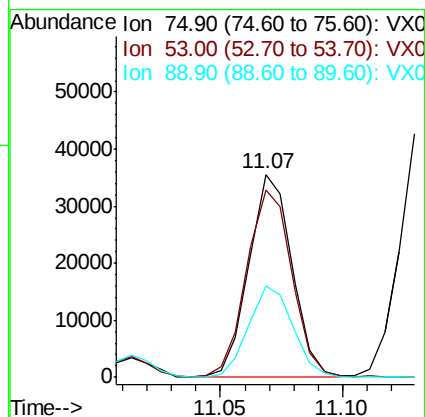
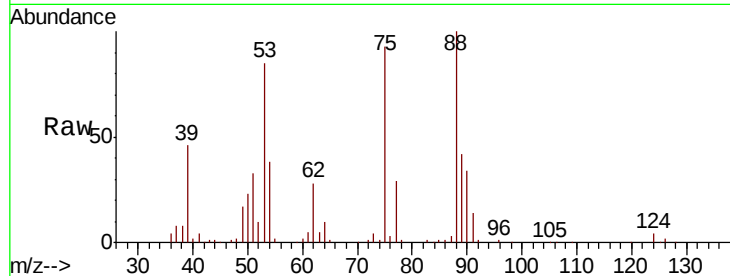
89 46.7 37.4 56.2

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#82

4-Chlorotoluene

Concen: 48.557 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013065.D

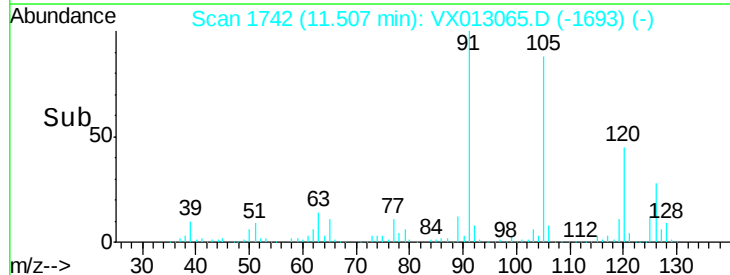
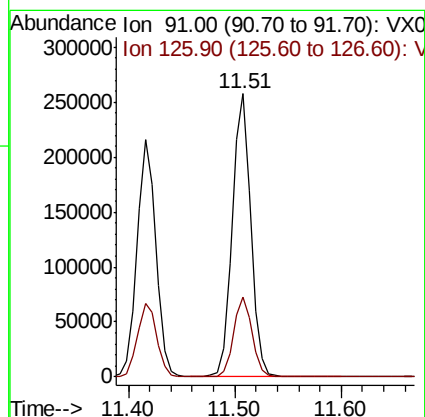
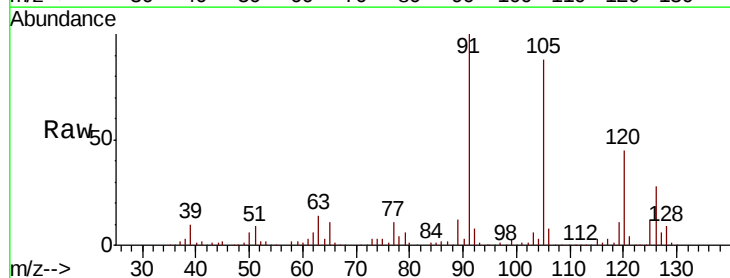
Acq: 14 Oct 2019 20:22

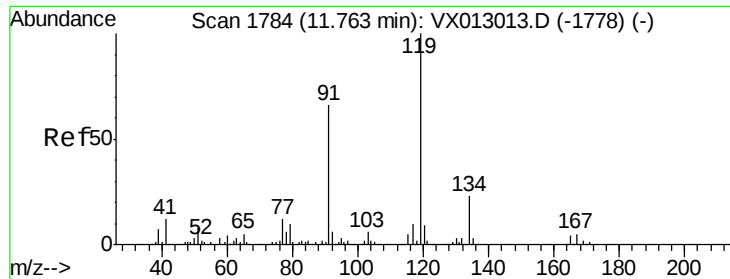
Tgt Ion: 91 Resp: 314731

Ion Ratio Lower Upper

91 100

126 28.1 14.2 42.6





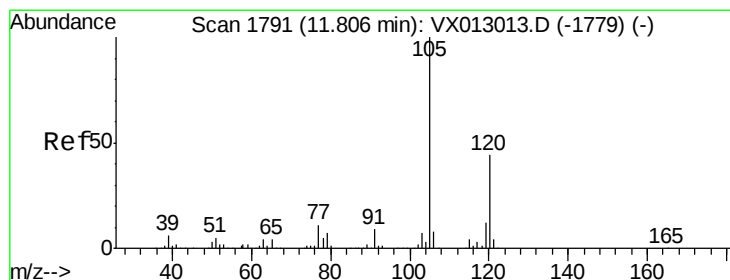
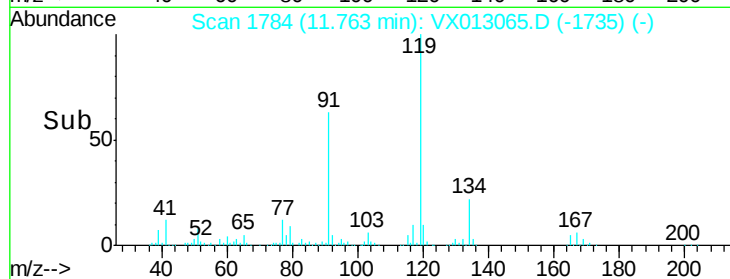
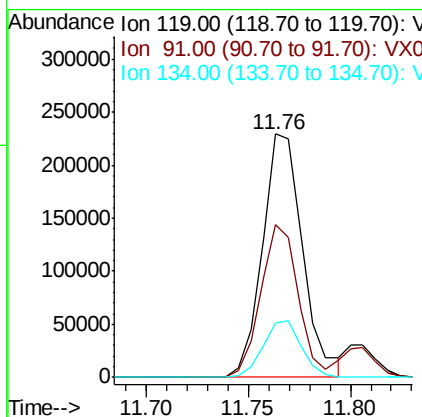
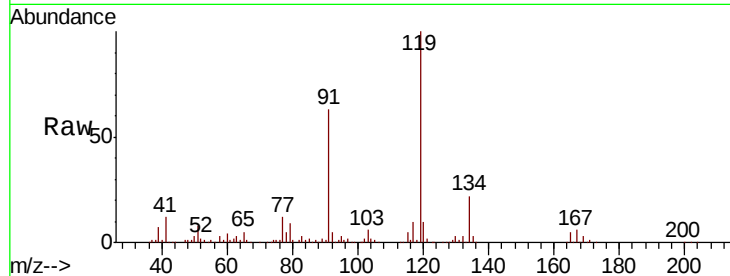
#83  
 tert-Butylbenzene  
 Concen: 47.422 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.2  | 29.3  | 87.9  |
| 134     | 22.1  | 11.5  | 34.4  |

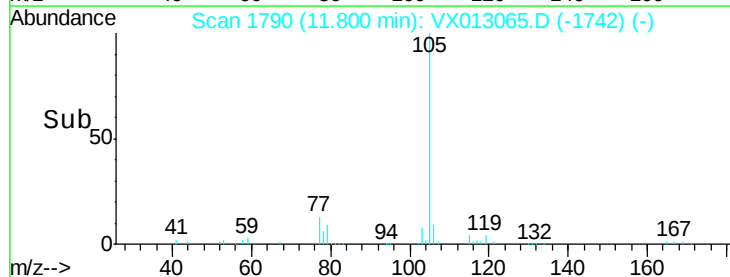
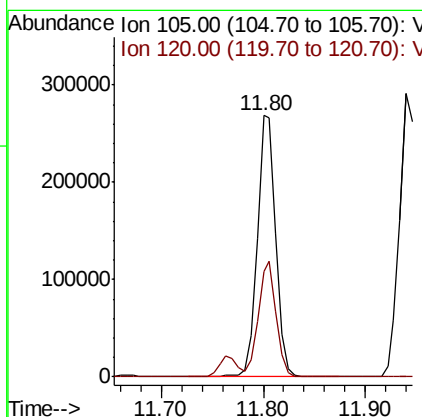
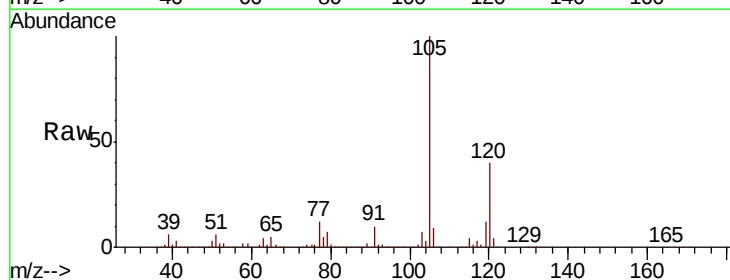
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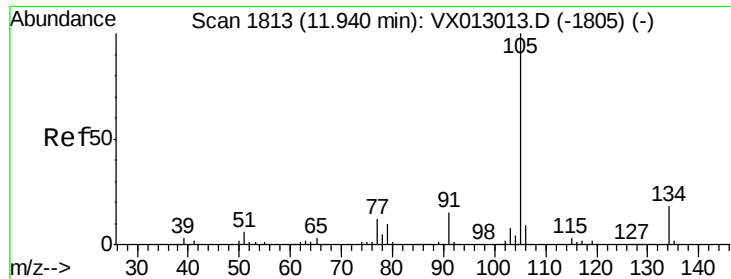
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.606 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.5  | 21.8  | 65.3  |





#85

sec-Butylbenzene

Concen: 45.504 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 351141

Ion Ratio Lower Upper

105 100

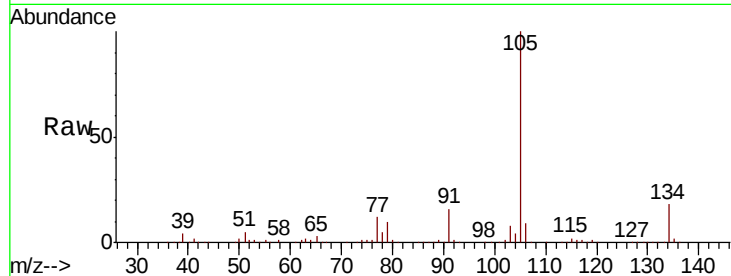
134 19.3 10.0 30.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

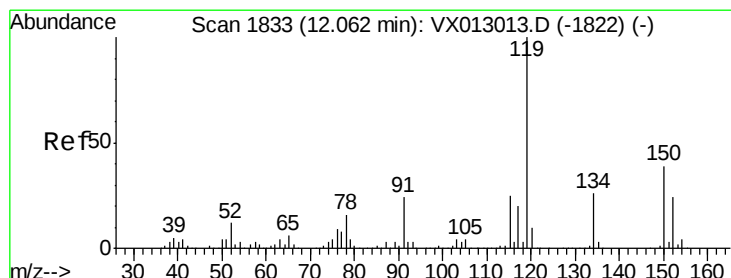
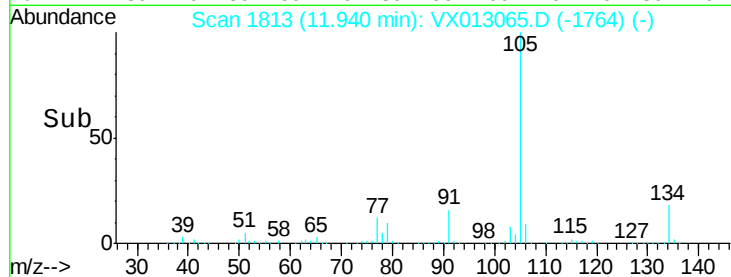
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.604 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013065.D

Acq: 14 Oct 2019 20:22

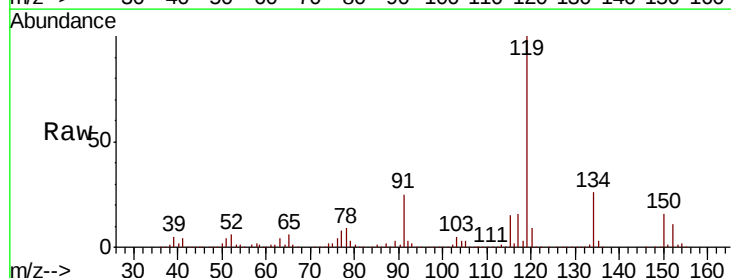
Tgt Ion:119 Resp: 326378

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 25.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

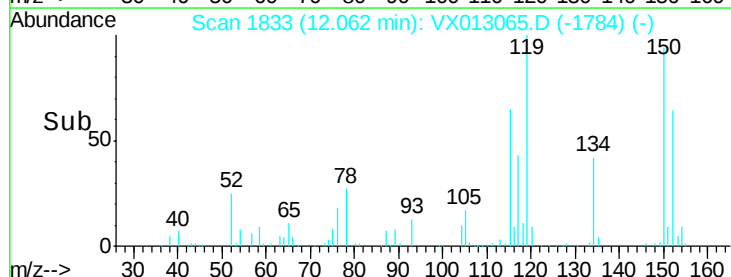
300000

200000

100000

0

Time-->





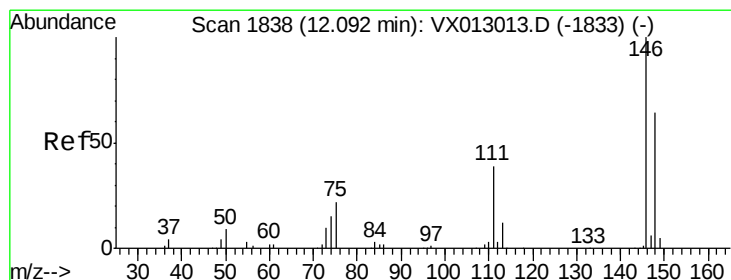
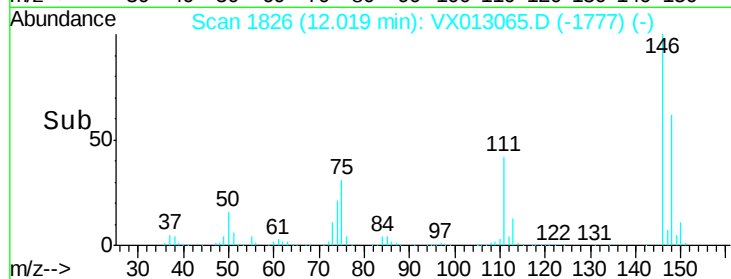
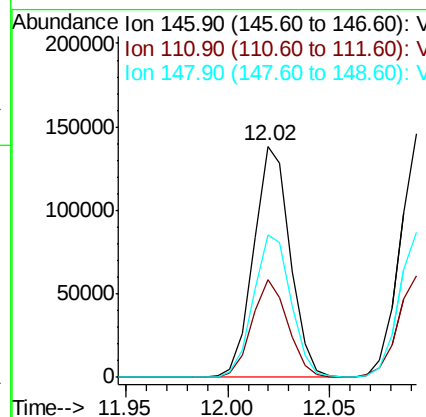
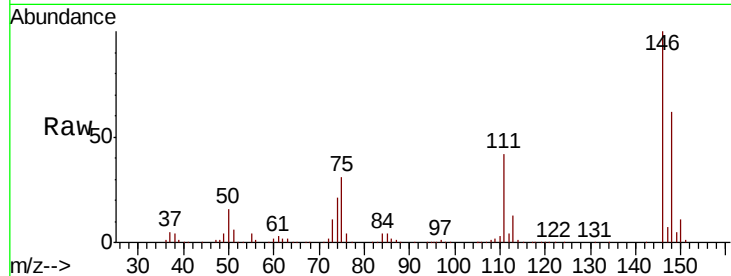
#87  
 1,3-Dichlorobenzene  
 Concen: 48.198 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 21.1  | 63.4  |
| 148     | 63.4  | 31.6  | 95.0  |

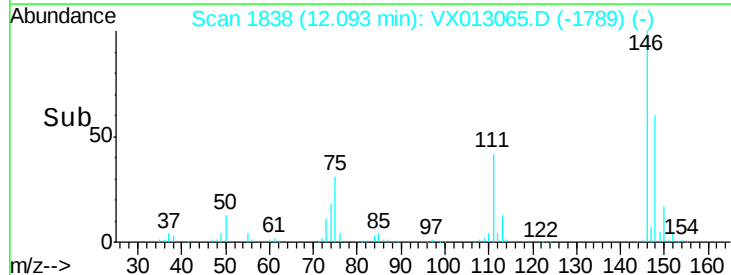
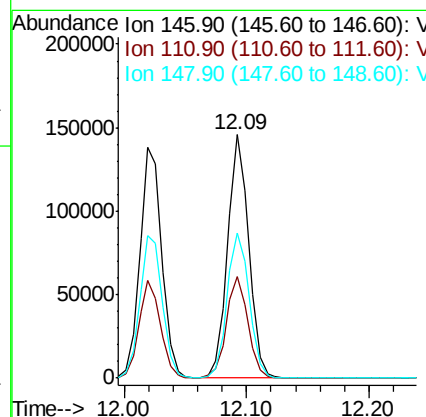
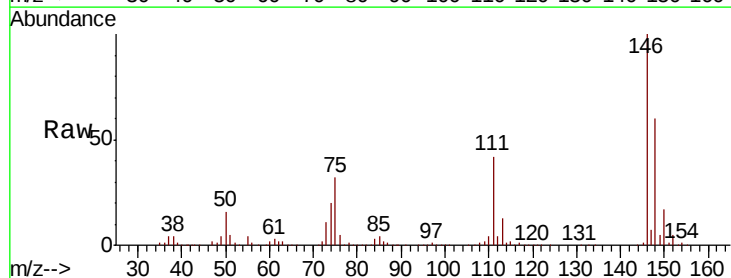
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.115 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 21.4  | 64.3  |
| 148     | 62.2  | 32.1  | 96.5  |





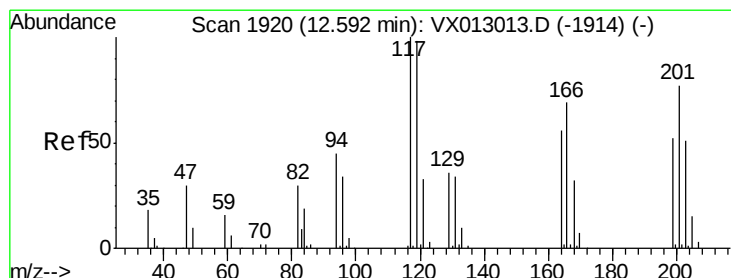
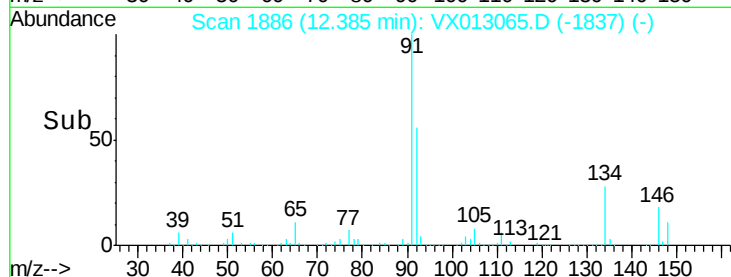
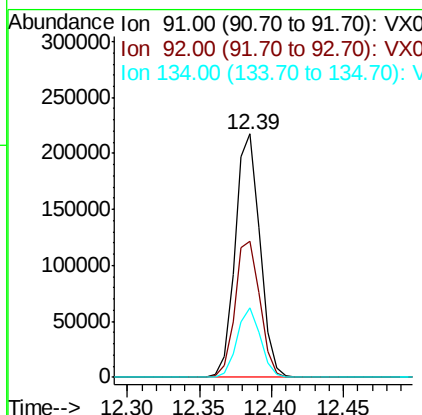
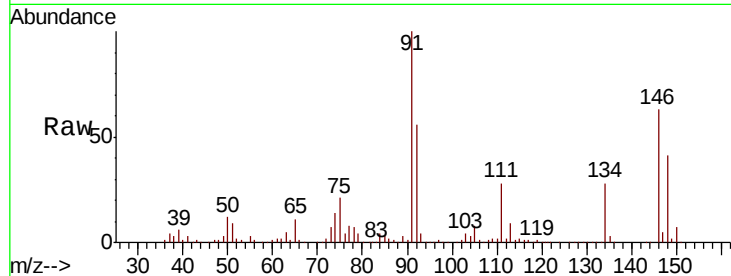
#89  
n-Butylbenzene  
Concen: 43.383 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.8  | 27.5  | 82.5  |
| 134     | 27.3  | 12.9  | 38.7  |

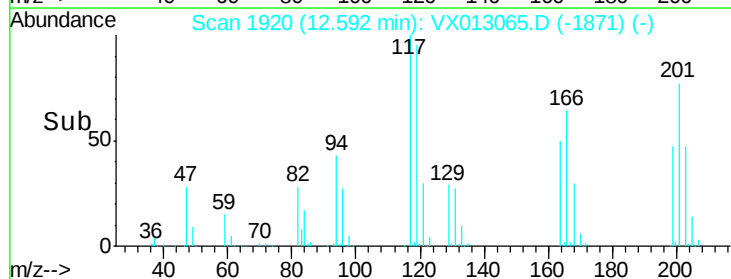
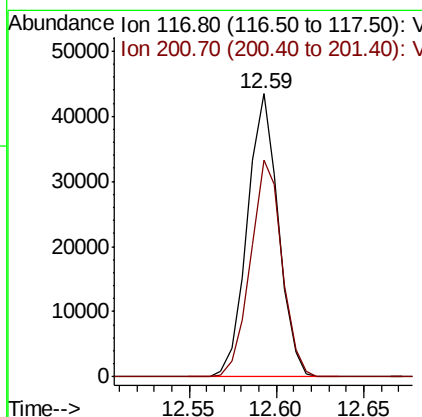
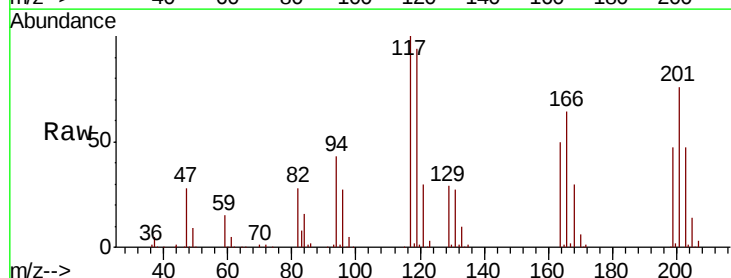
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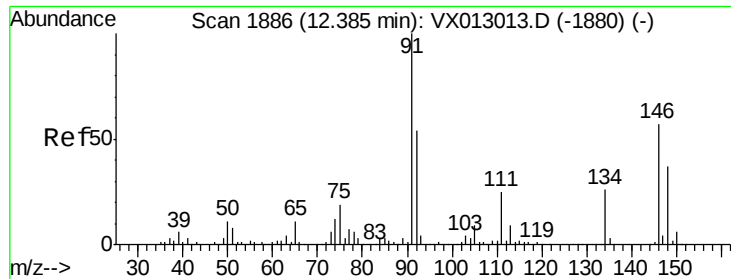
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#90  
Hexachloroethane  
Concen: 40.762 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.6  | 36.9  | 110.7 |





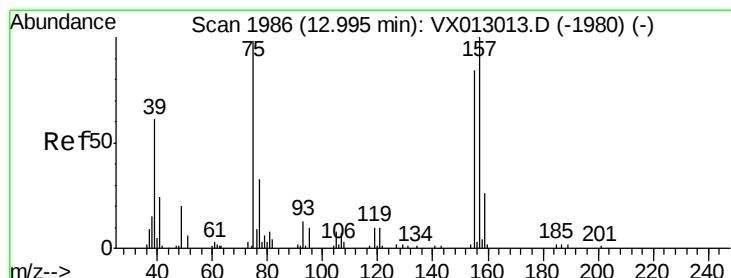
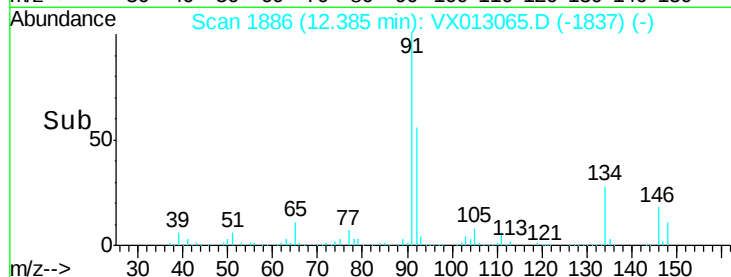
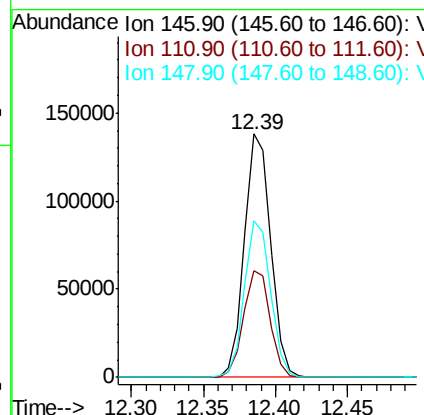
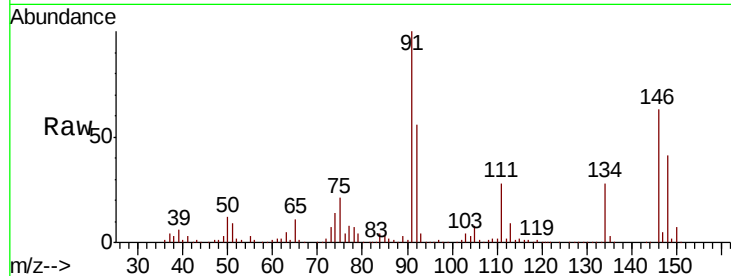
#91  
 1,2-Dichlorobenzene  
 Concen: 49.972 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.6  | 22.7  | 68.0  |
| 148     | 63.8  | 31.6  | 94.7  |

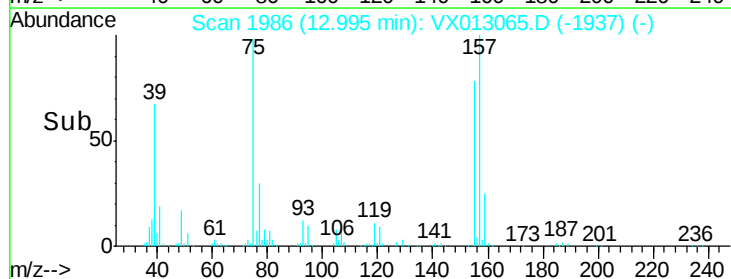
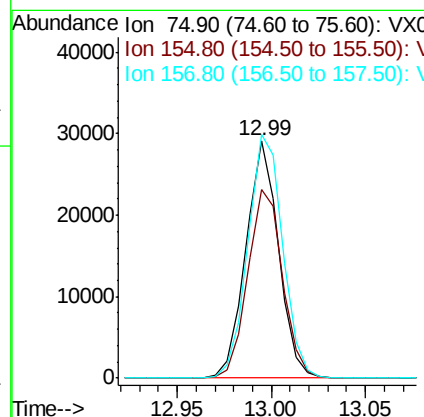
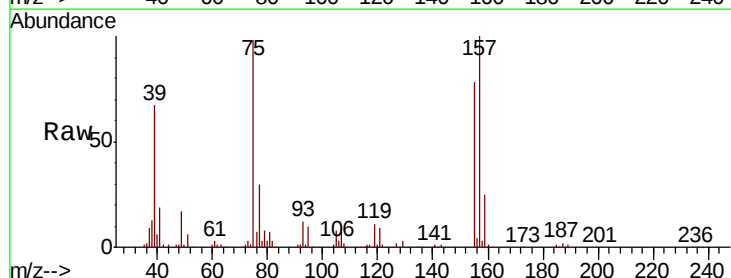
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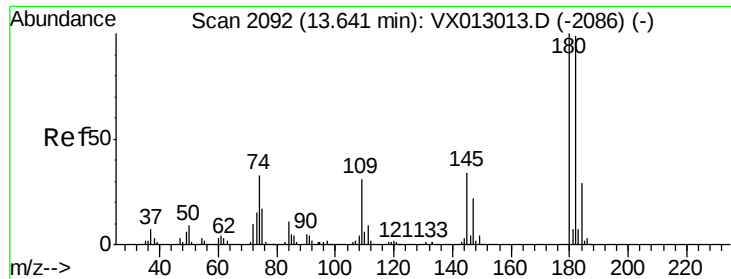
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 55.033 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.4  | 43.0  | 128.8 |
| 157     | 109.0 | 54.1  | 162.3 |





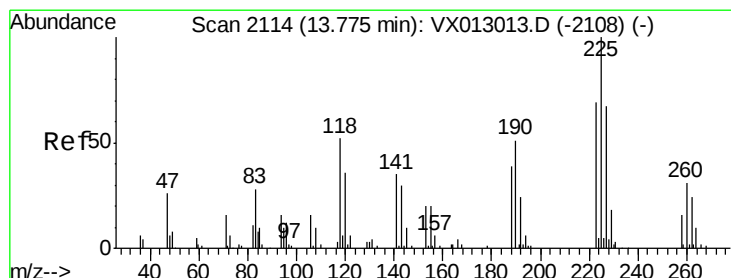
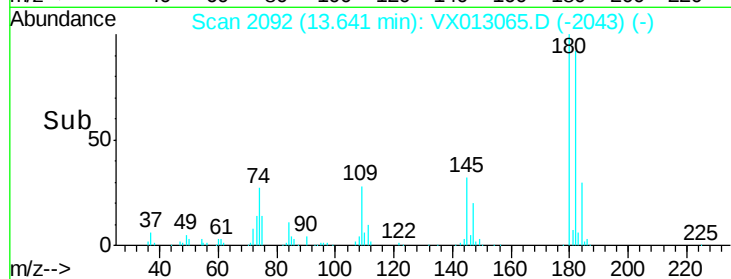
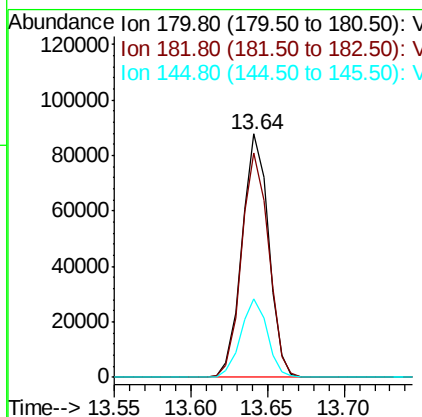
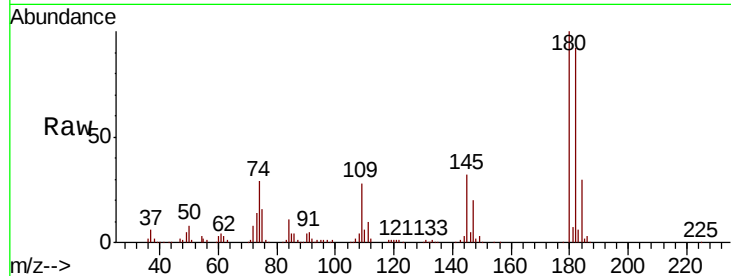
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.152 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 105816 |       |       |
| 182     | 94.2  | 46.8   | 140.4 |       |
| 145     | 32.2  | 16.2   | 48.6  |       |

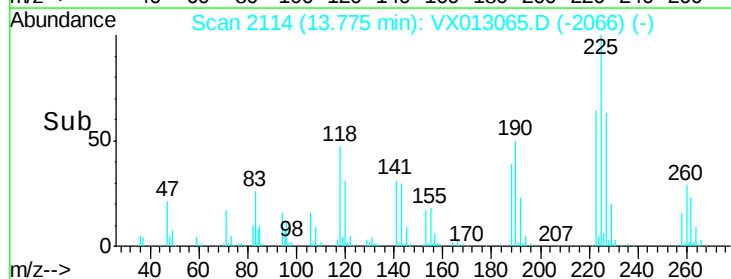
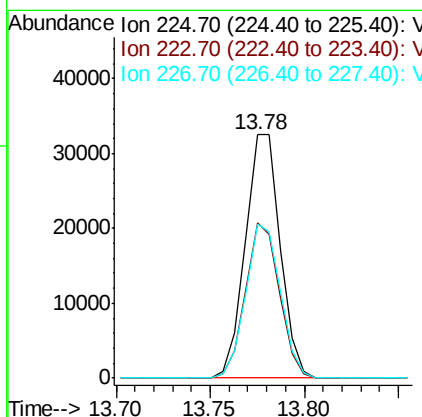
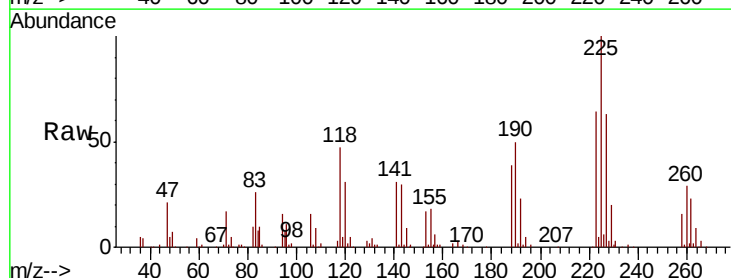
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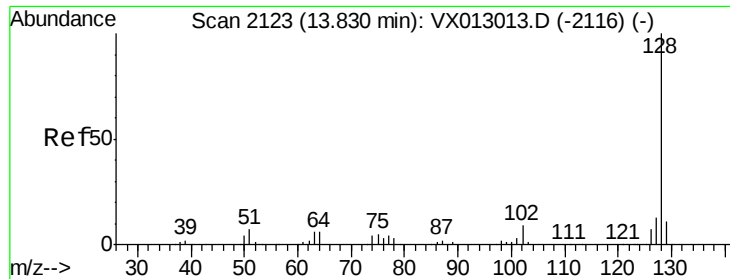
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#94  
 Hexachlorobutadiene  
 Concen: 41.337 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. -0.01 min  
 Lab File: VX013065.D  
 Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 41923 |       |       |
| 223     | 61.9  | 31.1  | 93.2  |       |
| 227     | 62.4  | 32.3  | 96.9  |       |





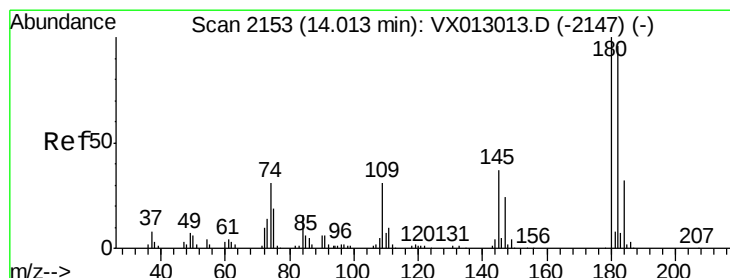
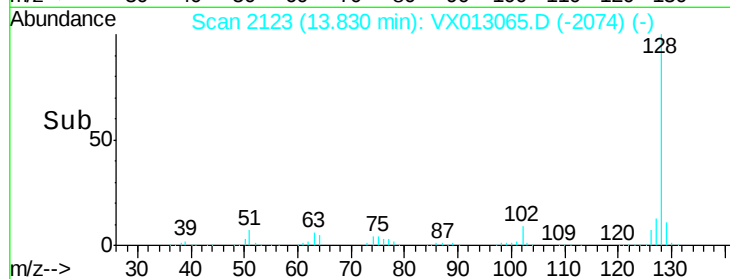
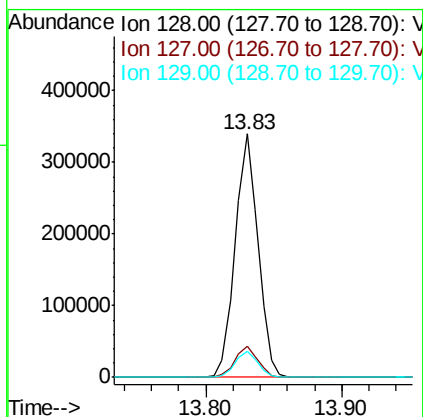
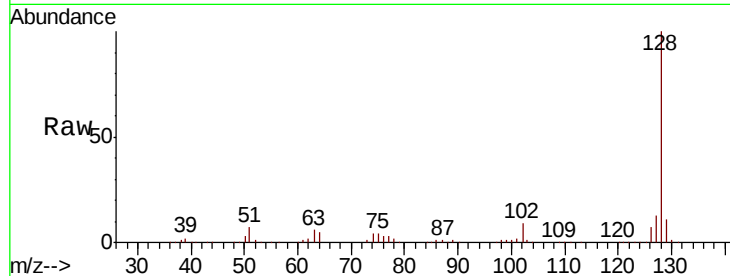
#95  
Naphthalene  
Concen: 52.289 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.2  | 15.4  |
| 129     | 10.8  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 47.100 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX013065.D  
Acq: 14 Oct 2019 20:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 47.5  | 142.5 |
| 145     | 34.8  | 17.4  | 52.3  |

