

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\  
 Data File : VX071361.D  
 Acq On : 13 Jul 2020 18:21  
 Operator : JC/SP  
 Sample : VX0713WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:36:12 AM

Quant Time: Jul 14 03:13:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 14 02:59:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 316770   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 484491   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 456996   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 244349   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 191593   | 48.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.38% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 156038   | 47.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.62% |      |
| 50) Toluene-d8            | 8.70   | 98  | 580216   | 49.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 220096   | 47.07 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.14% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 62548  | 23.335  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 65516  | 21.711  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 64368  | 21.562  | ug/l | 94     |
| 5) Bromomethane               | 1.63 | 94  | 42807  | 22.027  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 37463  | 19.881  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 102886 | 20.419  | ug/l | 97     |
| 8) Diethyl Ether              | 2.17 | 74  | 34895  | 19.592  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 58739  | 20.465  | ug/l | 98     |
| 10) Methyl Iodide             | 2.49 | 142 | 62244  | 17.960  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 68794  | 102.702 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 56496  | 19.598  | ug/l | 97     |
| 13) Acrolein                  | 2.27 | 56  | 31291  | 85.218  | ug/l | 98     |
| 14) Allyl chloride            | 2.71 | 41  | 101130 | 20.246  | ug/l | 96     |
| 15) Acrylonitrile             | 3.12 | 53  | 169100 | 104.139 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 139496 | 98.349  | ug/l | 100    |
| 17) Carbon Disulfide          | 2.55 | 76  | 167157 | 19.877  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 70961  | 20.256  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 201248 | 20.560  | ug/l | 98     |
| 20) Methylene Chloride        | 2.84 | 84  | 67989  | 19.647  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 66386  | 20.128  | ug/l | 92     |
| 22) Diisopropyl ether         | 3.82 | 45  | 204949 | 21.540  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.79 | 43  | 888634 | 106.195 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 115599 | 20.673  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 232564 | 103.234 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 97950  | 18.822  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 72645  | 20.085  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 53600  | 20.750  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 152797 | 104.779 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 120523 | 20.033  | ug/l | 98     |
| 31) Cyclohexane               | 5.56 | 56  | 100597 | 21.975  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 109590 | 19.704  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 87988  | 19.744  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 92017  | 19.966  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 103315 | 19.801  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\  
 Data File : VX071361.D  
 Acq On : 13 Jul 2020 18:21  
 Operator : JC/SP  
 Sample : VX0713WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:36:12 AM

Quant Time: Jul 14 03:13:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 14 02:59:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 98882    | 20.433  | ug/l   | 94       |
| 40) Benzene                    | 6.11  | 78   | 261661   | 20.431  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 51160    | 20.678  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 97161    | 19.526  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 147706   | 20.057  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 77134    | 19.717  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 67561    | 20.616  | ug/l   | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 47872    | 20.255  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 97213    | 19.674  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 72622    | 20.550  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 29598    | 409.269 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 472934   | 105.322 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 169586   | 20.634  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 103881   | 19.515  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 113104   | 19.921  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 70050    | 20.440  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 98892    | 20.325  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 114584   | 20.100  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 255490   | 103.415 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 352781   | 104.092 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 80360    | 19.194  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 75743    | 20.316  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 77296    | 19.542  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.12 | 112  | 186406   | 20.071  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 73975    | 20.007  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 315366   | 20.398  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 243711   | 41.430  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 114640   | 20.395  | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 201050   | 20.837  | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 61775    | 19.799  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 315402   | 20.591  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 131110   | 21.390  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 96847    | 20.824  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 95632m   | 21.180  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 87858    | 20.139  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 354475   | 20.606  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 216963   | 20.466  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 268412   | 20.643  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 34798    | 19.551  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 259478   | 20.653  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 259564   | 20.651  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 272777   | 20.766  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 301327   | 20.477  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 283454   | 20.358  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 151502   | 19.412  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 156125   | 19.801  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 237222   | 19.977  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 53507    | 20.242  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 144511   | 19.704  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 22304    | 18.175  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\  
Data File : VX017361.D  
Acq On : 13 Jul 2020 18:21  
Operator : JC/SP  
Sample : VX0713WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

Manual Integrations  
APPROVED

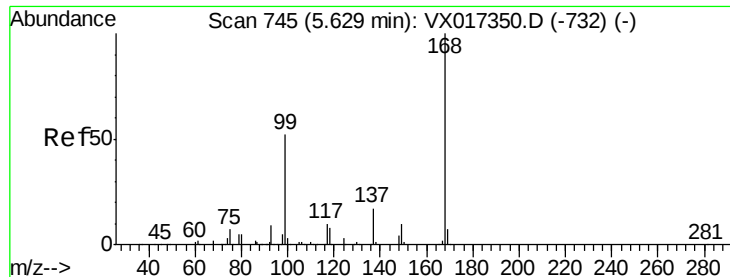
MMDadoda  
7/14/2020 11:36:12 AM

Quant Time: Jul 14 03:13:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 14 02:59:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 96926    | 19.039 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 40738    | 19.622 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 305630   | 20.418 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 99575    | 20.248 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:168 Resp: 316770

Ion Ratio Lower Upper

168 100

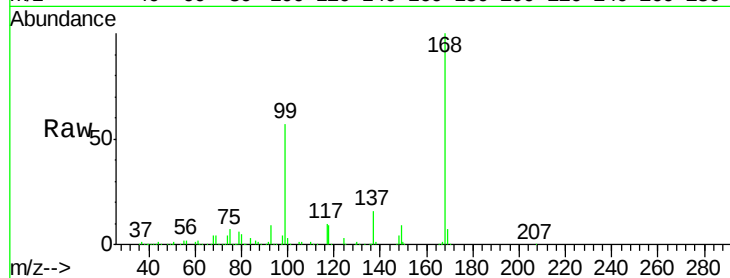
99 57.2 41.6 62.4

Manual Integrations

APPROVED

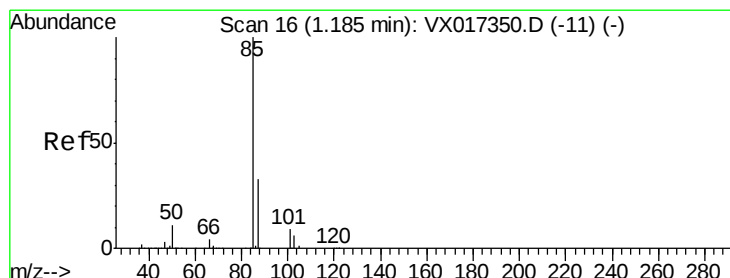
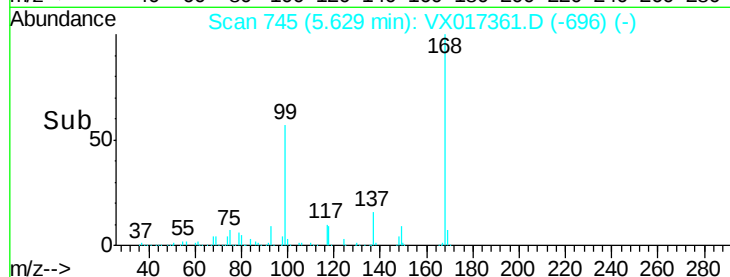
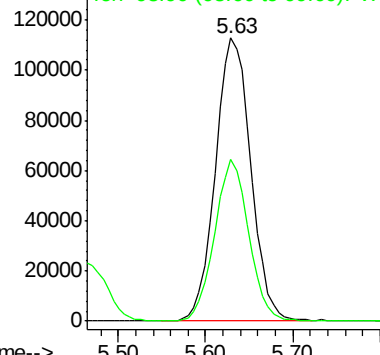
MMDadoda

7/14/2020 11:36:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.335 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017361.D

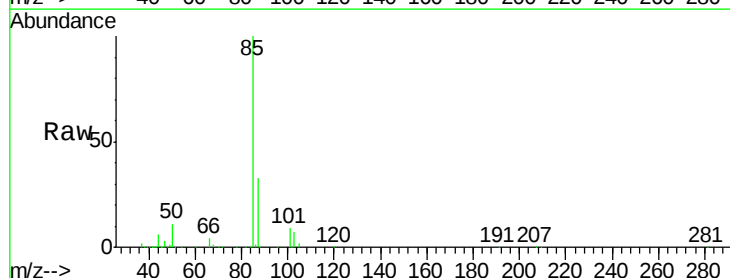
Acq: 13 Jul 2020 18:21

Tgt Ion: 85 Resp: 62548

Ion Ratio Lower Upper

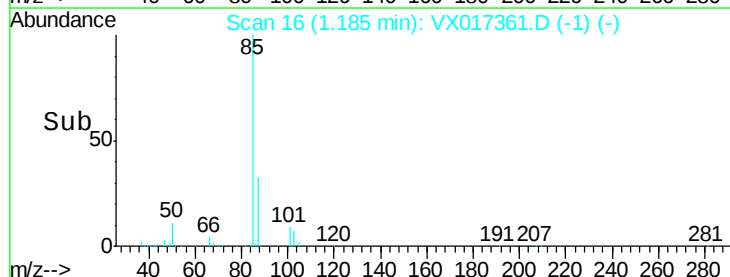
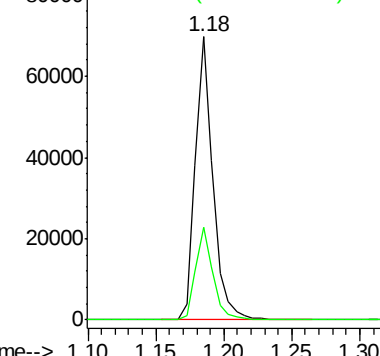
85 100

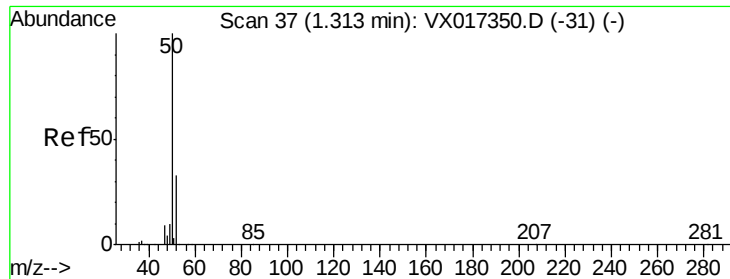
87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.711 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 50 Resp: 65516

Ion Ratio Lower Upper

50 100

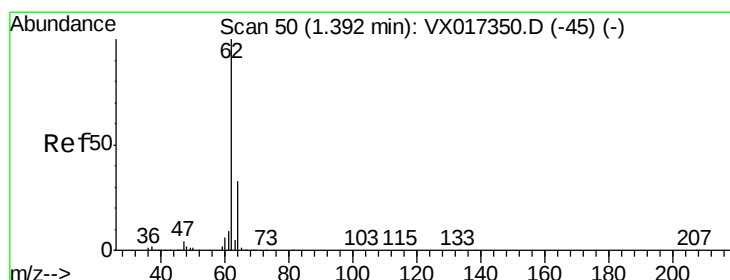
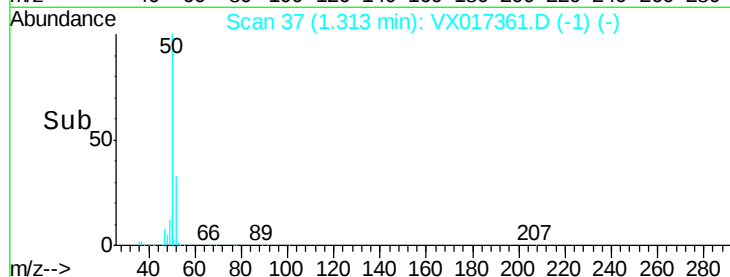
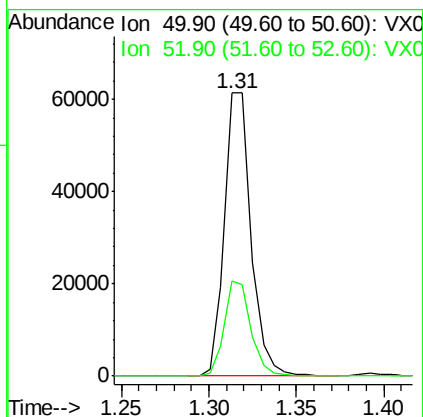
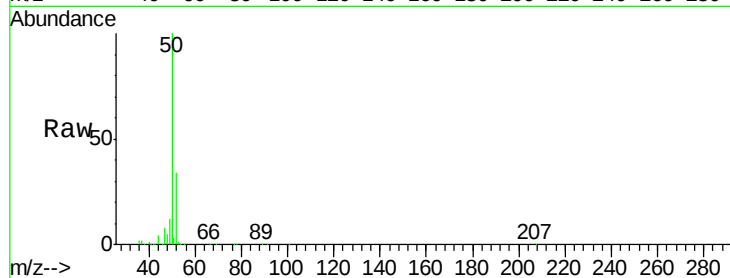
52 33.5 26.7 40.1

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:36:12 AM



#4

Vinyl Chloride

Concen: 21.562 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017361.D

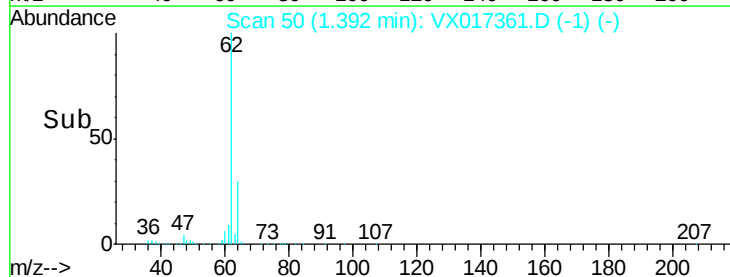
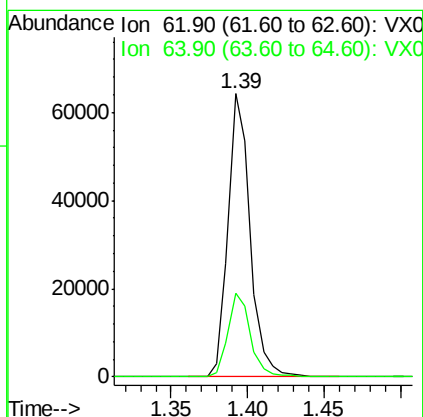
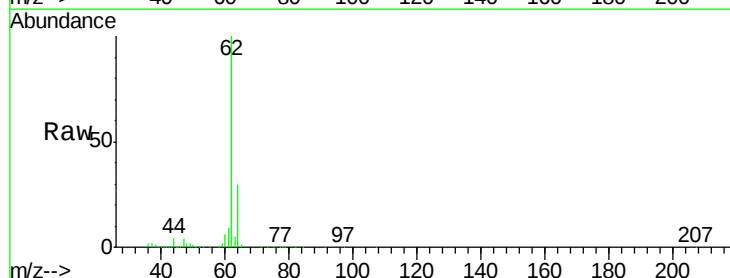
Acq: 13 Jul 2020 18:21

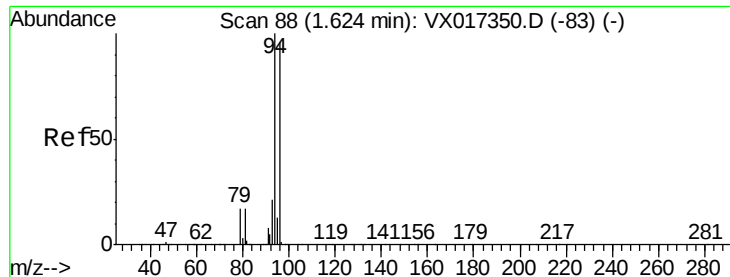
Tgt Ion: 62 Resp: 64368

Ion Ratio Lower Upper

62 100

64 29.8 26.3 39.5





#5

Bromomethane

Concen: 22.027 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 94 Resp: 42807

Ion Ratio Lower Upper

94 100

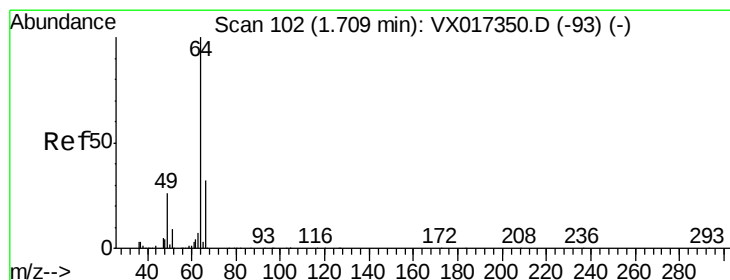
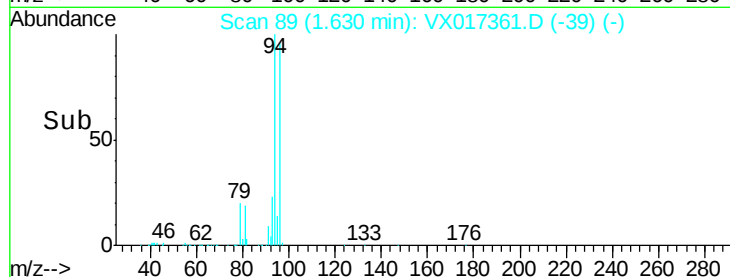
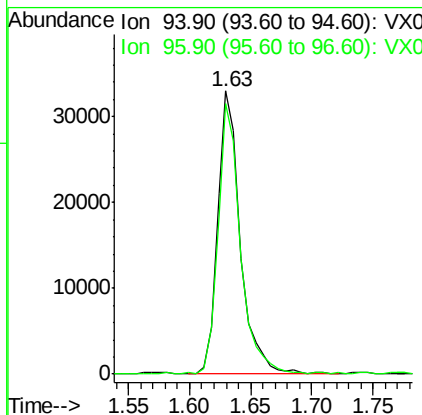
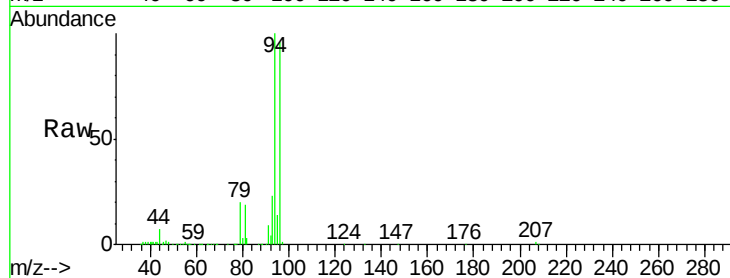
96 95.2 76.6 115.0

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:36:12 AM



#6

Chloroethane

Concen: 19.881 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017361.D

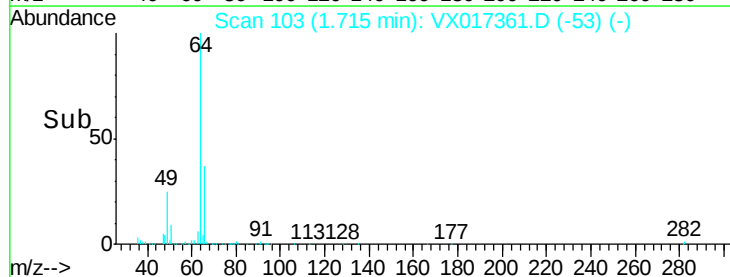
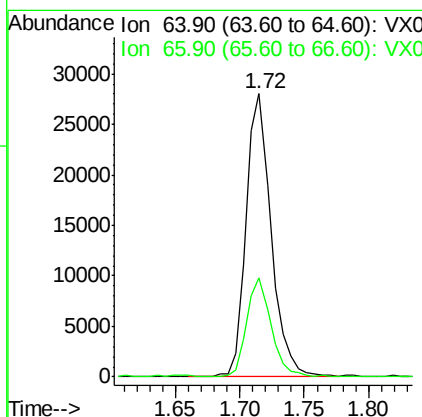
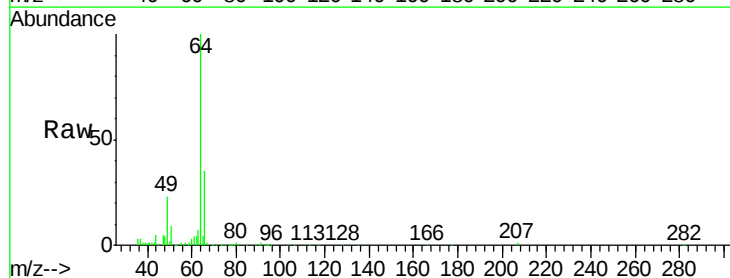
Acq: 13 Jul 2020 18:21

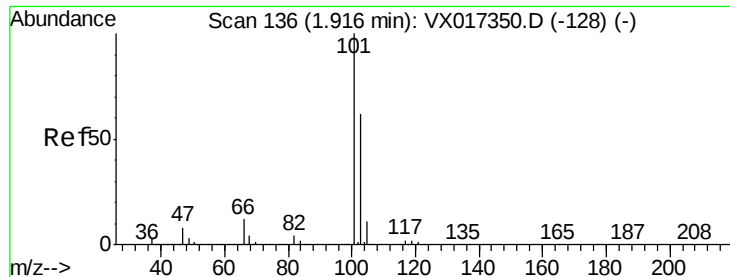
Tgt Ion: 64 Resp: 37463

Ion Ratio Lower Upper

64 100

66 35.0 25.7 38.5





#7

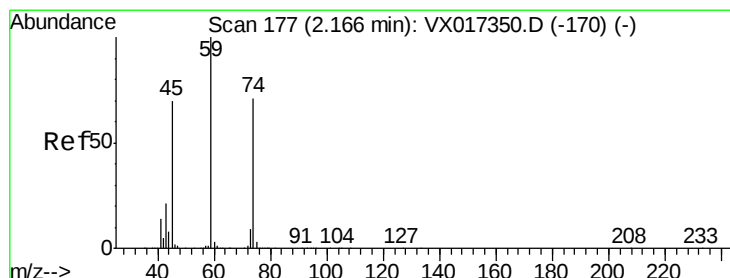
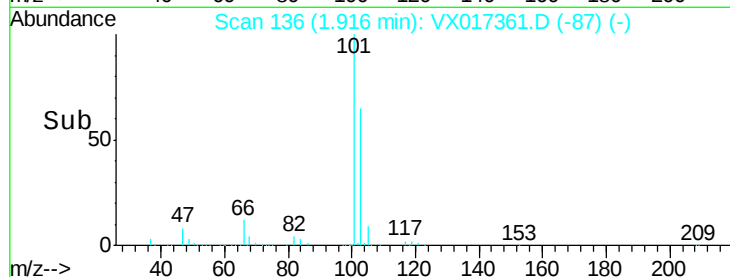
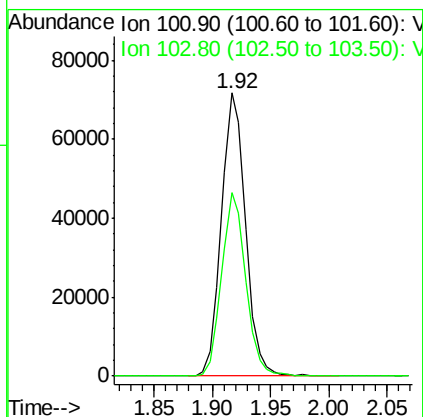
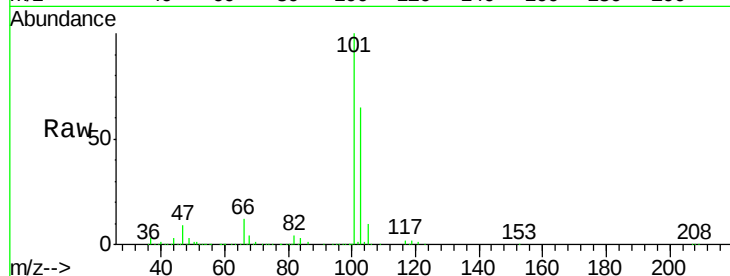
Trichlorofluoromethane  
Concen: 20.419 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 49.6  | 74.4  |

Manual Integrations  
APPROVED

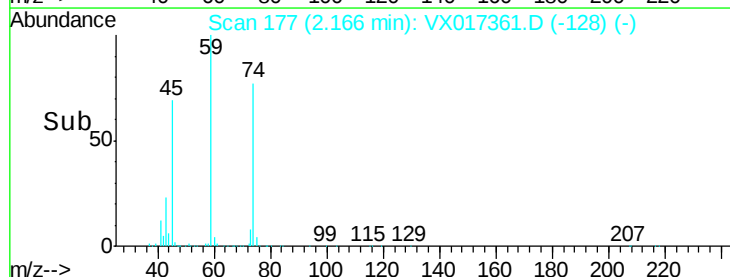
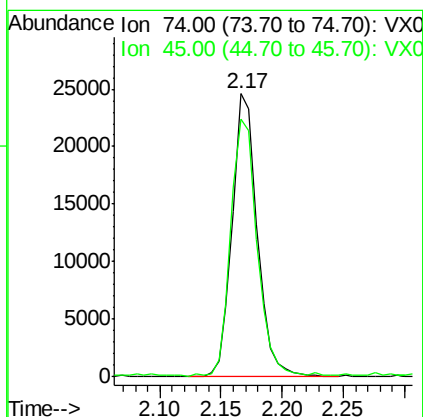
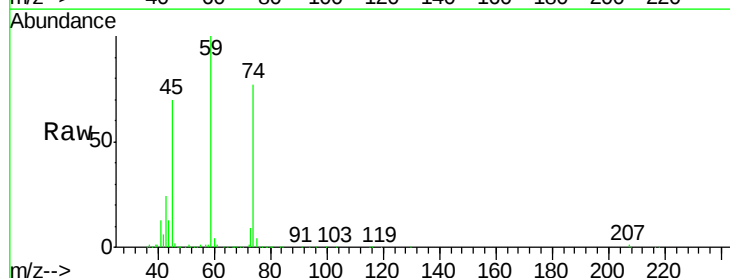
MMDadoda  
7/14/2020 11:36:12 AM

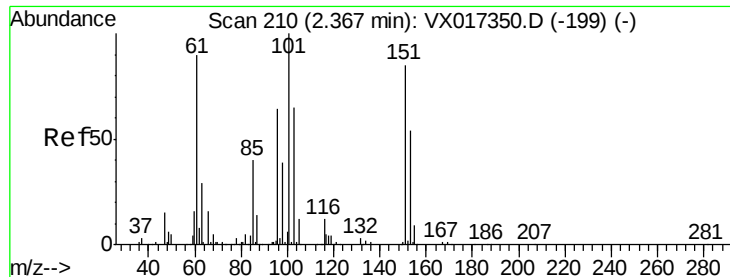


#8

Diethyl Ether  
Concen: 19.592 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 47.2  | 141.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.465 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

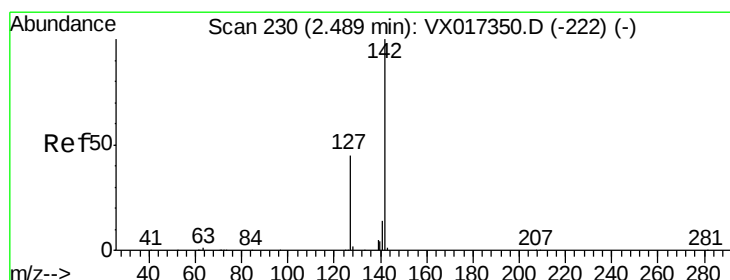
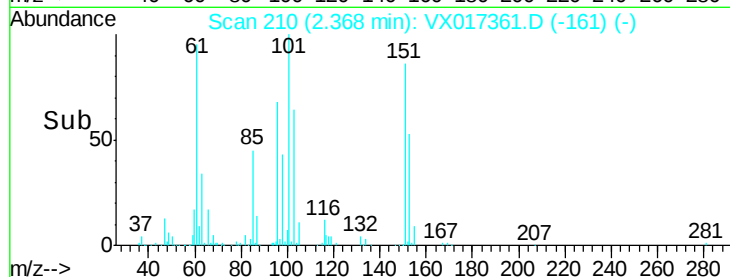
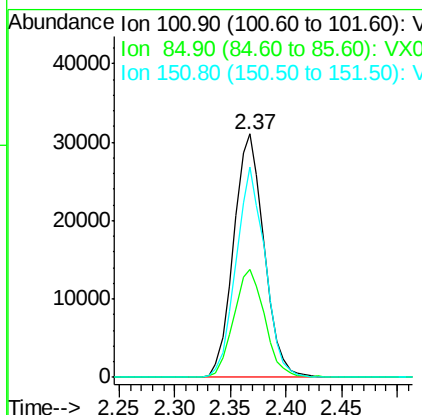
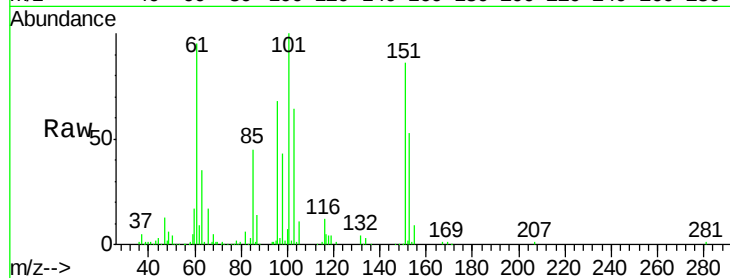
ClientSampleId :

VX0713WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 58739 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 33.7  | 50.5  |
| 151       | 83.0  | 66.4  | 99.6  |

Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 11:36:12 AM



#10

Methyl Iodide

Concen: 17.960 ug/l

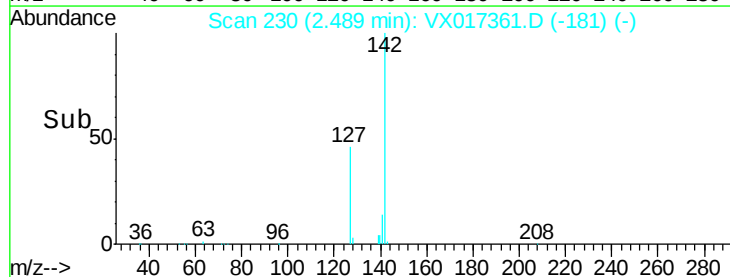
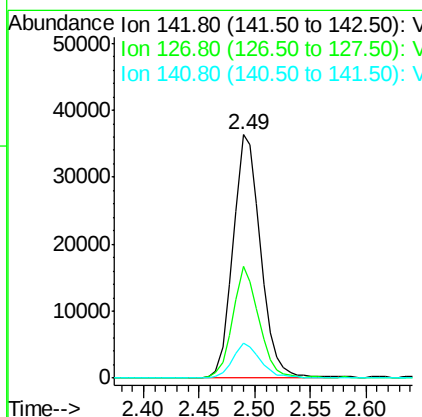
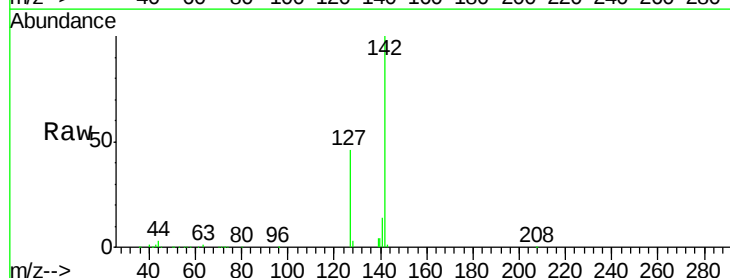
RT: 2.49 min Scan# 230

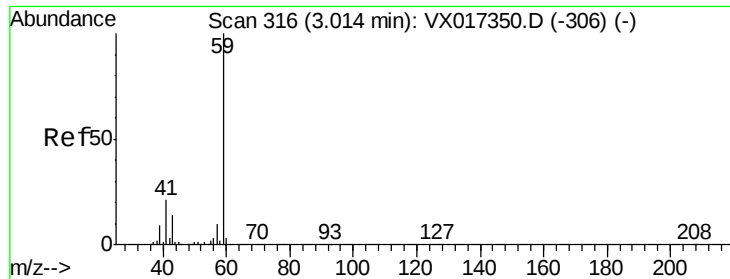
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 62244 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.8  | 36.8  | 55.2  |
| 141       | 14.4  | 11.4  | 17.0  |





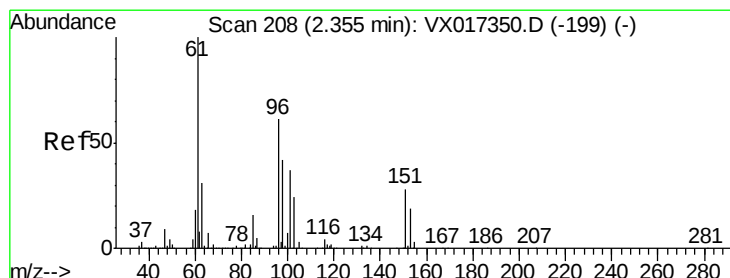
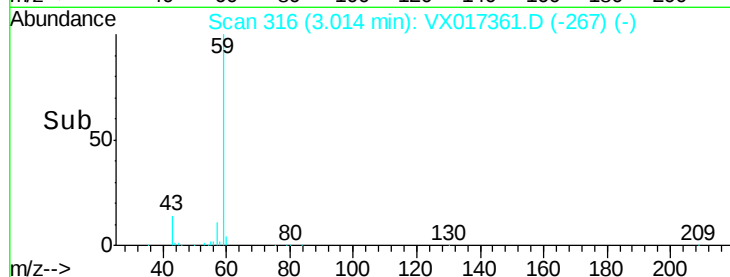
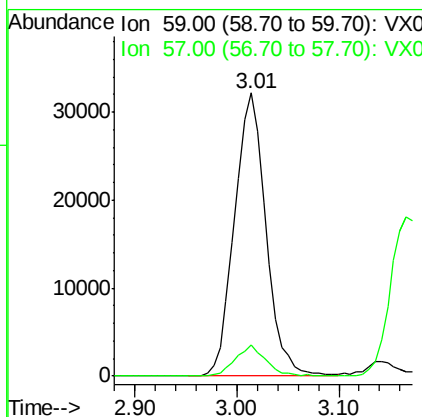
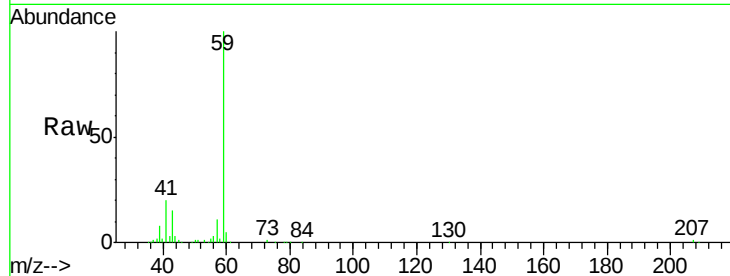
#11  
Tert butyl alcohol  
Concen: 102.702 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.3   | 12.5  |

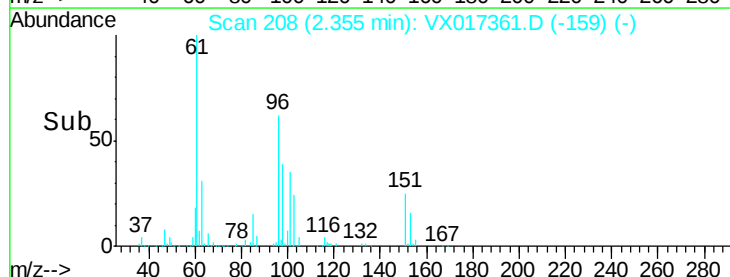
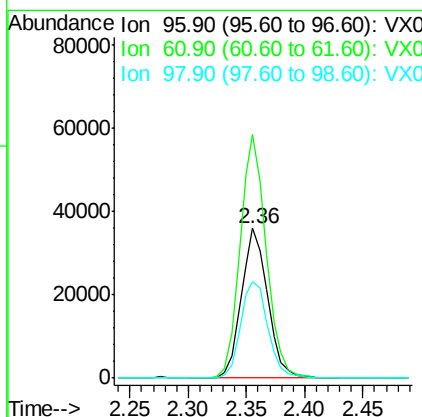
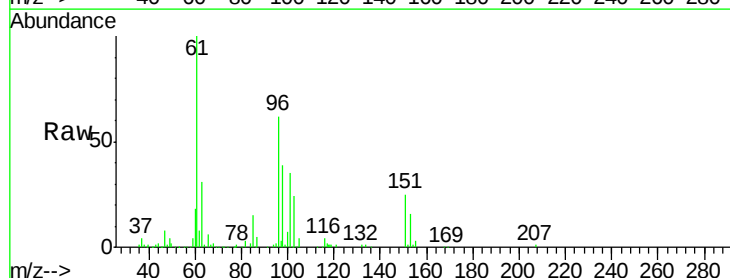
Manual Integrations  
APPROVED

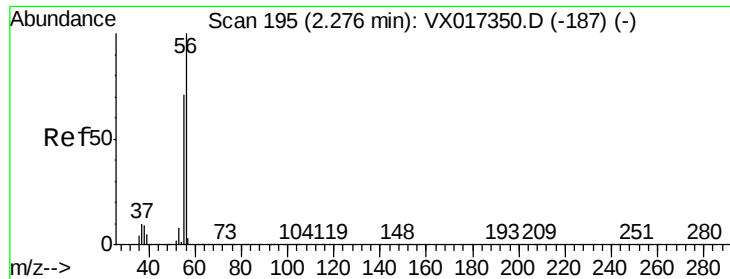
MMDadoda  
7/14/2020 11:36:12 AM



#12  
1,1-Dichloroethene  
Concen: 19.598 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.2 | 131.5 | 197.3 |
| 98      | 63.9  | 55.1  | 82.7  |





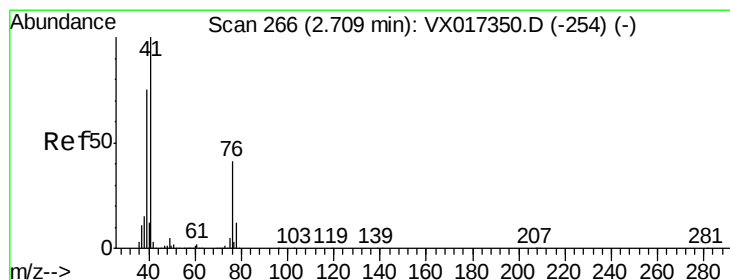
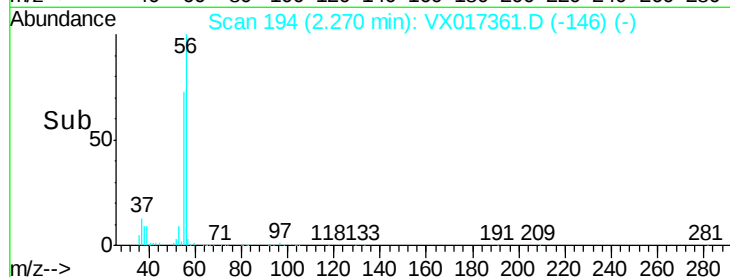
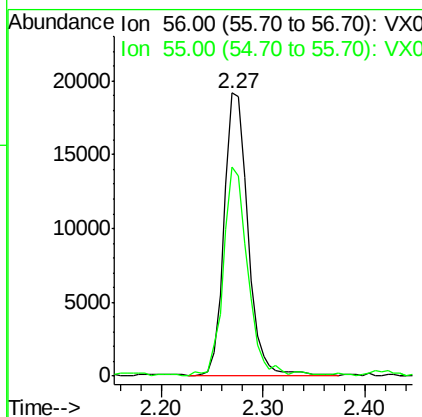
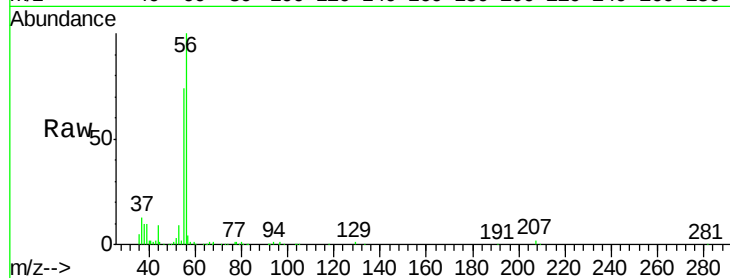
#13  
Acrolein  
Concen: 85.218 ug/l  
RT: 2.27 min Scan# 194  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 56      | 56  | 100   |       |       |
| 55      | 55  | 73.2  | 57.1  | 85.7  |

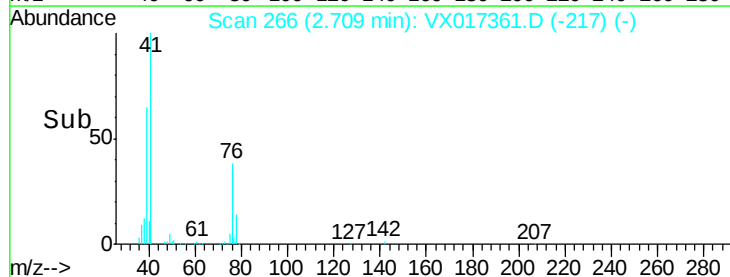
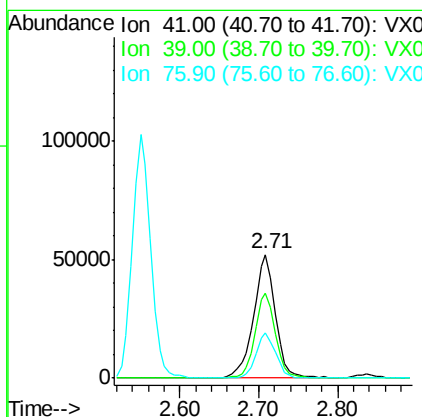
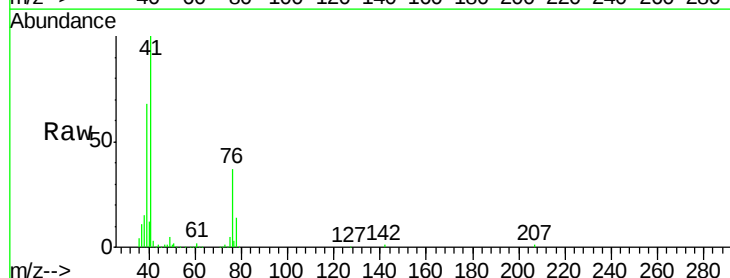
Manual Integrations  
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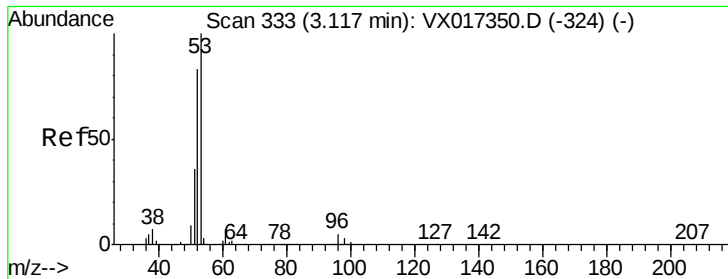
MMDadoda  
7/14/2020 11:36:12 AM



#14  
Allyl chloride  
Concen: 20.246 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41      | 41  | 100   |       |       |
| 39      | 39  | 63.0  | 53.0  | 79.4  |
| 76      | 76  | 33.2  | 28.2  | 42.2  |





#15

Acrylonitrile

Concen: 104.139 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

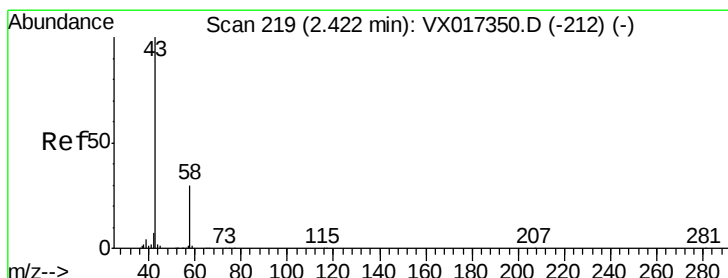
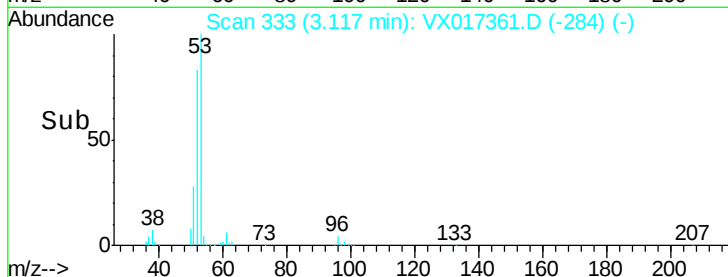
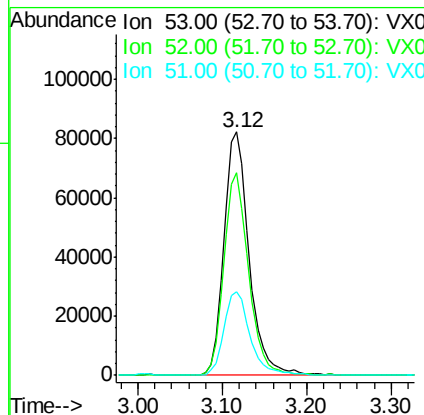
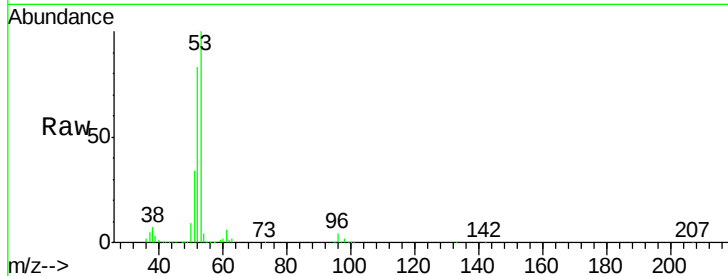
ClientSampleId :

VX0713WBS01

| Tot Ion   | 53    | Resp  | 169100 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.1  | 65.8  | 98.6   |
| 51        | 35.8  | 29.2  | 43.8   |

Manual Integrations  
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MMDadoda  
7/14/2020 11:36:12 AM



#16

Acetone

Concen: 98.349 ug/l

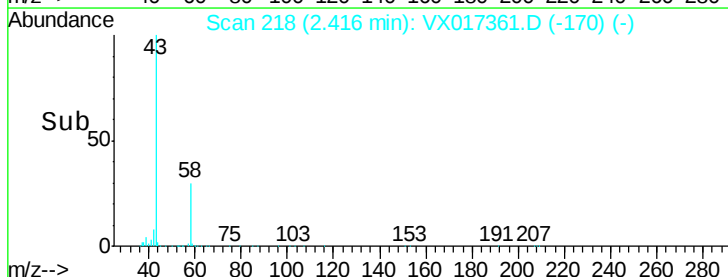
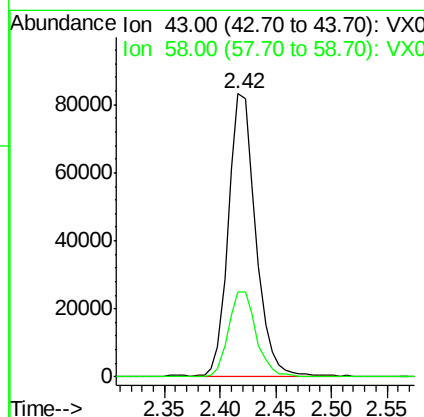
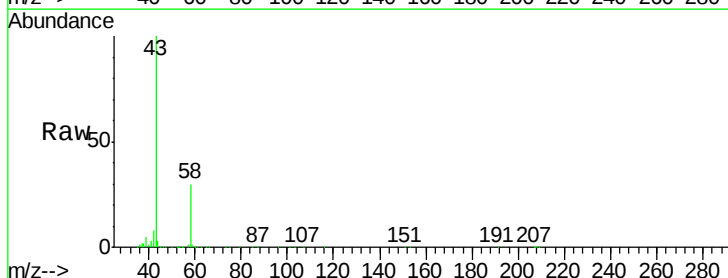
RT: 2.42 min Scan# 218

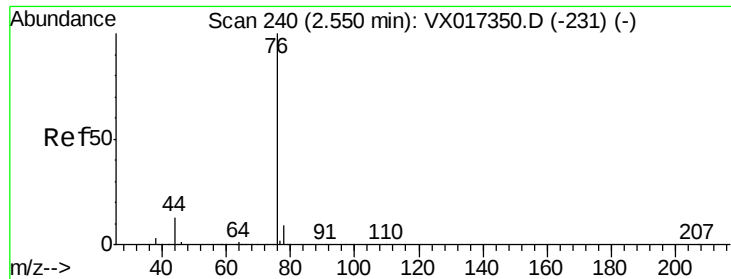
Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

| Tgt Ion   | 43    | Resp  | 139496 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.0  | 24.2  | 36.2   |





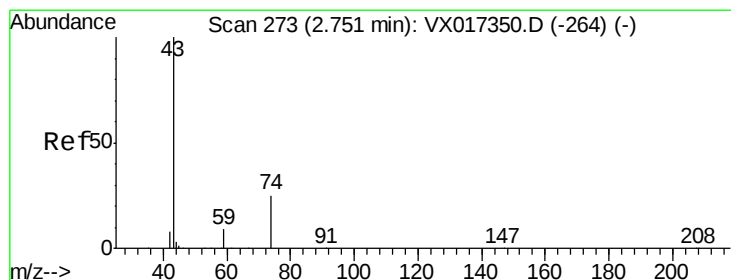
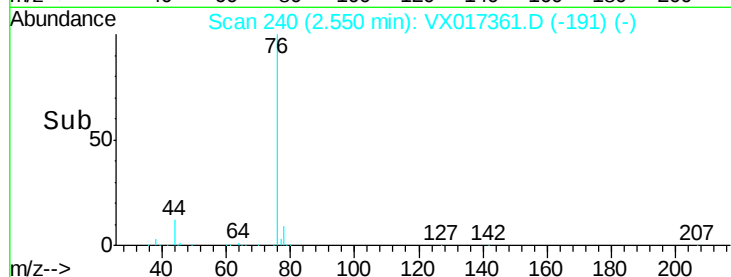
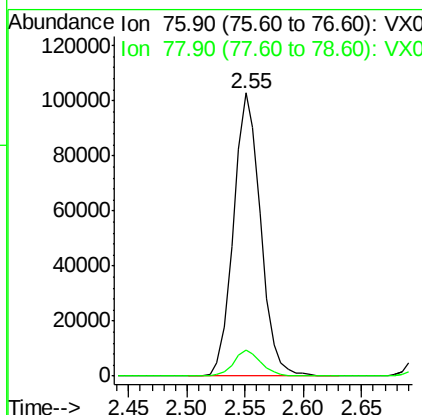
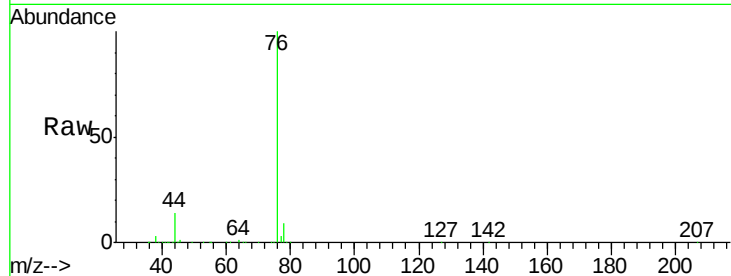
#17  
Carbon Disulfide  
Concen: 19.877 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.3   | 10.9  |

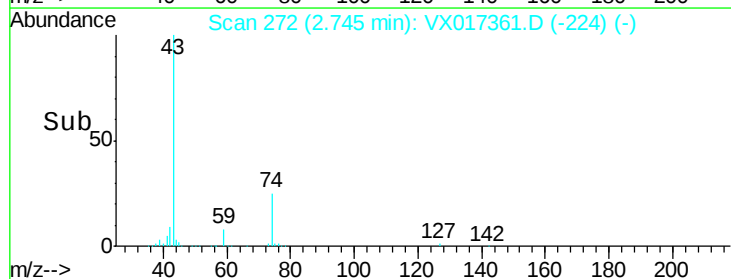
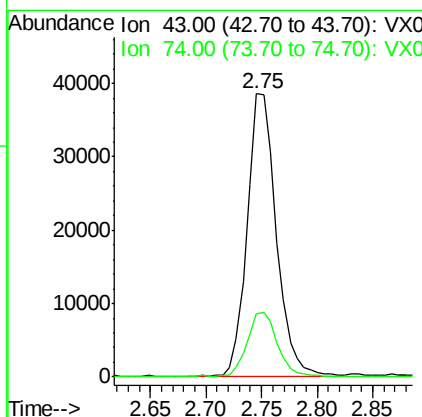
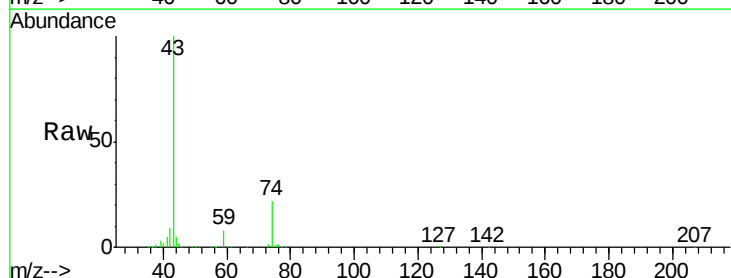
Manual Integrations  
APPROVED

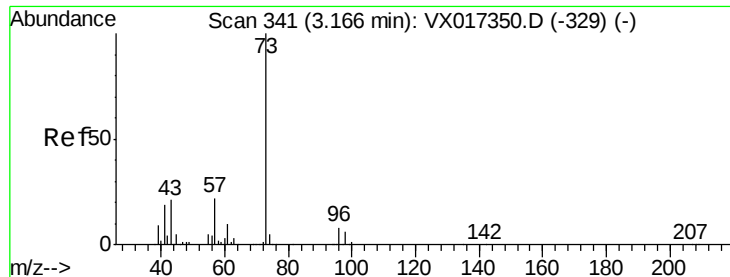
MMDadoda  
7/14/2020 11:36:12 AM



#18  
Methyl Acetate  
Concen: 20.256 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.0  | 19.4  | 29.2  |





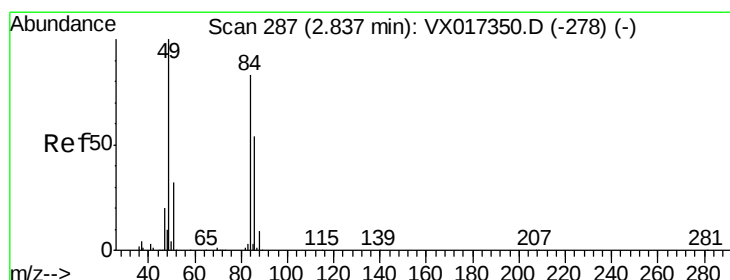
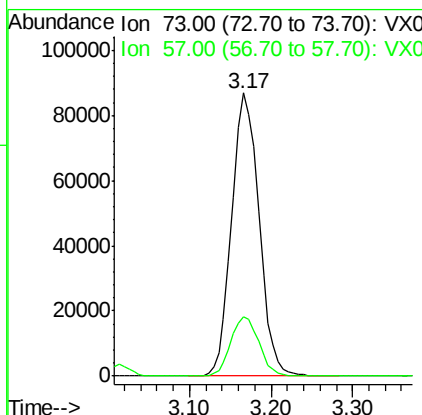
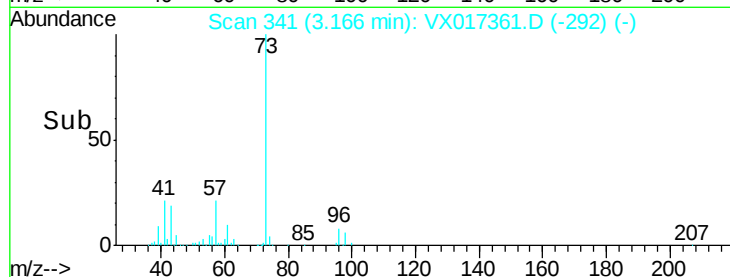
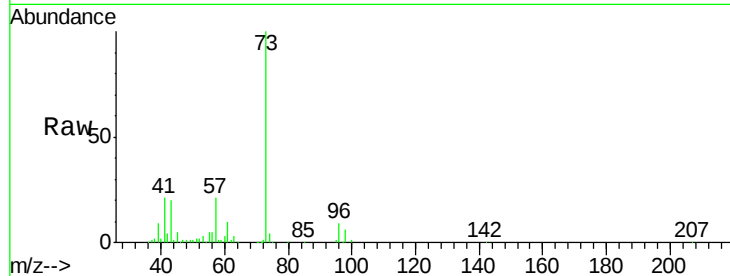
#19  
Methvl tert-butvl Ether  
Concen: 20.560 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.8  | 17.5  | 26.3  |

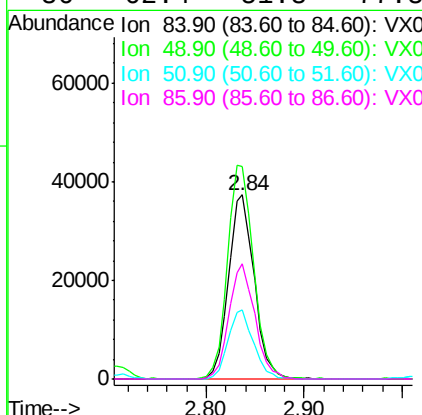
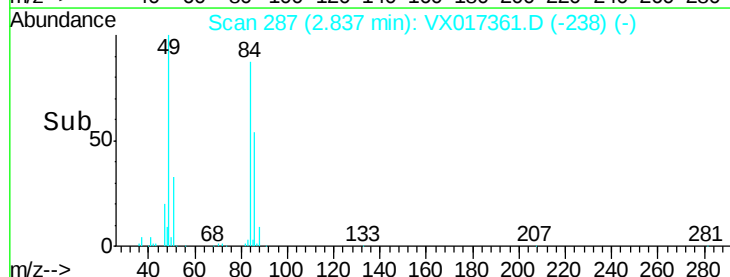
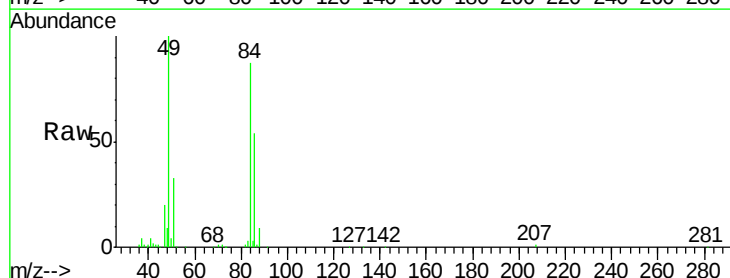
Manual Integrations  
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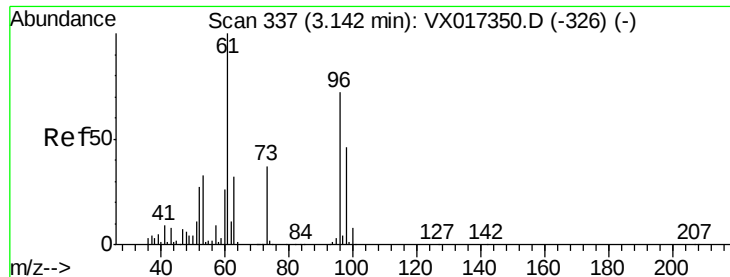
MMDadoda  
7/14/2020 11:36:12 AM



#20  
Methylene Chloride  
Concen: 19.647 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 115.4 | 95.8  | 143.8 |
| 51      | 37.8  | 31.0  | 46.4  |
| 86      | 62.4  | 51.8  | 77.8  |





#21

trans-1,2-Dichloroethene

Concen: 20.128 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

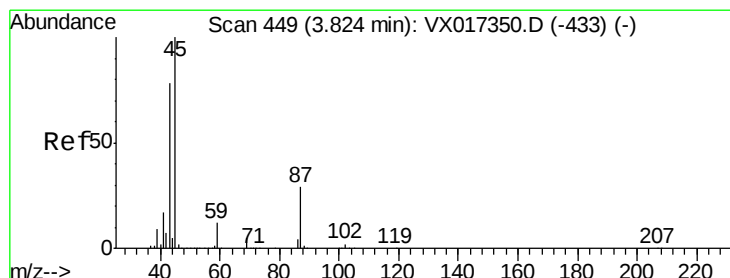
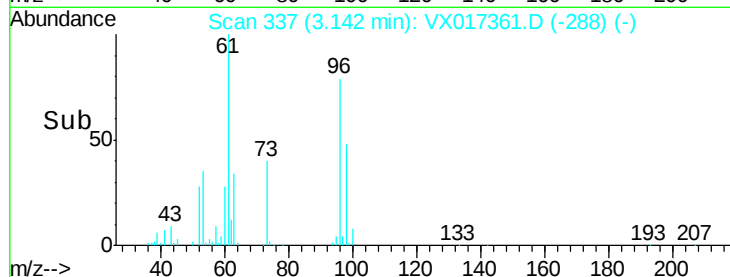
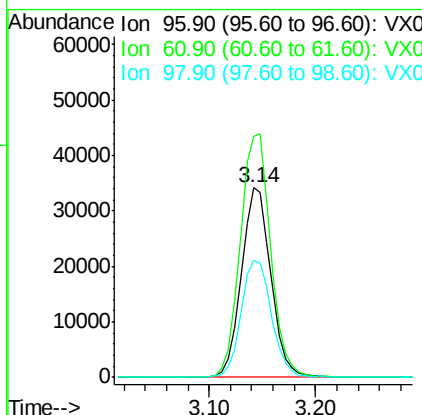
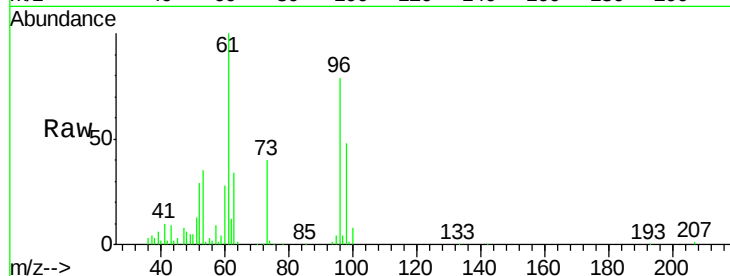
ClientSampleId :

VX0713WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 66386 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 127.1 | 111.1 | 166.7 |
| 98       | 61.3  | 51.4  | 77.0  |

Manual Integrations  
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MMDadoda  
7/14/2020 11:36:12 AM



#22

Diisopropyl ether

Concen: 21.540 ug/l

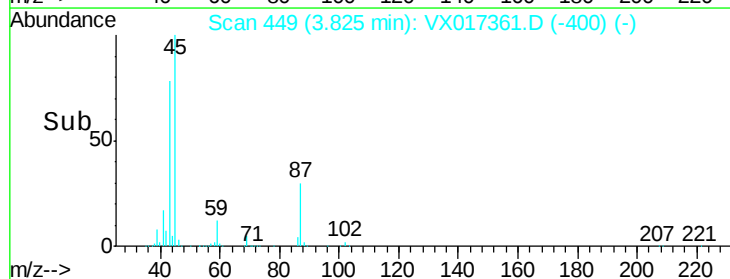
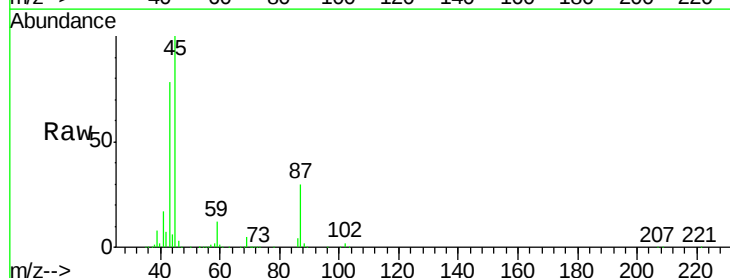
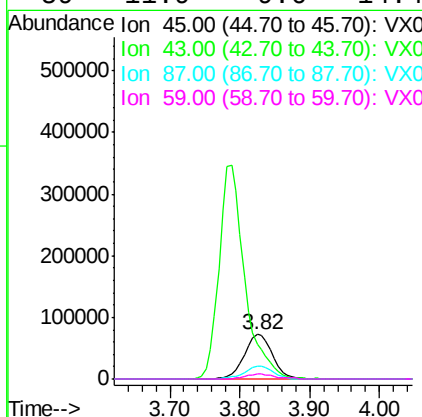
RT: 3.82 min Scan# 449

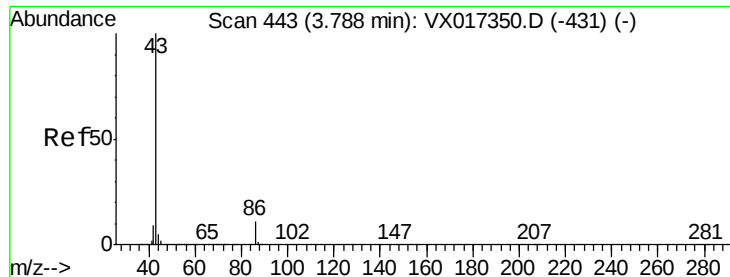
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 204949 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 78.1  | 62.2  | 93.2   |
| 87       | 29.7  | 23.0  | 34.6   |
| 59       | 11.9  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 106.195 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 43 Resp: 888634

Ion Ratio Lower Upper

43 100

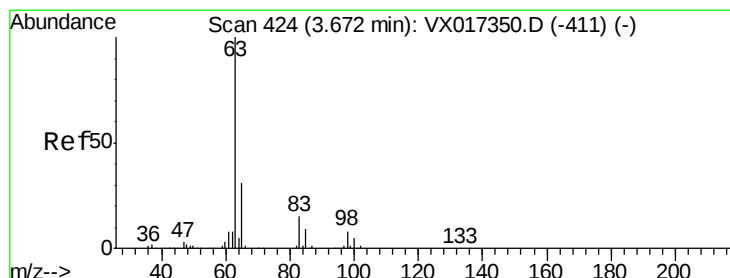
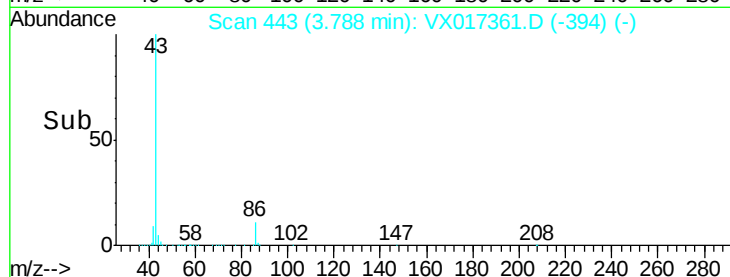
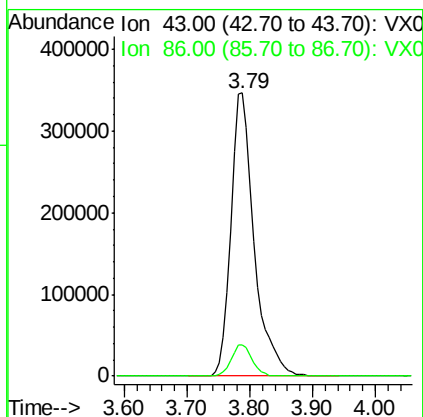
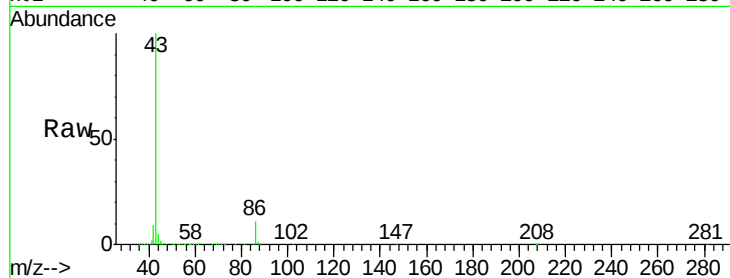
86 11.1 9.0 13.4

Manual Integrations

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MMDadoda

7/14/2020 11:36:12 AM



#24

1,1-Dichloroethane

Concen: 20.673 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

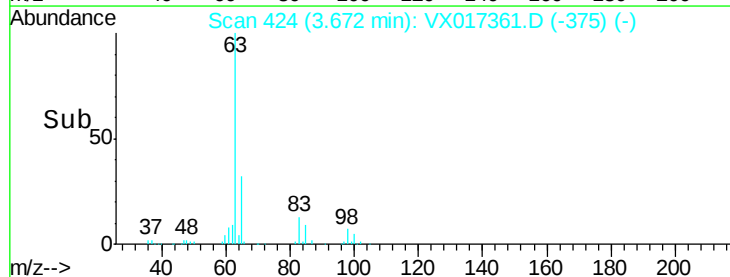
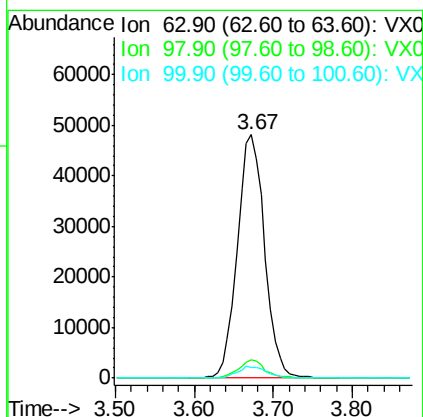
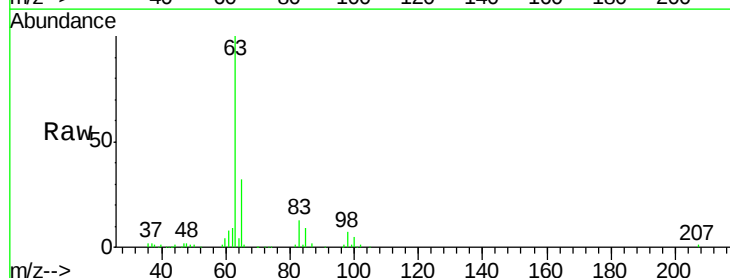
Tgt Ion: 63 Resp: 115599

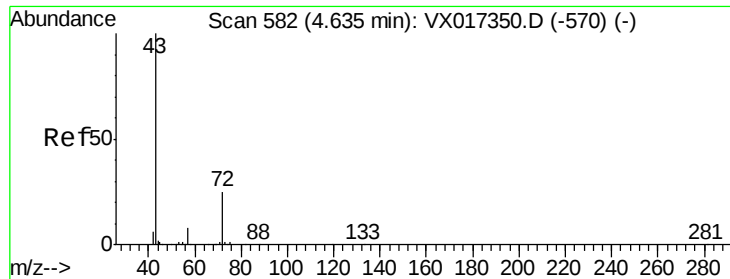
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 103.234 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 43 Resp: 232564

Ion Ratio Lower Upper

43 100

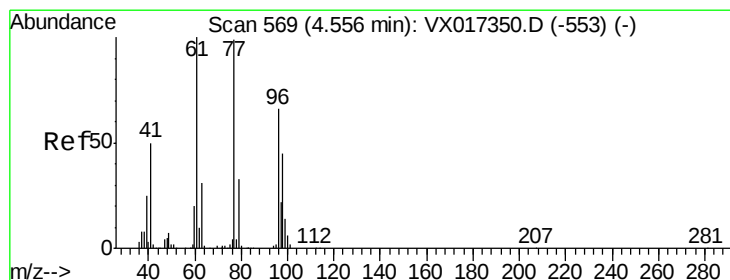
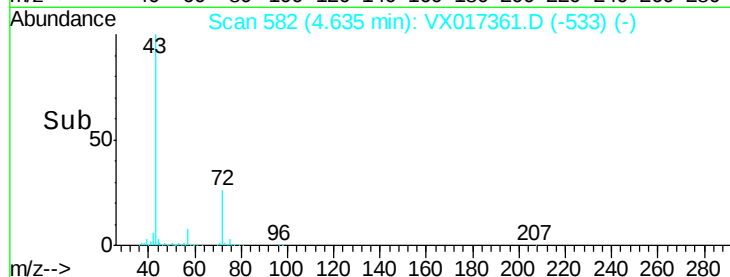
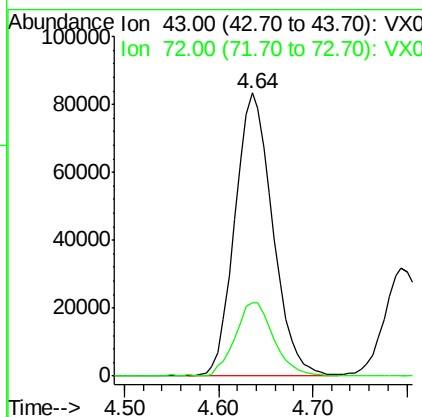
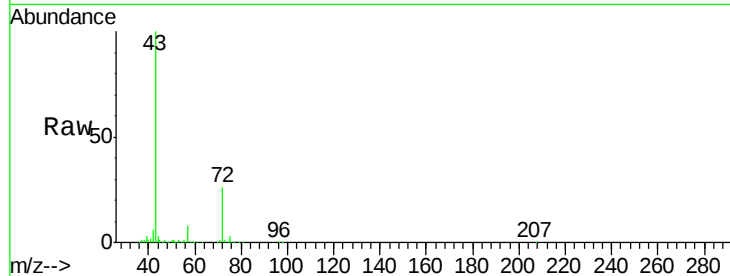
72 25.9 20.4 30.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.822 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017361.D

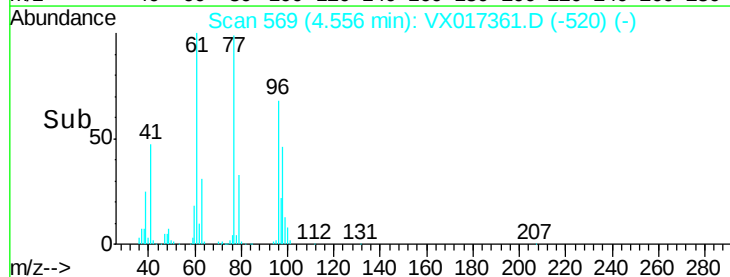
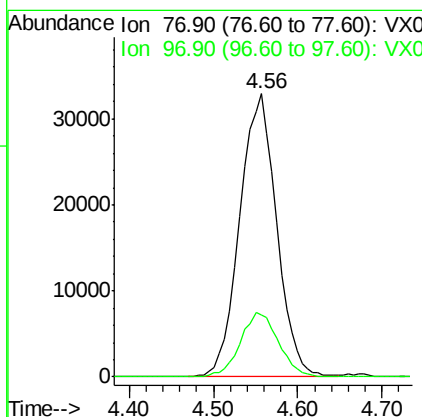
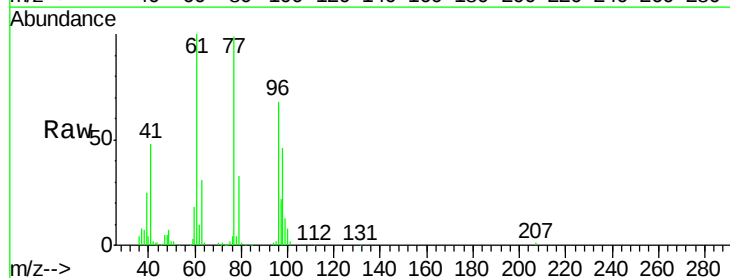
Acq: 13 Jul 2020 18:21

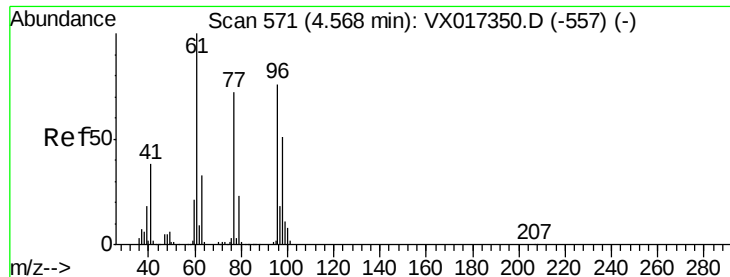
Tgt Ion: 77 Resp: 97950

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.3





#27

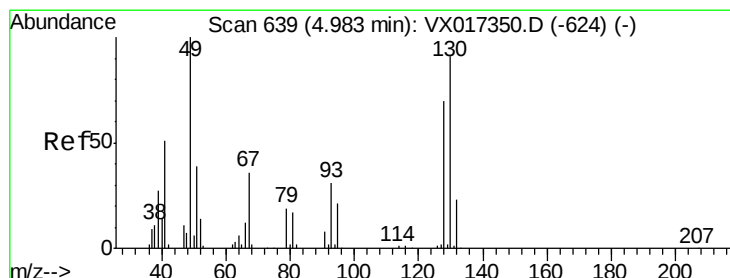
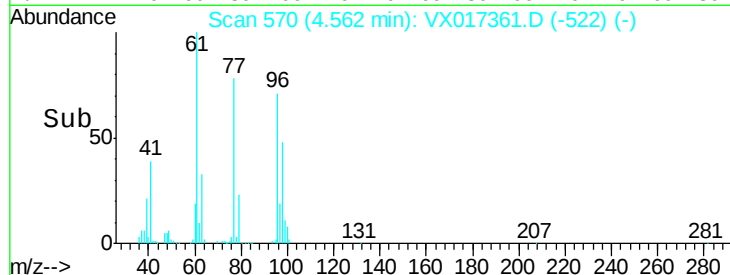
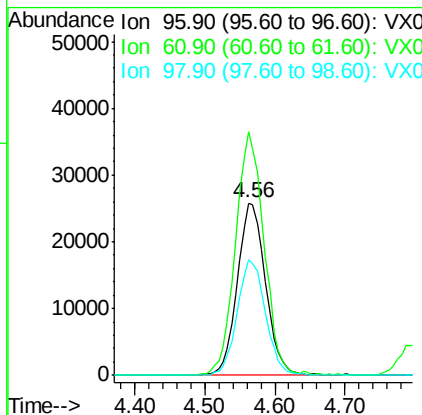
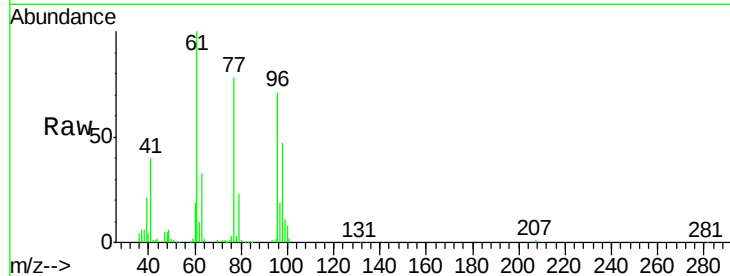
cis-1,2-Dichloroethene  
Concen: 20.085 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.6 | 0.0   | 281.2 |
| 98      | 66.9  | 0.0   | 131.4 |

Manual Integrations  
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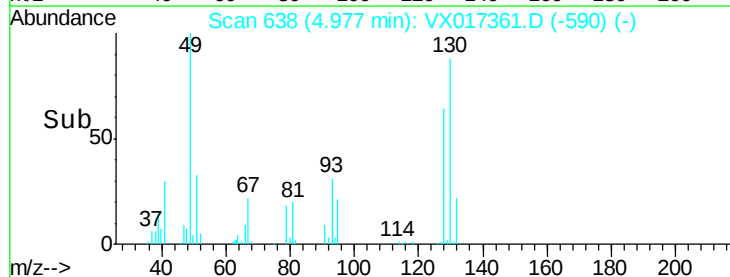
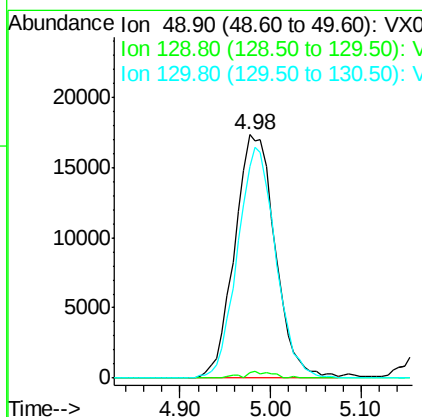
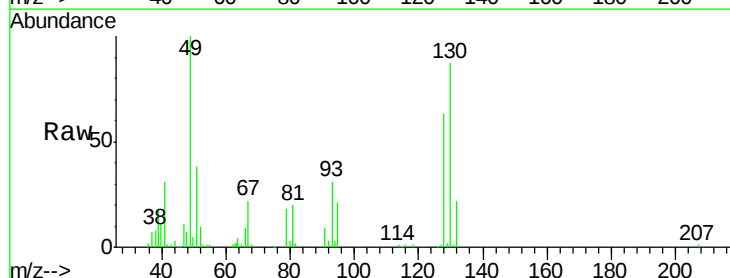
MMDadoda  
7/14/2020 11:36:12 AM

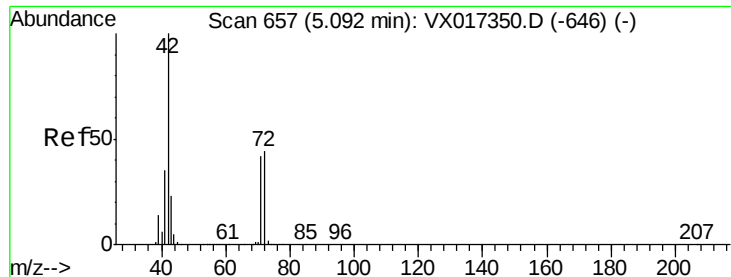


#28

Bromochloromethane  
Concen: 20.750 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 4.8   |
| 130     | 89.4  | 71.1  | 106.7 |





#29

Tetrahydrofuran

Concen: 104.779 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

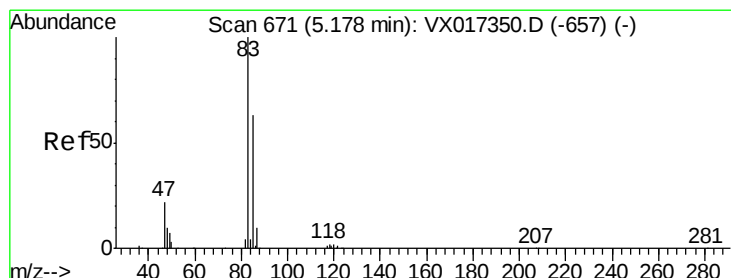
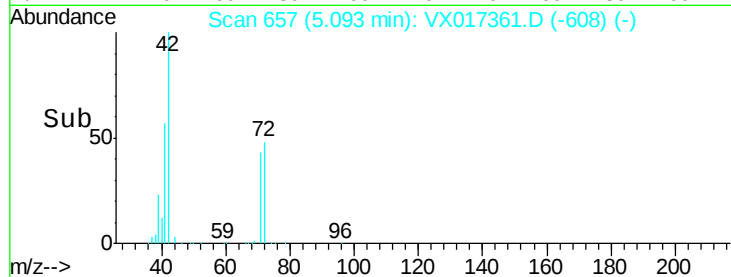
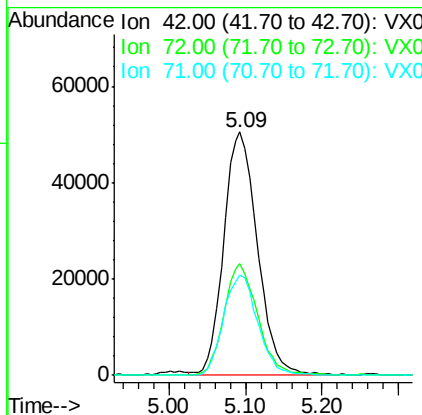
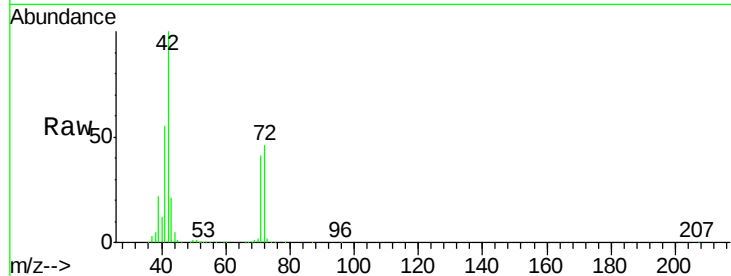
ClientSampleId :

VX0713WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 152797 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 46.5 | 37.2  | 55.8   |
| 71        | 42.3 | 34.4  | 51.6   |

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#30

Chloroform

Concen: 20.033 ug/l

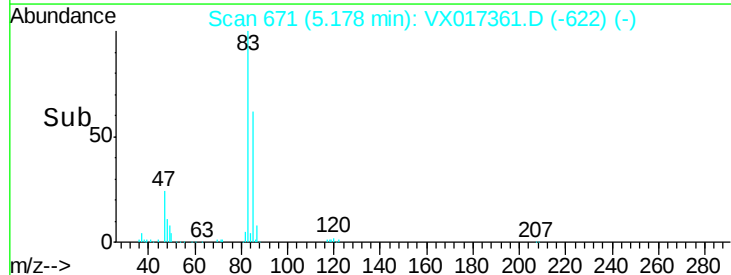
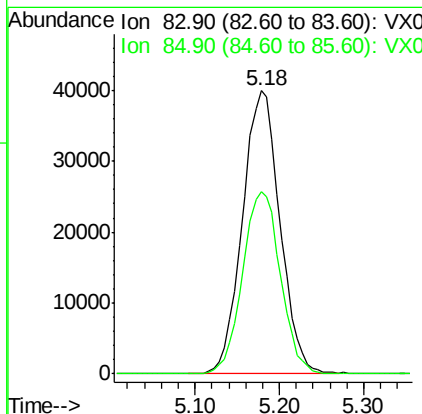
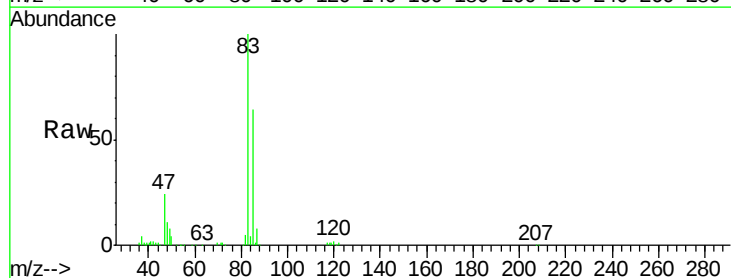
RT: 5.18 min Scan# 671

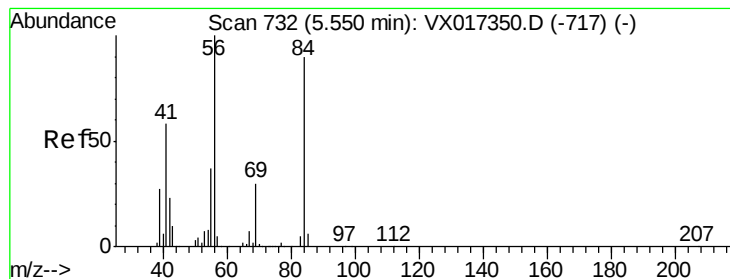
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 120523 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.3 | 50.2  | 75.4   |





#31

Cyclohexane

Concen: 21.975 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

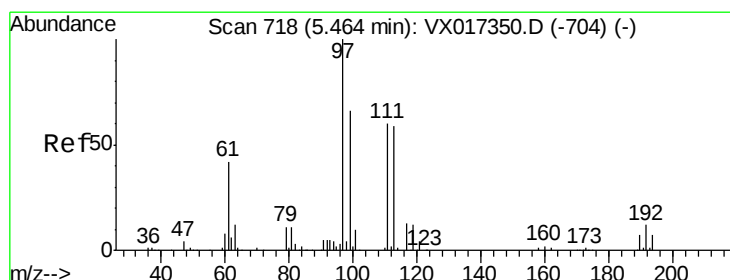
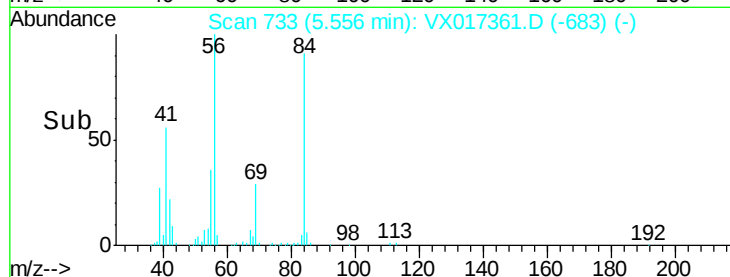
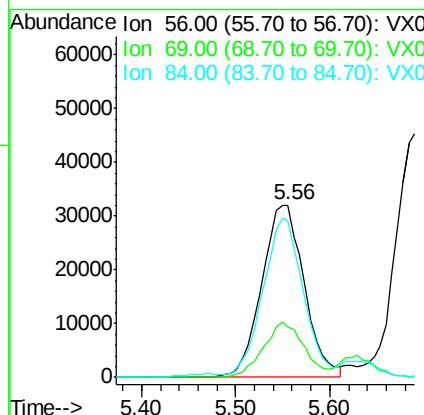
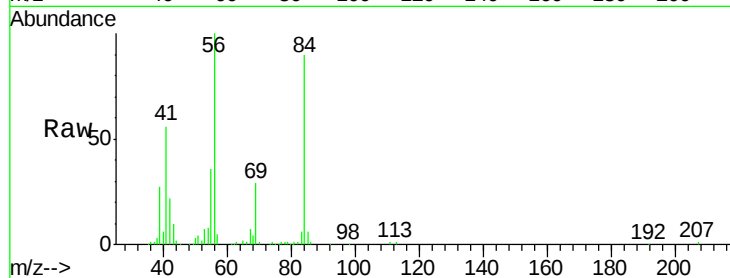
ClientSampleId :

VX0713WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 28.6 | 23.7  | 35.5  |       |
| 84      | 88.9 | 71.8  | 107.6 |       |

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#32

1,1,1-Trichloroethane

Concen: 19.704 ug/l

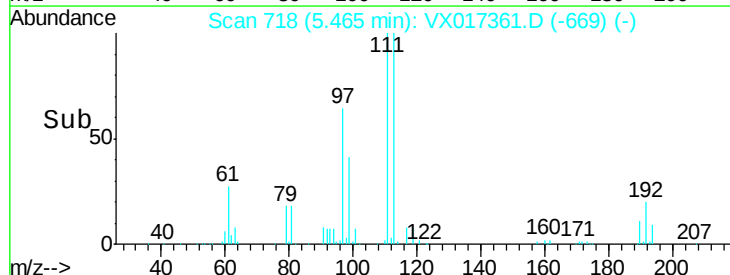
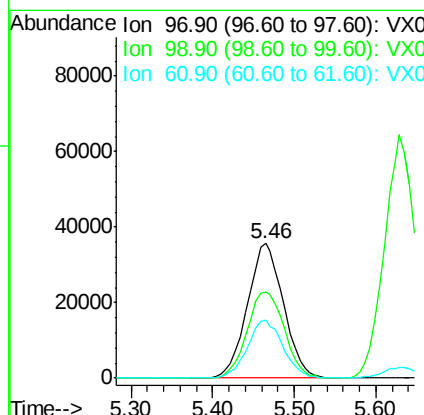
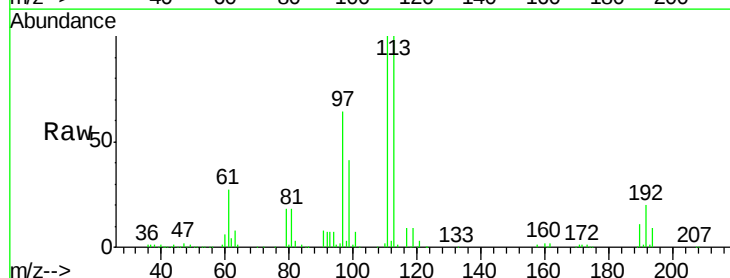
RT: 5.46 min Scan# 718

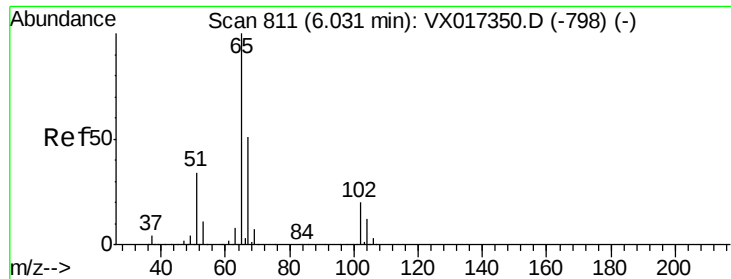
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 66.2 | 51.2  | 76.8  |       |
| 61      | 43.0 | 32.7  | 49.1  |       |





#33

1,2-Dichloroethane-d4

Concen: 48.191 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 65 Resp: 191593

Ion Ratio Lower Upper

65 100

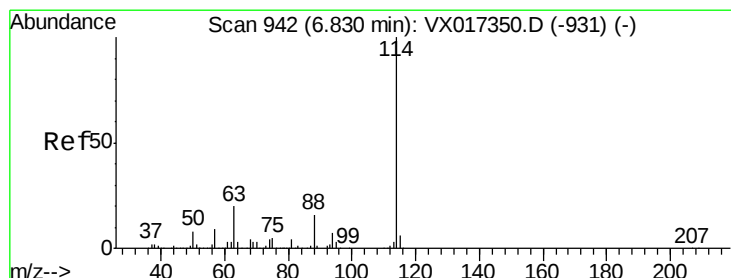
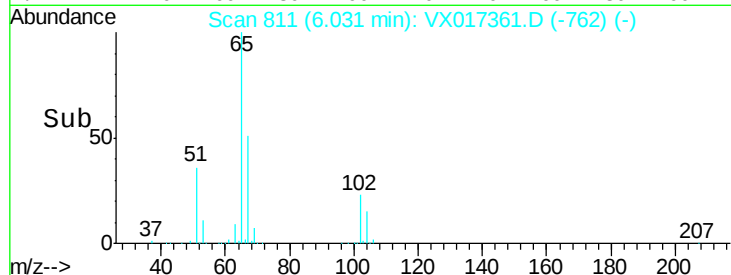
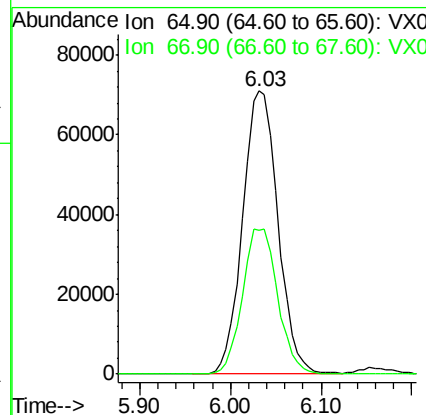
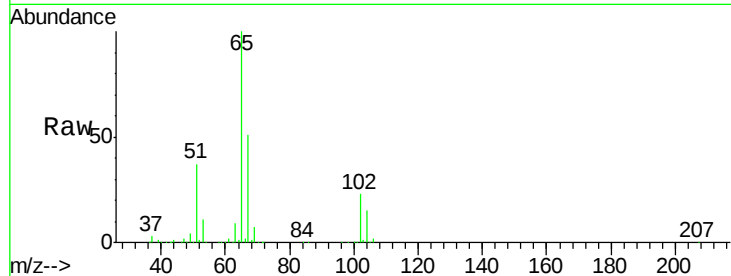
67 51.4 0.0 101.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

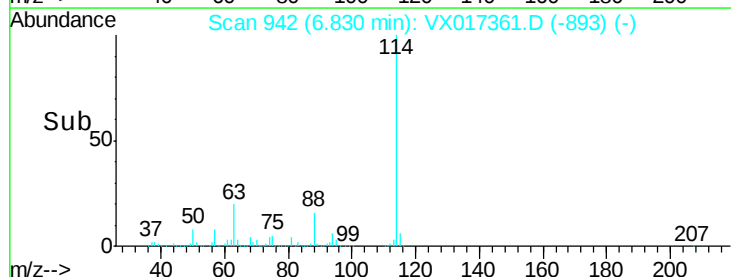
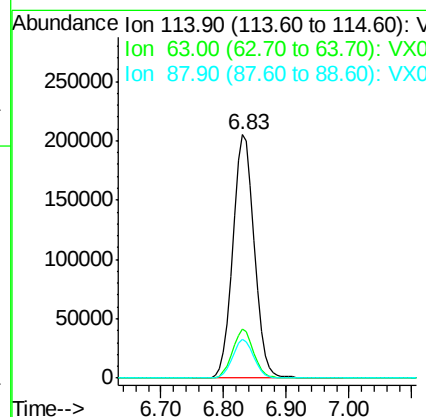
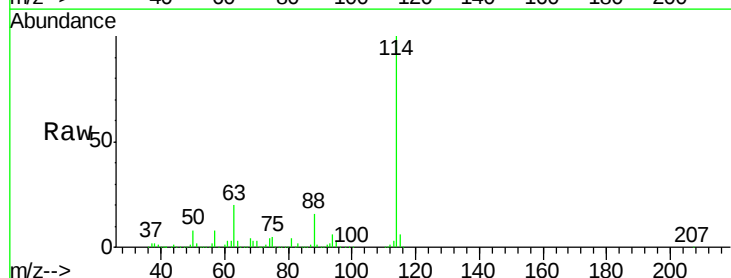
Tgt Ion: 114 Resp: 484491

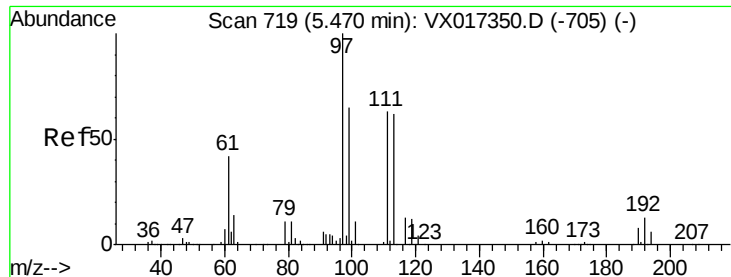
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.811 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

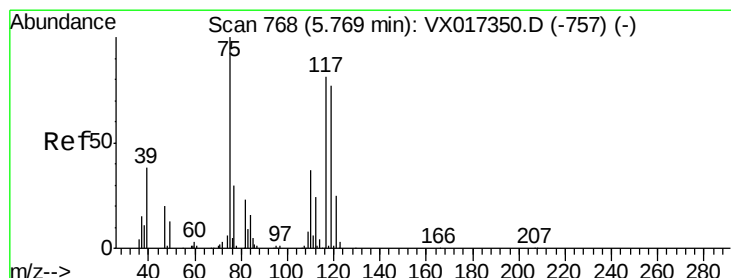
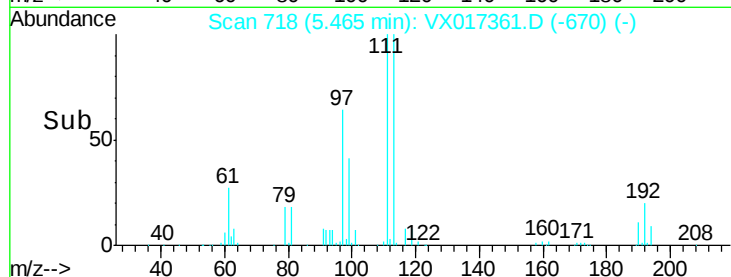
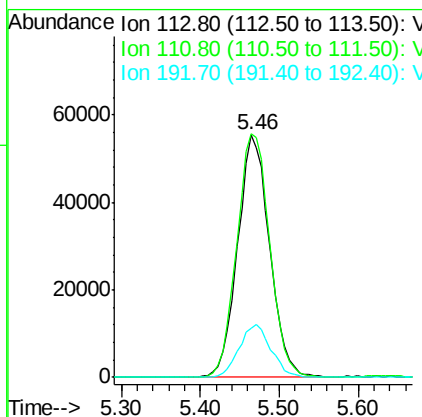
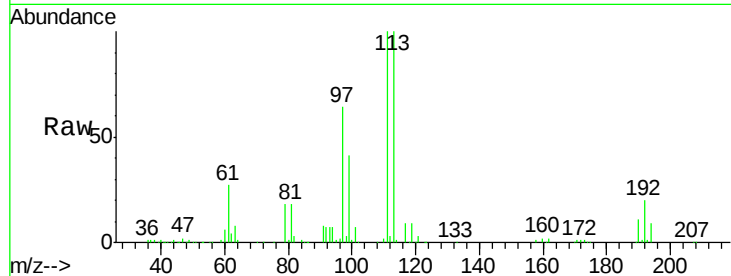
ClientSampleId :

VX0713WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 156038 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.8 | 82.4  | 123.6  |
| 192       | 21.8  | 17.2  | 25.8   |

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#36

1,1-Dichloropropene

Concen: 19.744 ug/l

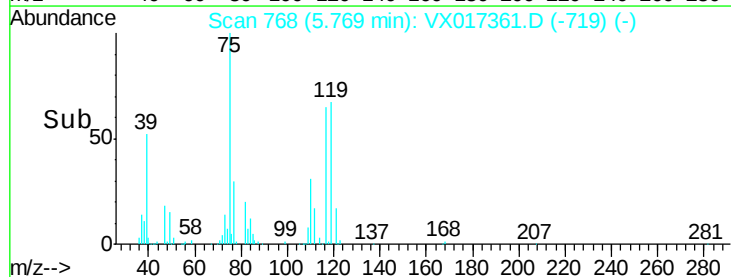
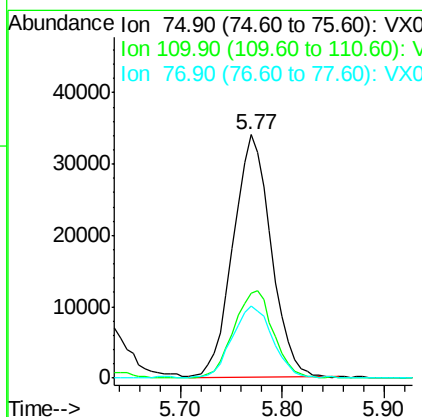
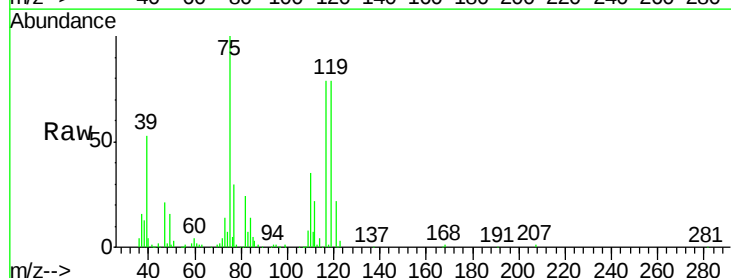
RT: 5.77 min Scan# 768

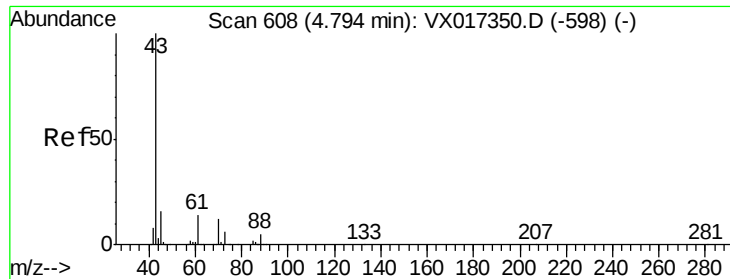
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 87988 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 37.7  | 18.6  | 55.8  |
| 77        | 31.3  | 24.9  | 37.3  |





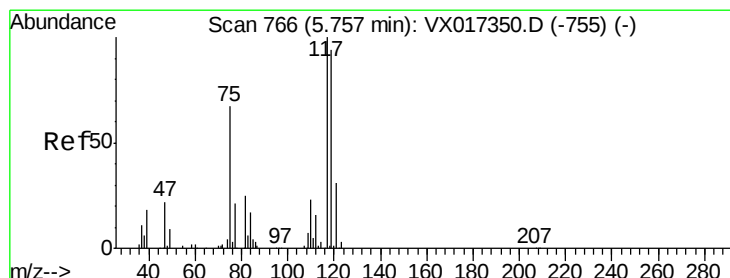
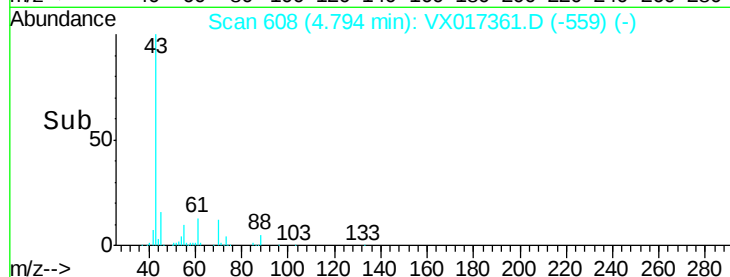
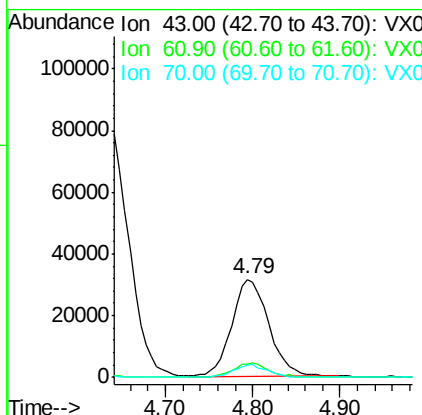
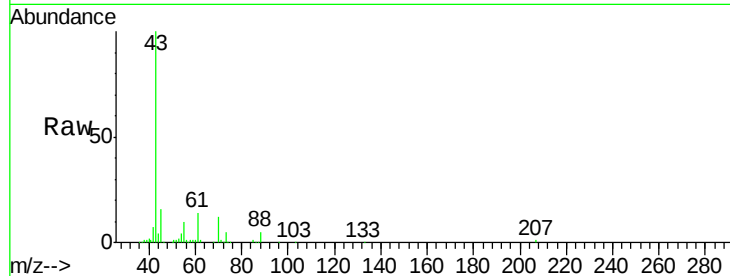
#37  
Ethyl Acetate  
Concen: 19.966 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 10.7  | 16.1  |
| 70      | 11.8  | 9.0   | 13.6  |

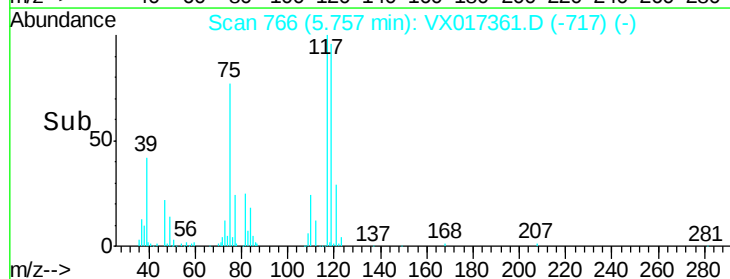
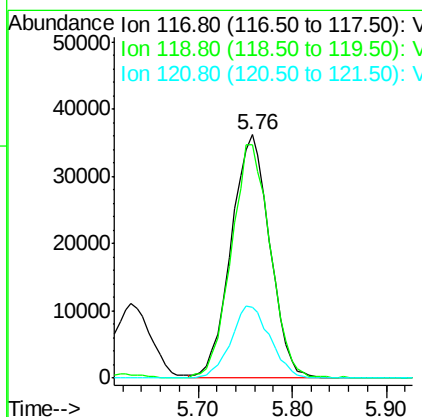
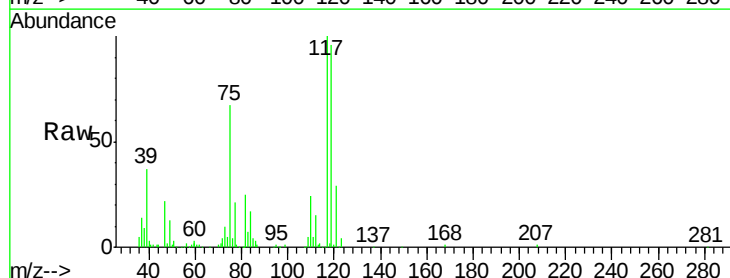
Manual Integrations  
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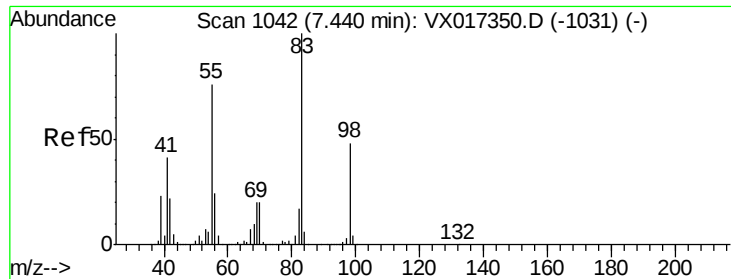
MMDadoda  
7/14/2020 11:36:12 AM



#38  
Carbon Tetrachloride  
Concen: 19.801 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 74.7  | 112.1 |
| 121     | 29.3  | 24.5  | 36.7  |





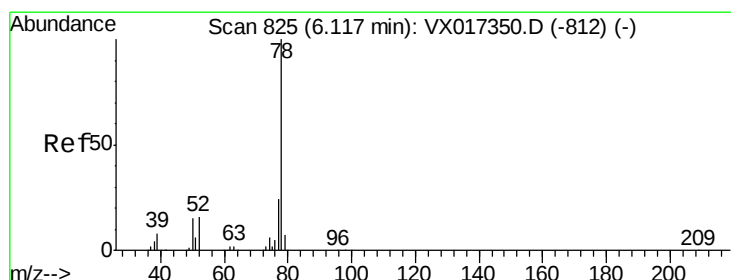
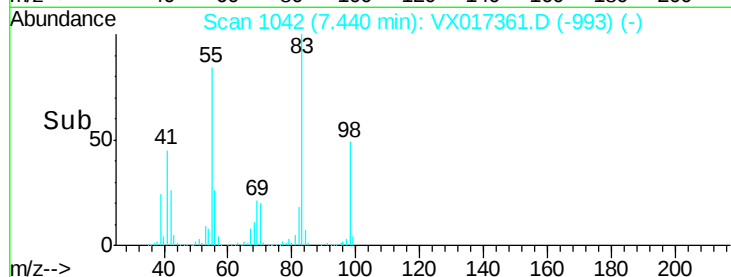
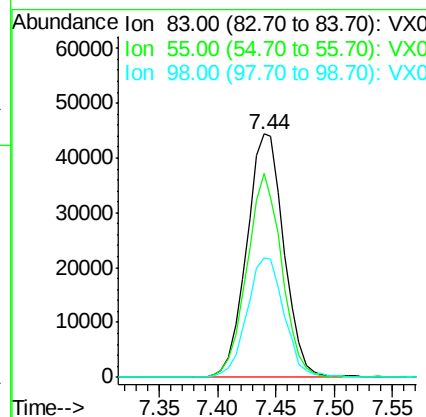
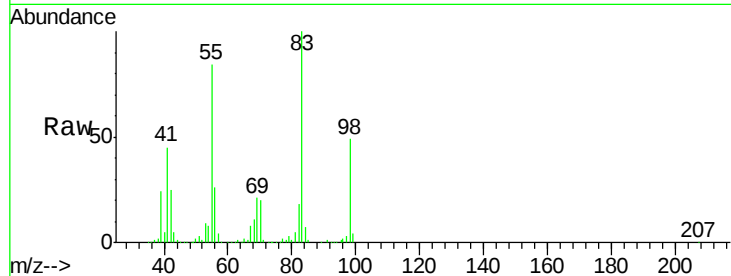
#39  
Methvlcvclohexane  
Concen: 20.433 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 83.8  | 61.2 | 91.8  |       |
| 98      | 49.1  | 38.1 | 57.1  |       |

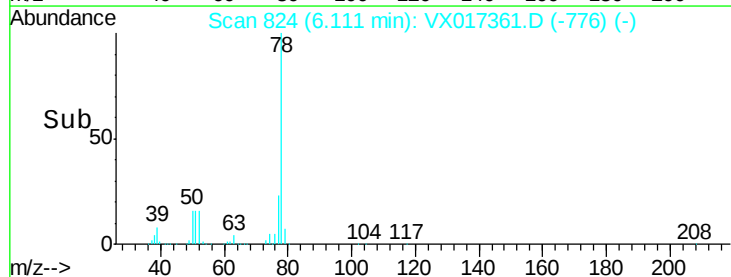
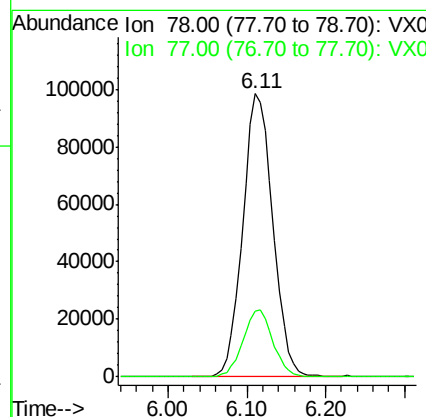
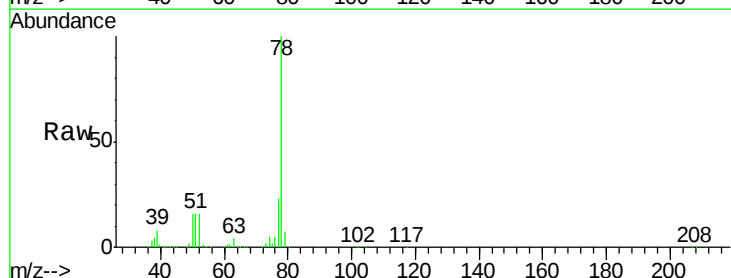
Manual Integrations  
APPROVED

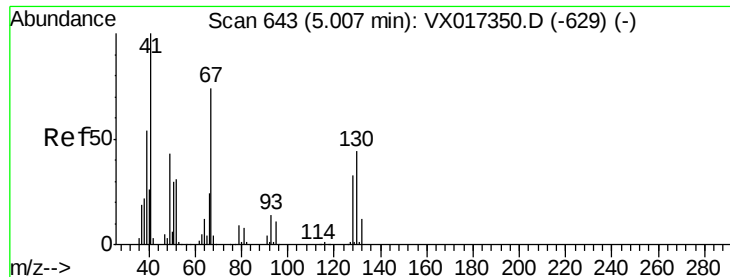
MMDadoda  
7/14/2020 11:36:12 AM



#40  
Benzene  
Concen: 20.431 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.1  | 18.9 | 28.3  |       |





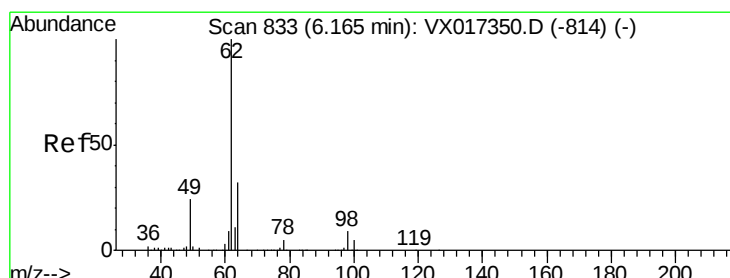
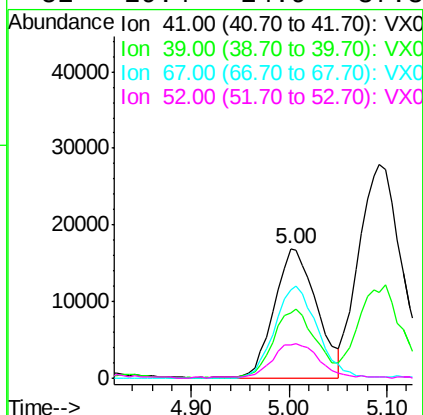
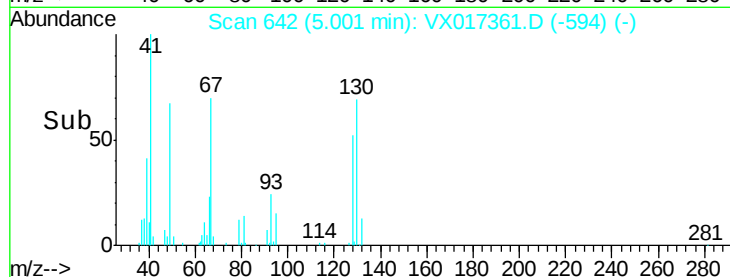
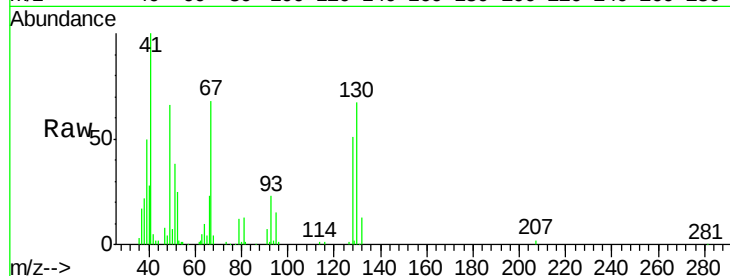
#41  
Methacrylonitrile  
Concen: 20.678 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.6 | 43.8  | 65.8  |       |
| 67      | 71.9 | 58.7  | 88.1  |       |
| 52      | 29.4 | 24.9  | 37.3  |       |

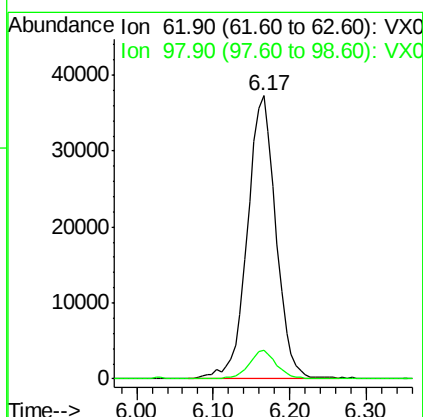
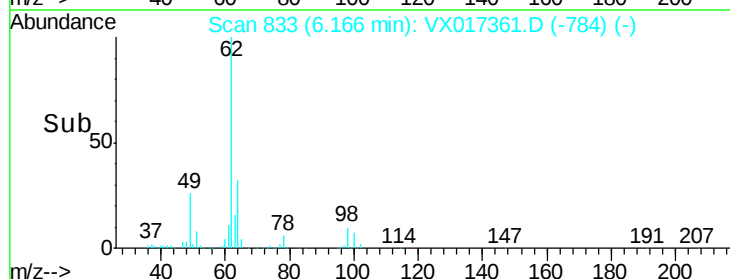
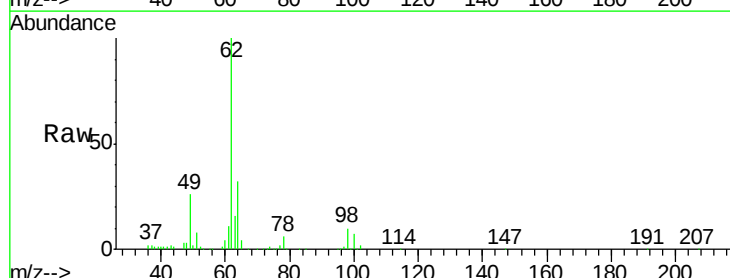
Manual Integrations  
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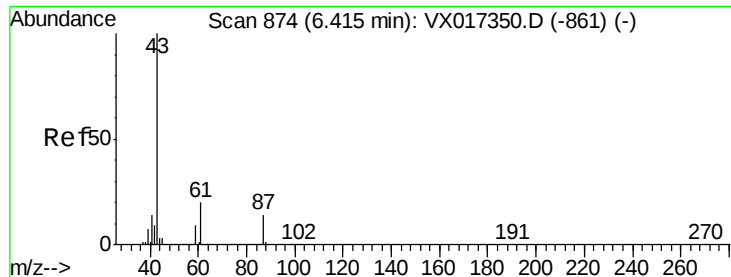
MMDadoda  
7/14/2020 11:36:12 AM



#42  
1,2-Dichloroethane  
Concen: 19.526 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.6 | 0.0   | 19.4  |       |





#43

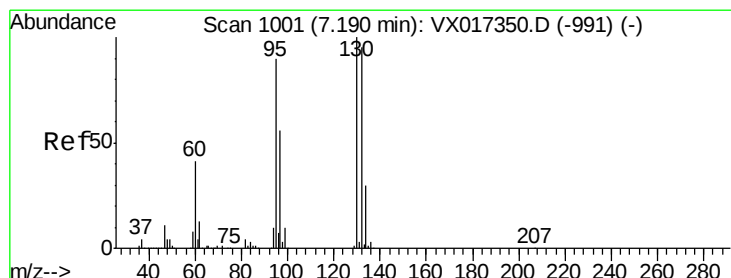
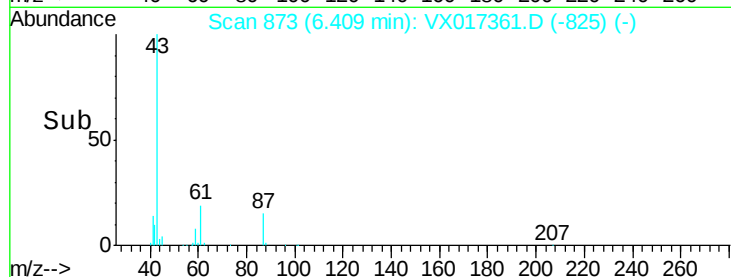
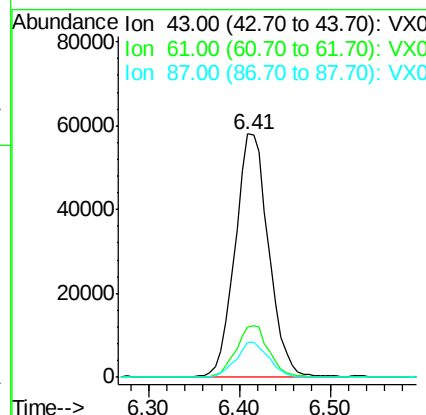
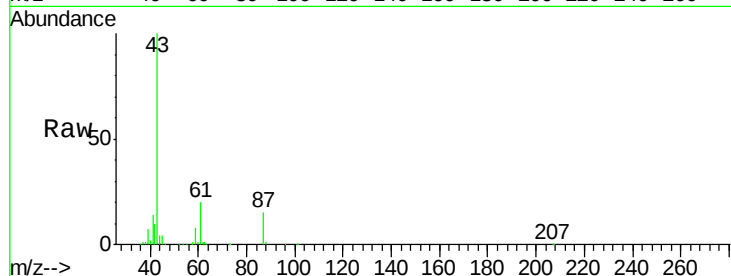
Isopropyl Acetate  
 Concen: 20.057 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.1  | 16.4  | 24.6  |
| 87      | 14.3  | 11.2  | 16.8  |

Manual Integrations  
 APPROVED

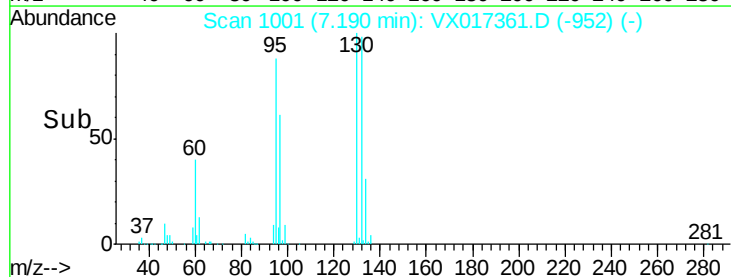
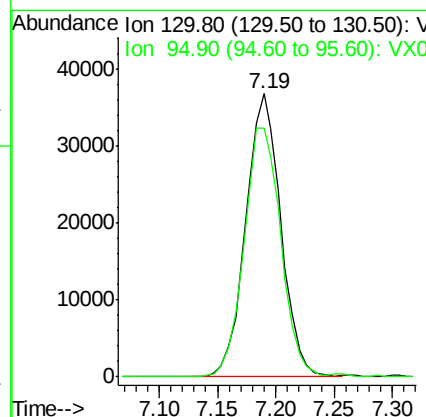
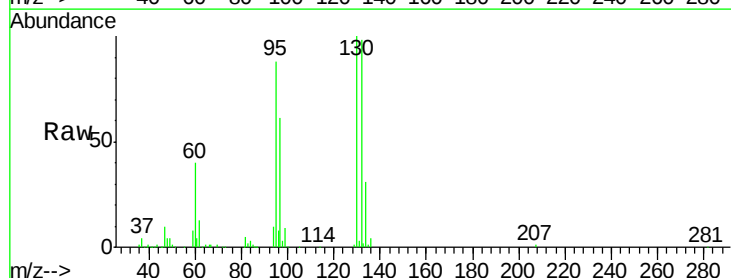
MMDadoda  
 7/14/2020 11:36:12 AM

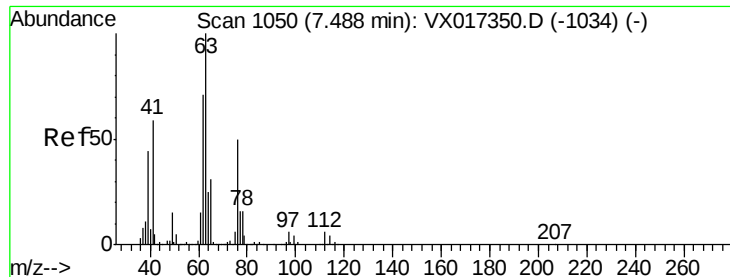


#44

Trichloroethene  
 Concen: 19.717 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 88.0  | 0.0   | 180.2 |





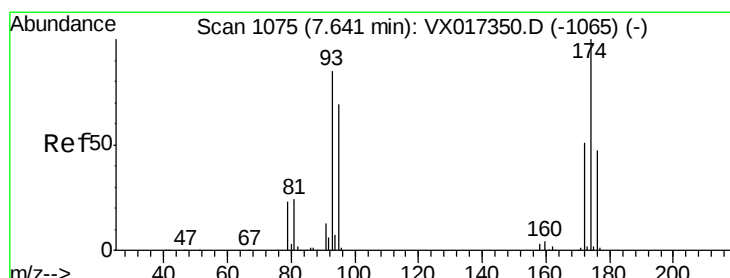
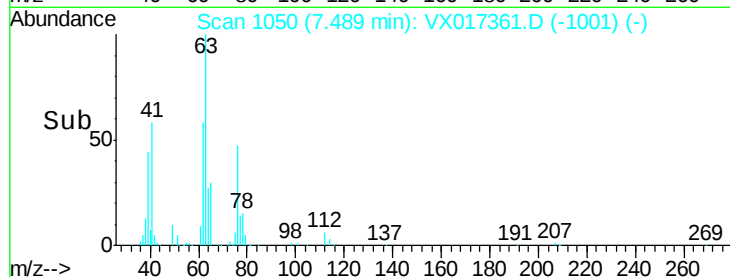
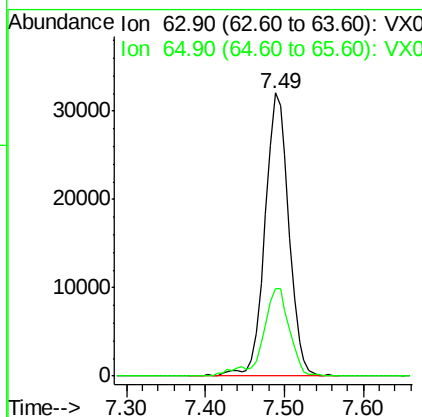
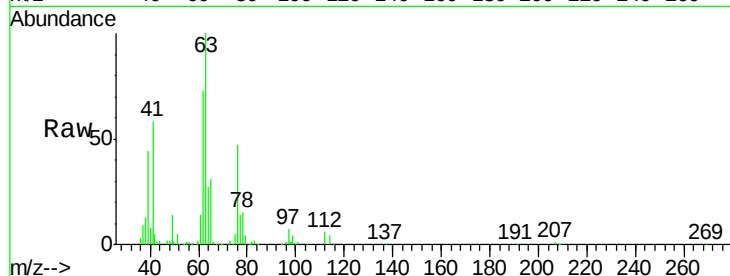
#45  
 1,2-Dichloropropane  
 Concen: 20.616 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Tot Ion: 63 Resp: 67561  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 24.5 36.7

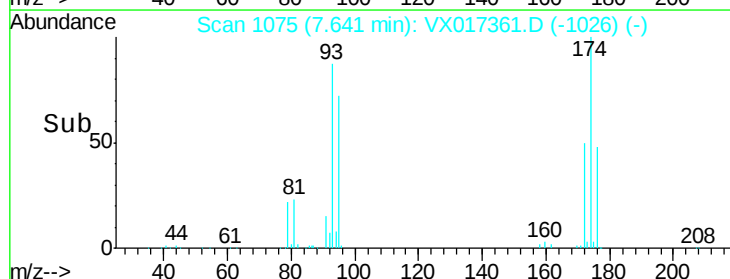
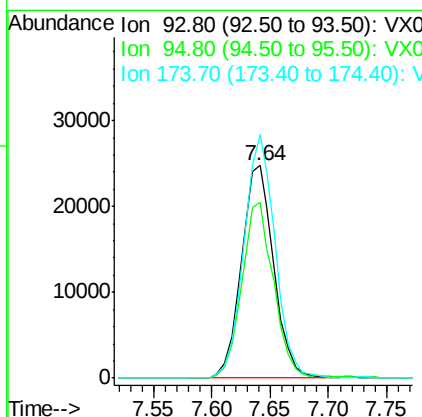
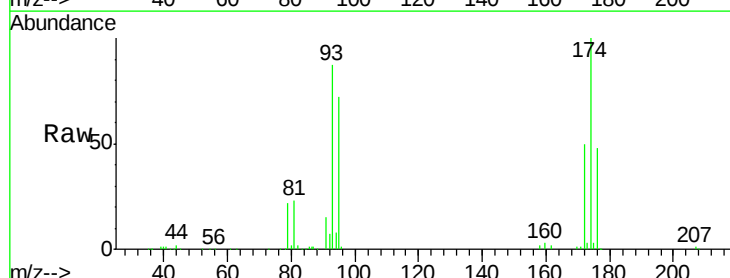
Manual Integrations  
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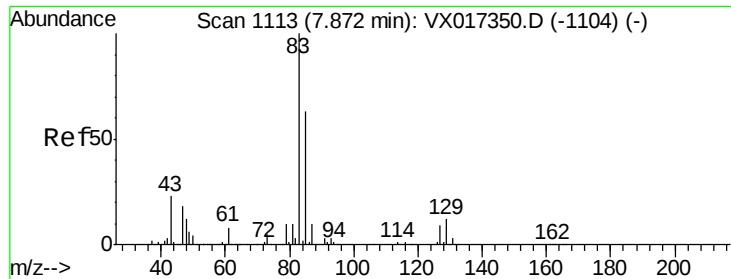
MMDadoda  
 7/14/2020 11:36:12 AM



#46  
 Dibromomethane  
 Concen: 20.255 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Tgt Ion: 93 Resp: 47872  
 Ion Ratio Lower Upper  
 93 100  
 95 82.1 65.4 98.2  
 174 110.8 91.2 136.8





#47

Bromodichloromethane

Concen: 19.674 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

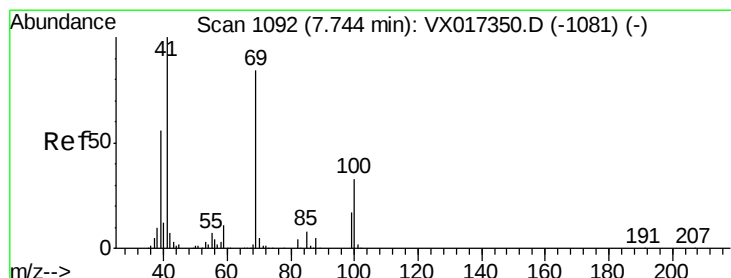
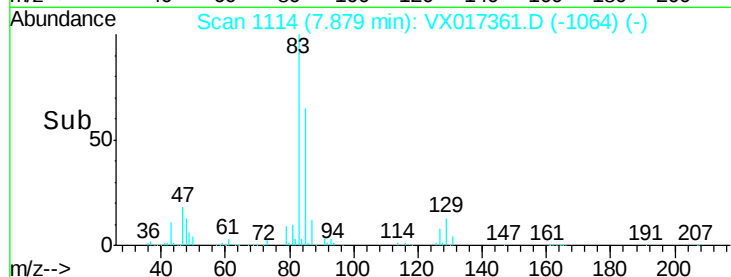
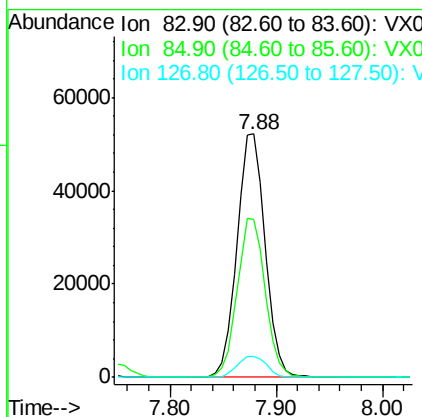
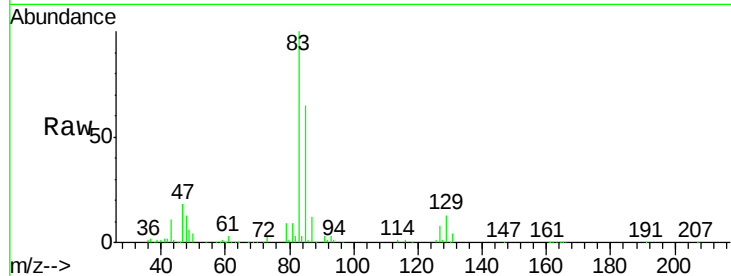
ClientSampleId :

VX0713WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 97213 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.6  | 50.2  | 75.4  |
| 127       | 8.4   | 7.1   | 10.7  |

Manual Integrations  
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MMDadoda  
7/14/2020 11:36:12 AM



#48

Methyl methacrylate

Concen: 20.550 ug/l

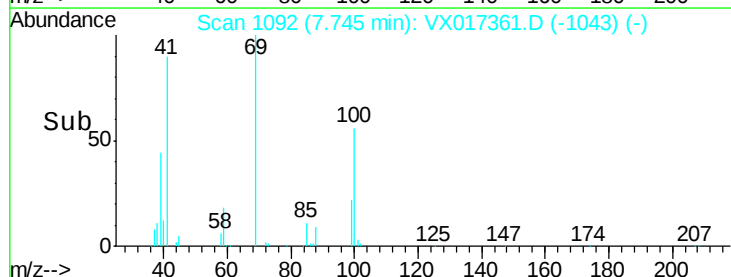
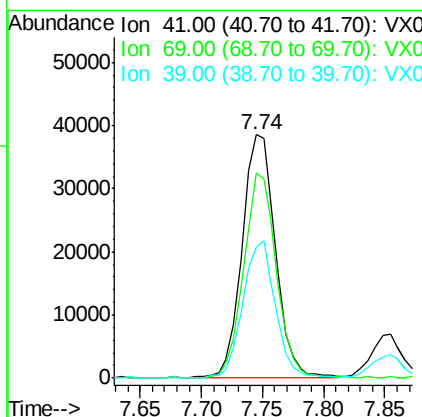
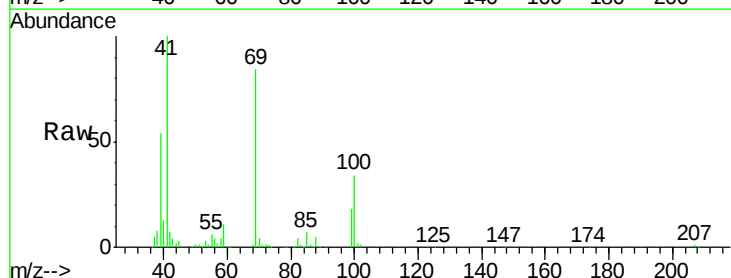
RT: 7.74 min Scan# 1092

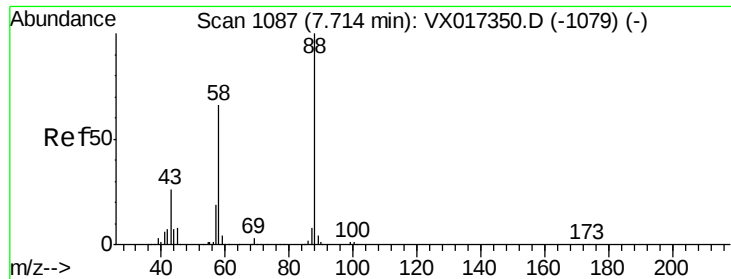
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 72622 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 83.6  | 67.8  | 101.6 |
| 39        | 55.5  | 45.1  | 67.7  |





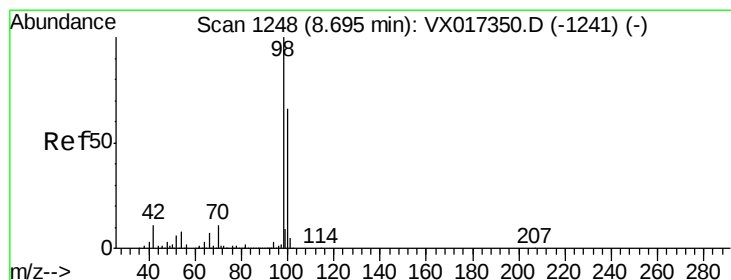
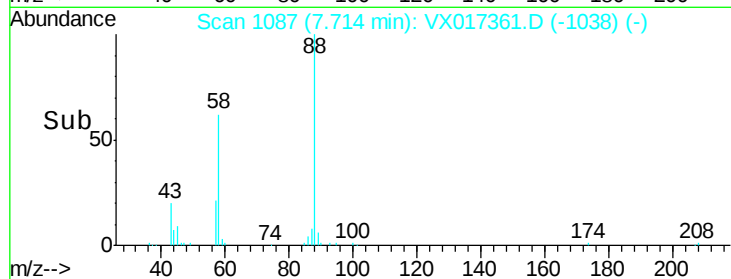
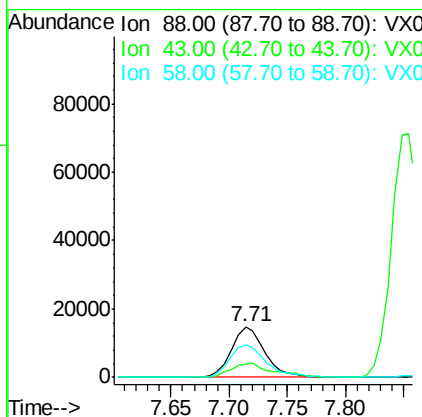
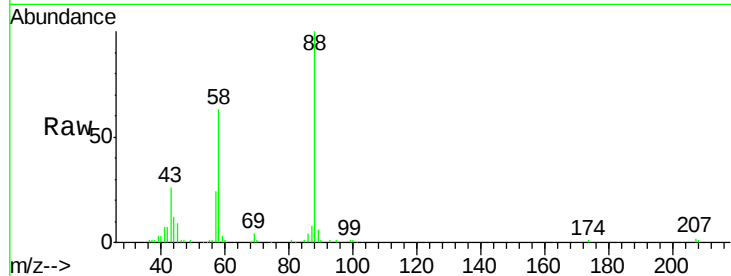
#49  
1,4-Dioxane  
Concen: 409.269 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.0  | 25.6  | 38.4  |
| 58      | 70.8  | 53.9  | 80.9  |

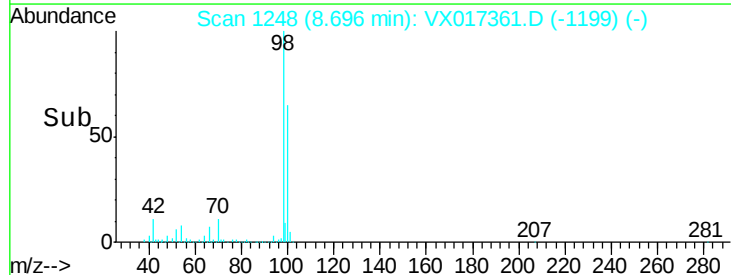
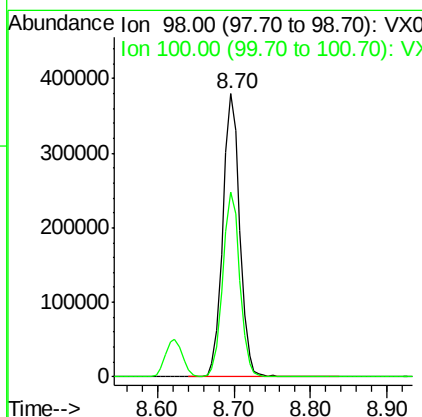
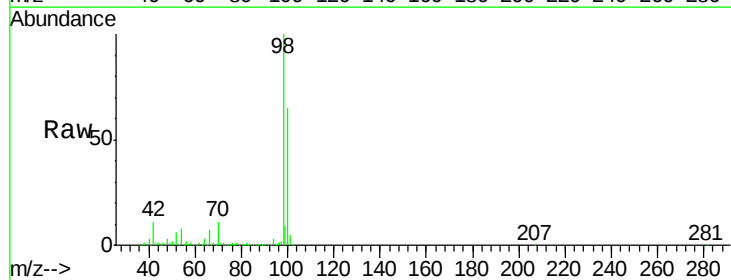
Manual Integrations  
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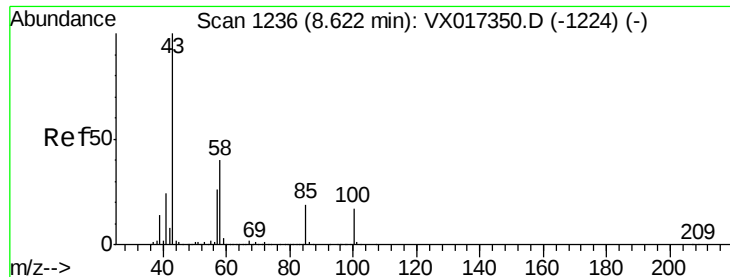
MMDadoda  
7/14/2020 11:36:12 AM



#50  
Toluene-d8  
Concen: 49.286 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.0  | 53.4  | 80.2  |





#51

4-Methyl-2-Pentanone

Concen: 105.322 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 43 Resp: 472934

Ion Ratio Lower Upper

43 100

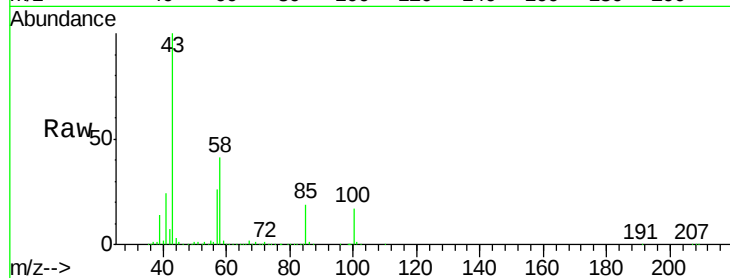
58 39.4 32.2 48.2

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7/14/2020 11:36:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

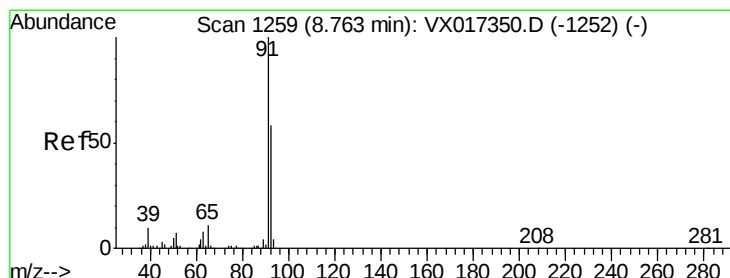
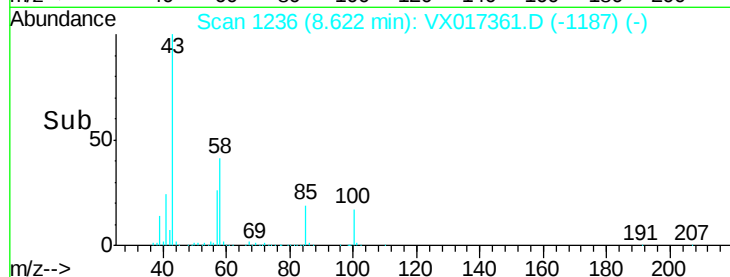
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.634 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017361.D

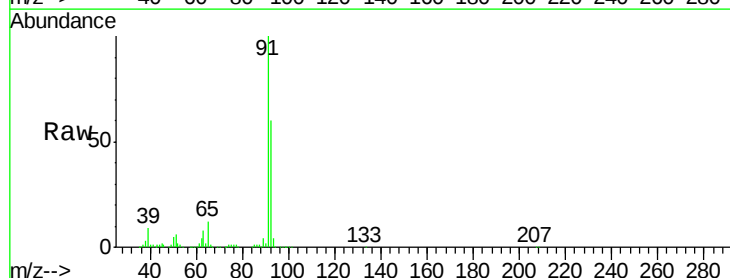
Acq: 13 Jul 2020 18:21

Tgt Ion: 92 Resp: 169586

Ion Ratio Lower Upper

92 100

91 169.4 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

200000

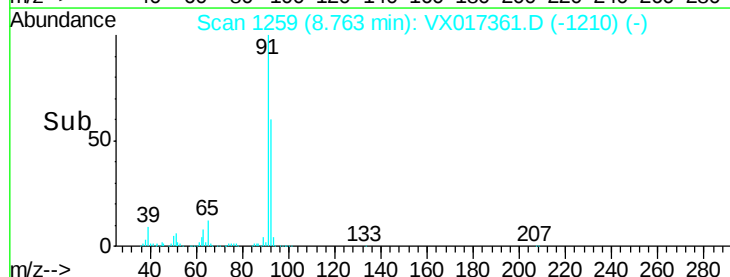
150000

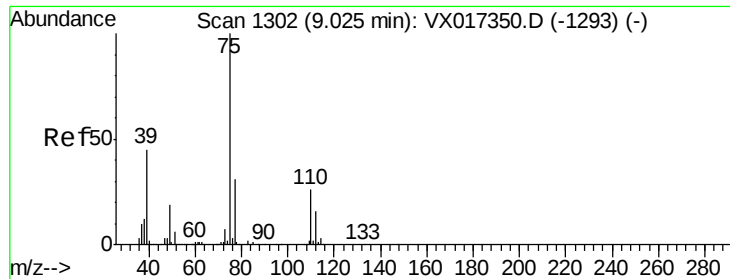
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.515 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Tot Ion: 75 Resp: 103881

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6

Instrument :

MSVOA\_X

ClientSampleId :

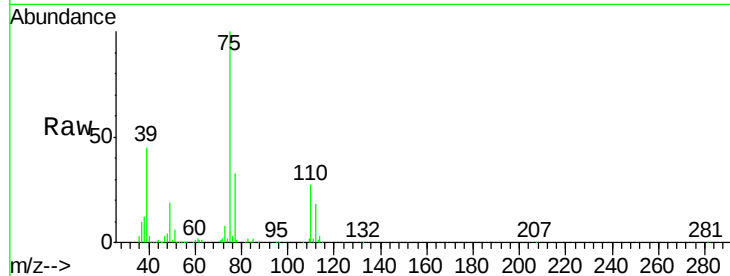
VX0713WBS01

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

40000

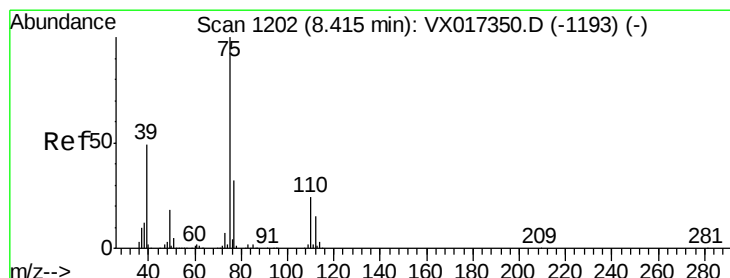
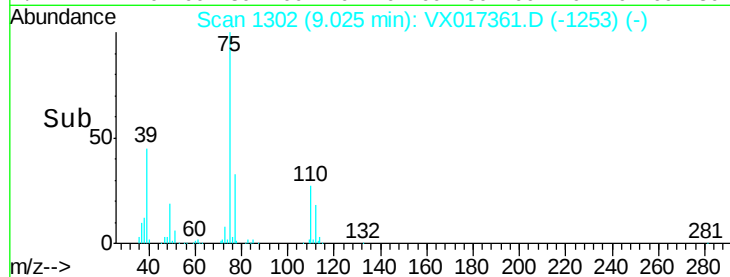
20000

0

Time-->

8.95 9.00 9.05 9.10

9.02



#54

cis-1,3-Dichloropropene

Concen: 19.921 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

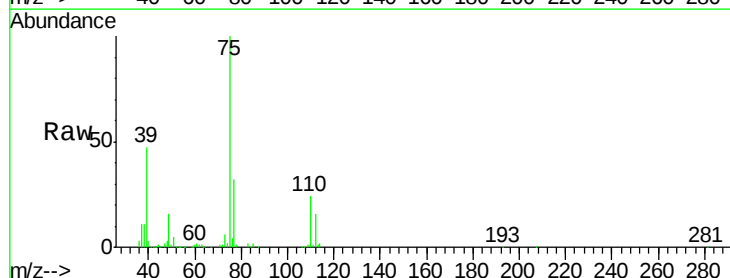
Tgt Ion: 75 Resp: 113104

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 47.1 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

80000

60000

40000

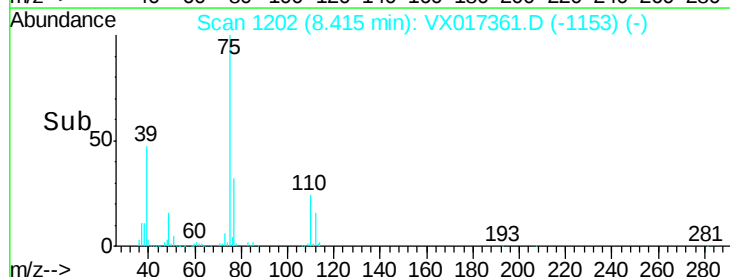
20000

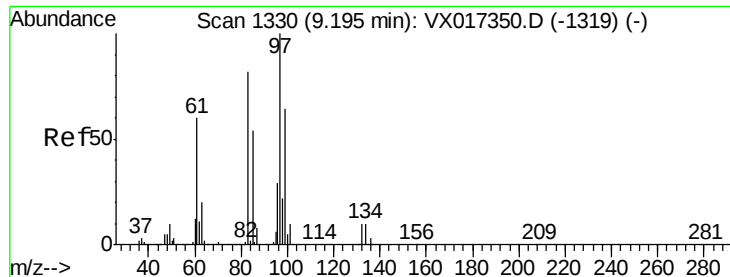
0

Time-->

8.35 8.40 8.45 8.50

8.42





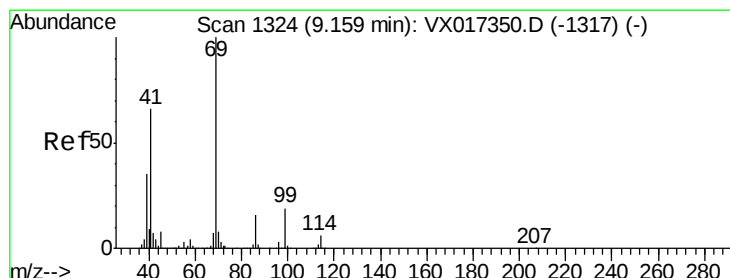
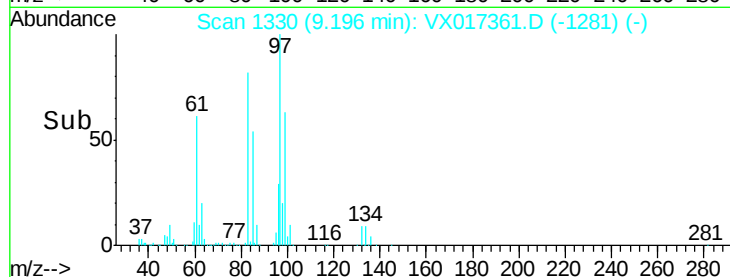
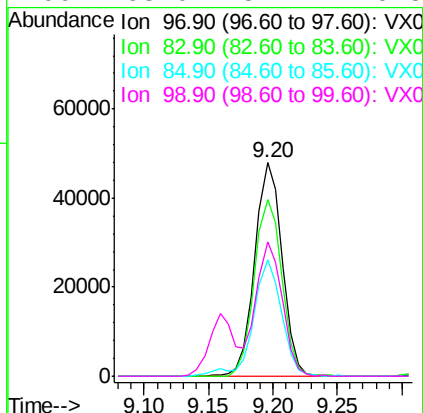
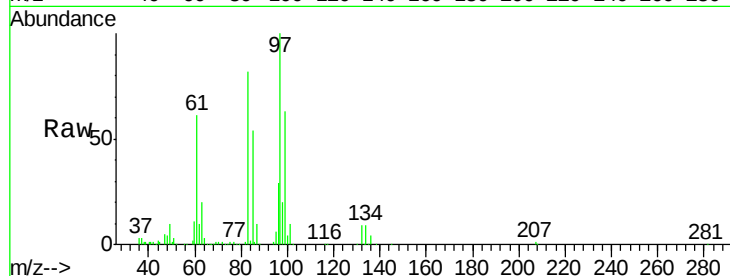
#55  
 1,1,2-Trichloroethane  
 Concen: 20.440 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 70050 |       |       |
| 83      | 82.4 | 65.8  | 98.6  |       |       |
| 85      | 54.1 | 42.8  | 64.2  |       |       |
| 99      | 63.0 | 51.2  | 76.8  |       |       |

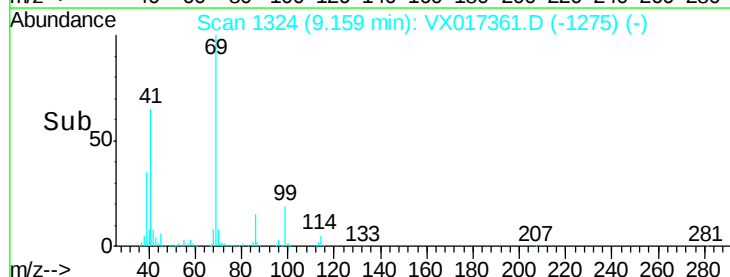
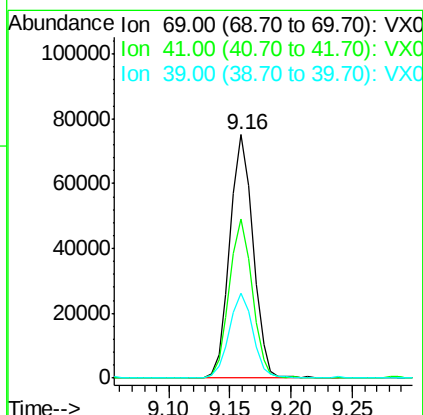
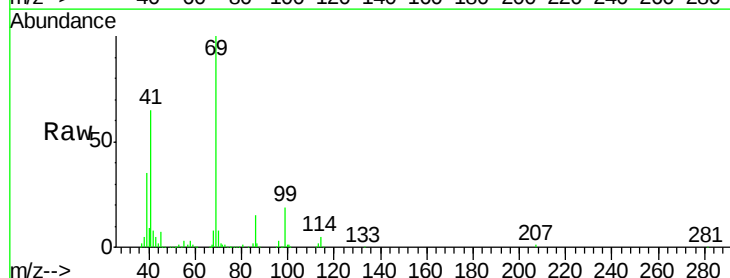
Manual Integrations  
 APPROVED

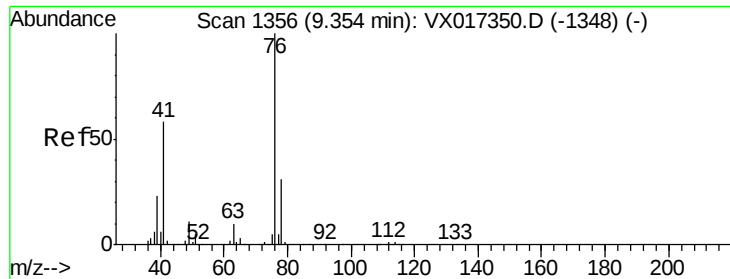
MMDadoda  
 7/14/2020 11:36:12 AM



#56  
 Ethyl methacrylate  
 Concen: 20.325 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 98892 |       |       |
| 41      | 64.8 | 52.6  | 78.8  |       |       |
| 39      | 35.0 | 28.8  | 43.2  |       |       |





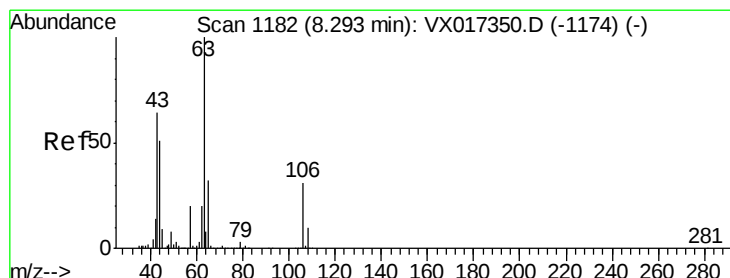
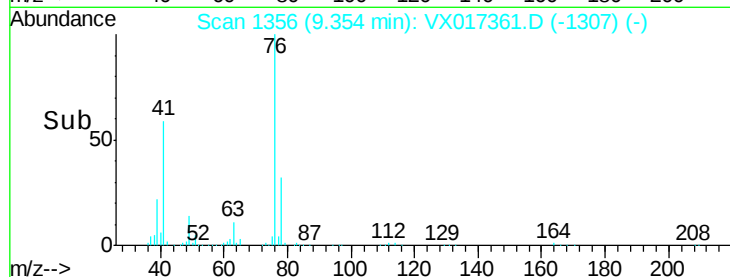
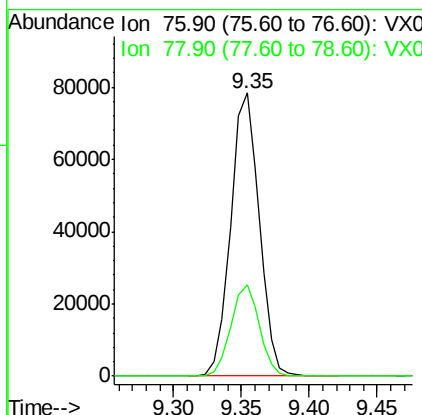
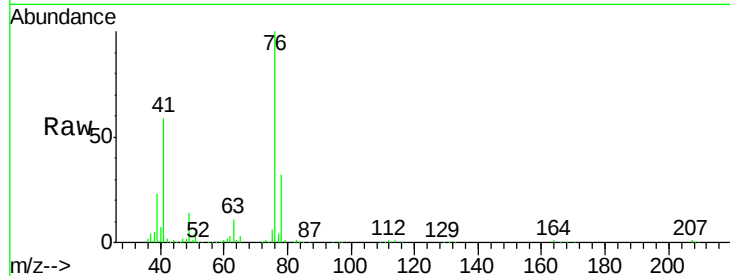
#57  
 1,3-Dichloropropane  
 Concen: 20.100 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.8  | 38.6  |

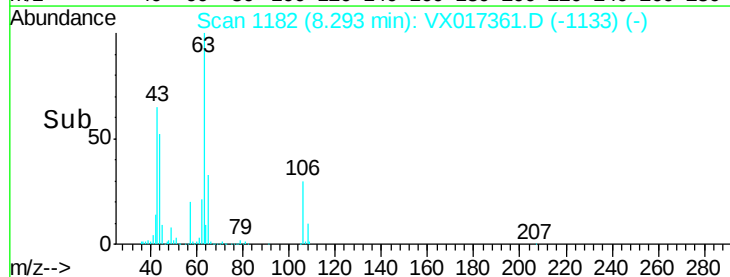
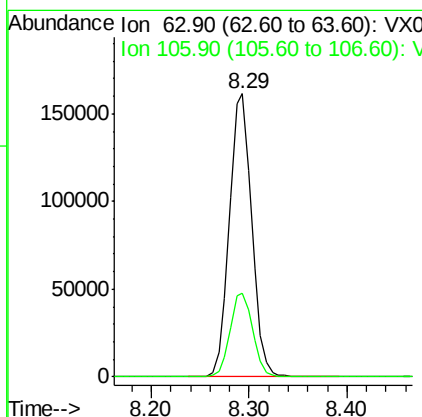
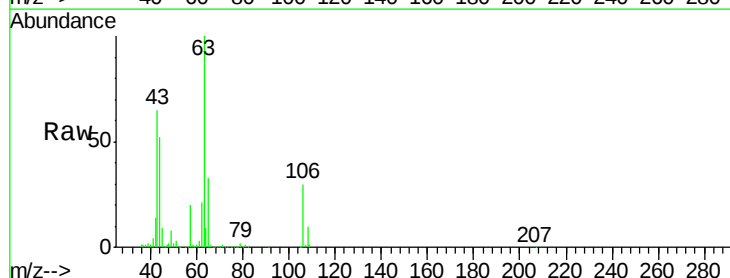
Manual Integrations  
 APPROVED

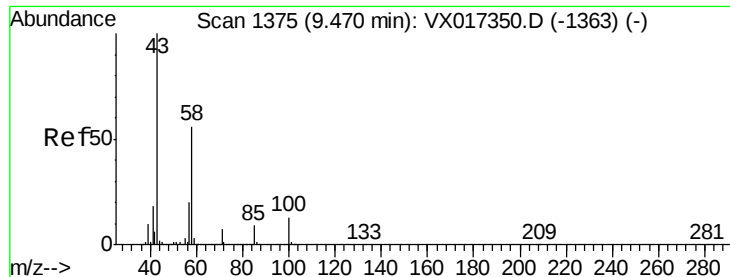
MMDadoda  
 7/14/2020 11:36:12 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 103.415 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.1  | 24.8  | 37.2  |





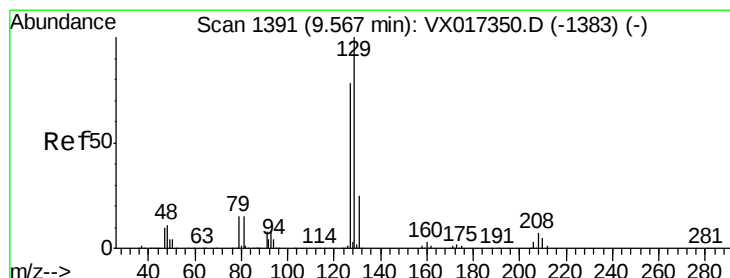
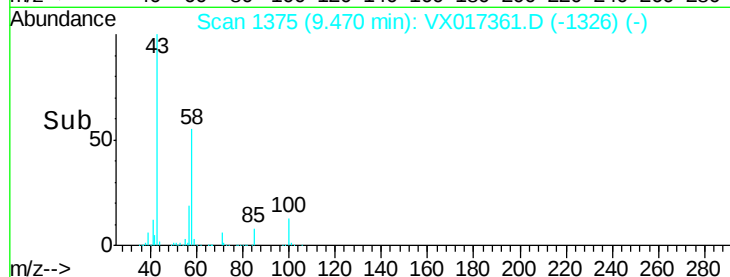
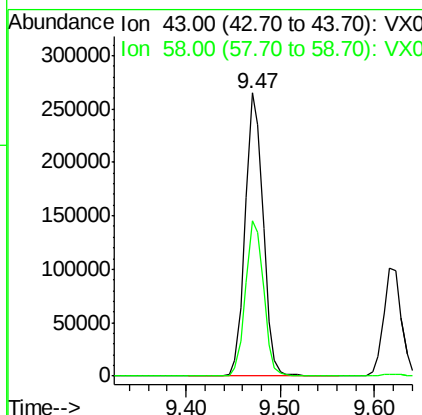
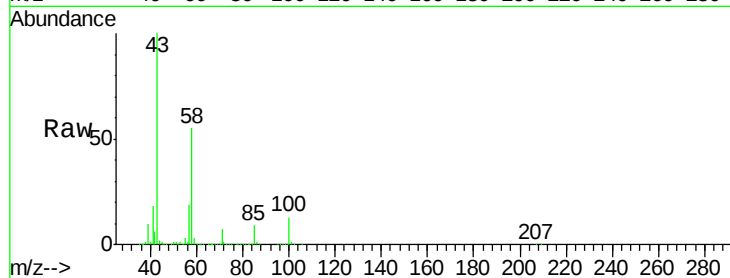
#59  
2-Hexanone  
Concen: 104.092 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 55.3  | 28.1  | 84.3  |

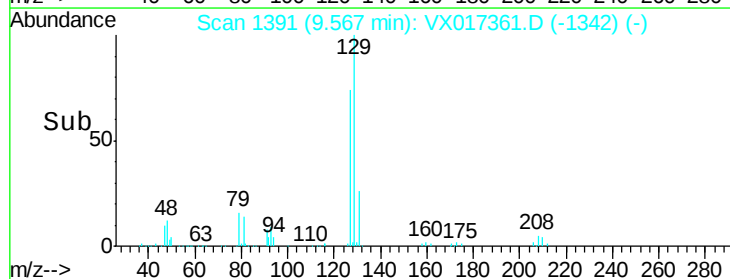
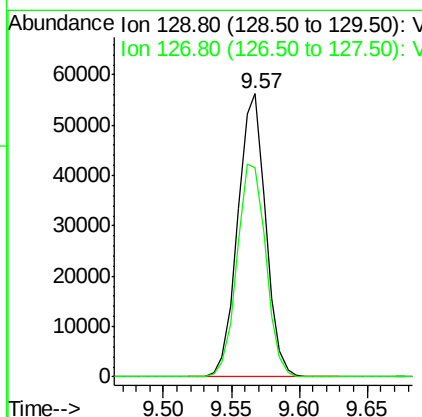
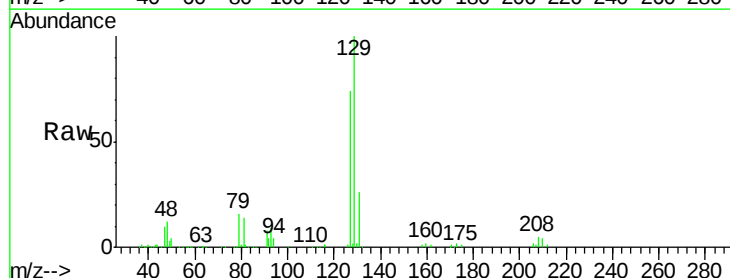
Manual Integrations  
APPROVED

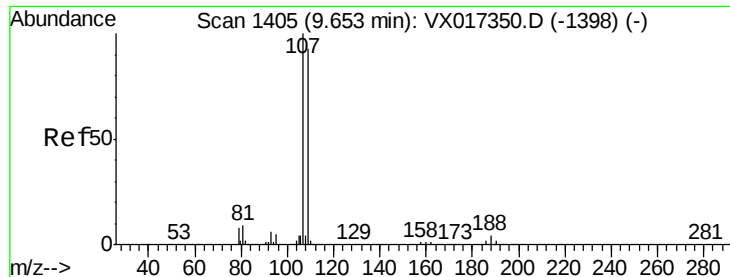
MMDadoda  
7/14/2020 11:36:12 AM



#60  
Dibromochloromethane  
Concen: 19.194 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.6  | 38.9  | 116.6 |





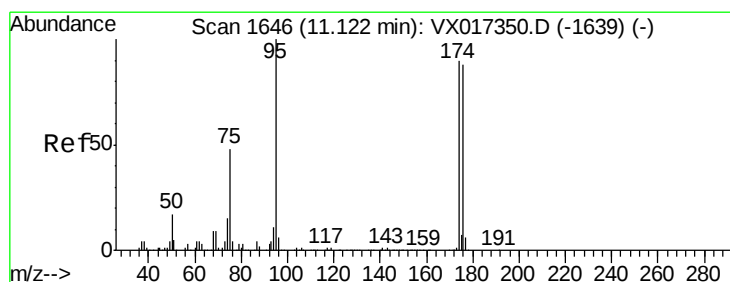
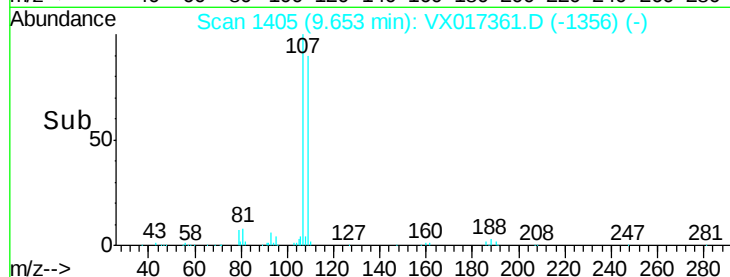
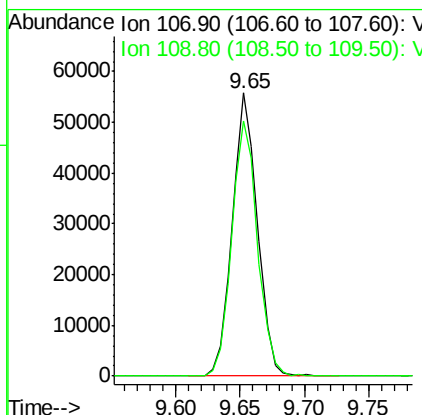
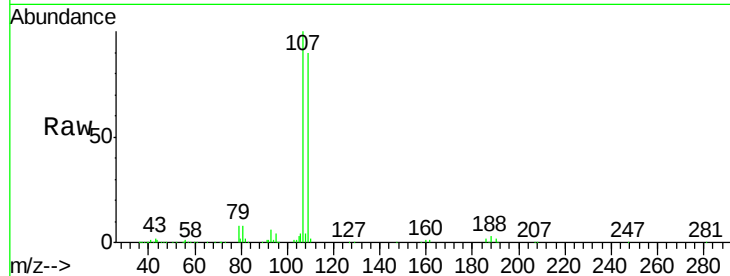
#61  
 1,2-Dibromoethane  
 Concen: 20.316 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

Tot Ion:107 Resp: 75743  
 Ion Ratio Lower Upper  
 107 100  
 109 92.9 75.0 112.4

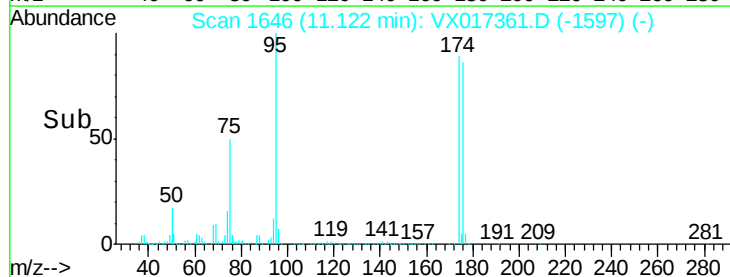
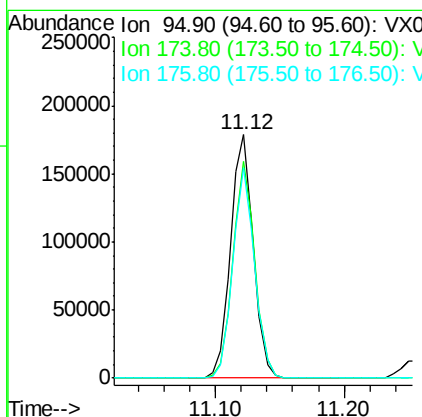
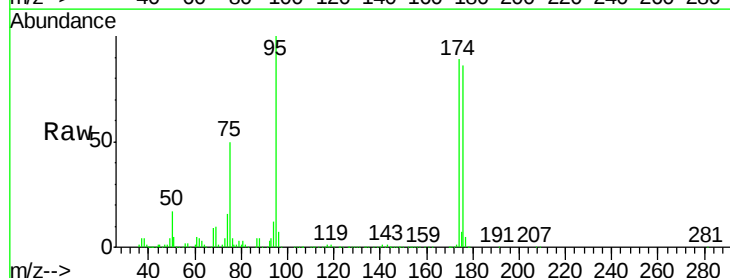
Manual Integrations  
 APPROVED

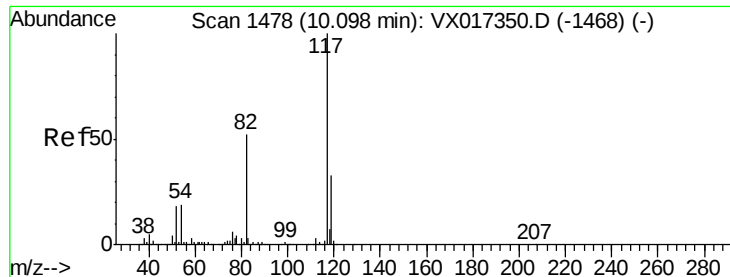
MMDadoda  
 7/14/2020 11:36:12 AM



#62  
 4-Bromofluorobenzene  
 Concen: 47.067 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Tgt Ion: 95 Resp: 220096  
 Ion Ratio Lower Upper  
 95 100  
 174 86.3 0.0 175.8  
 176 82.8 0.0 164.6





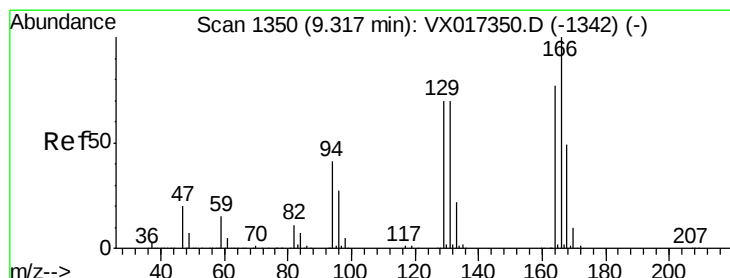
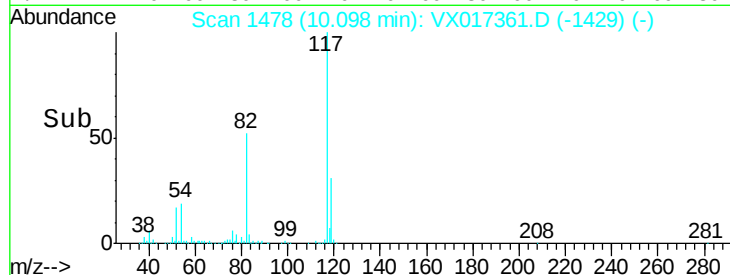
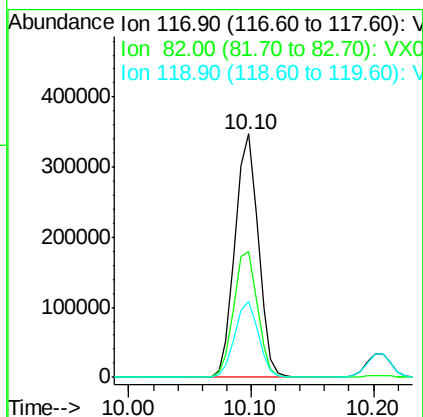
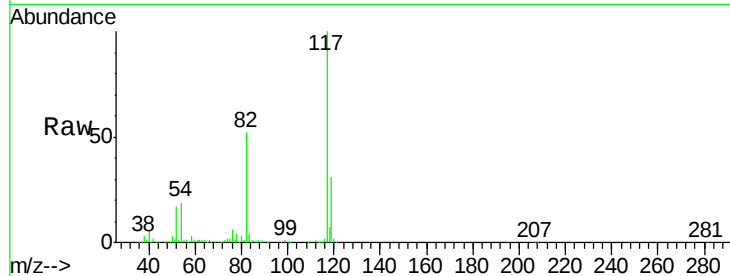
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.7  | 42.0  | 63.0  |
| 119     | 31.3  | 26.3  | 39.5  |

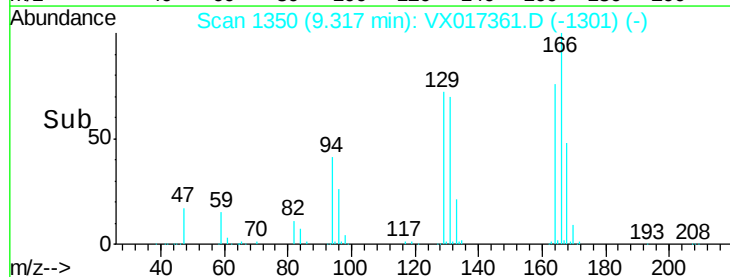
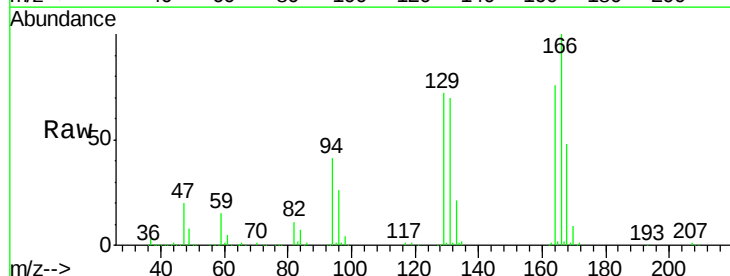
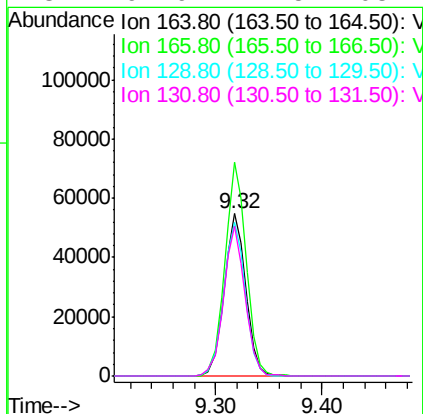
Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 11:36:12 AM



#64  
Tetrachloroethene  
Concen: 19.542 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.5 | 103.9 | 155.9 |
| 129     | 94.4  | 72.9  | 109.3 |
| 131     | 91.9  | 72.5  | 108.7 |





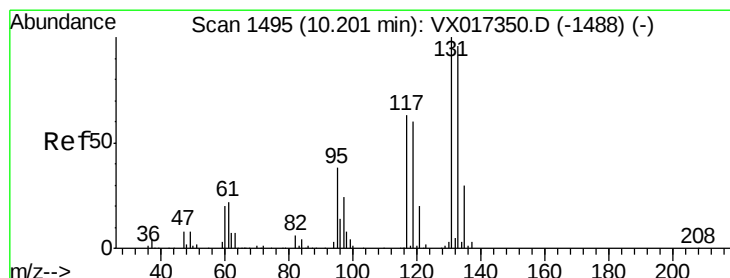
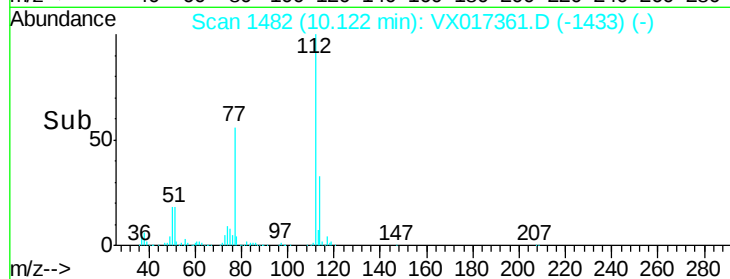
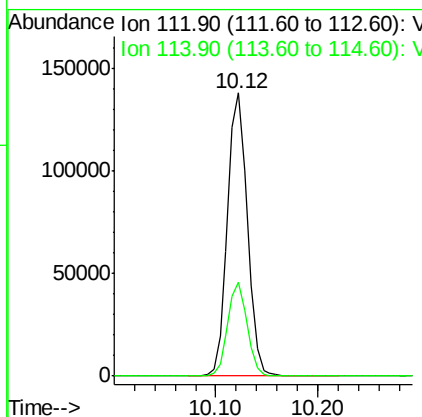
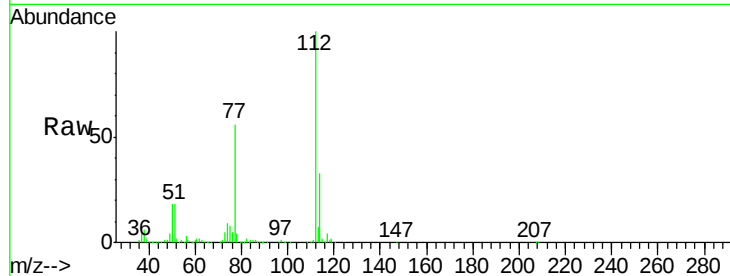
#65  
Chlorobenzene  
Concen: 20.071 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.0  | 26.0  | 39.0  |

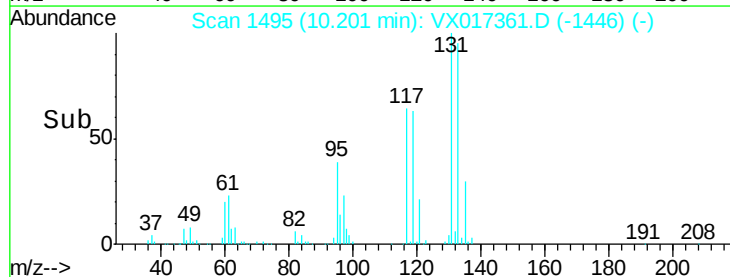
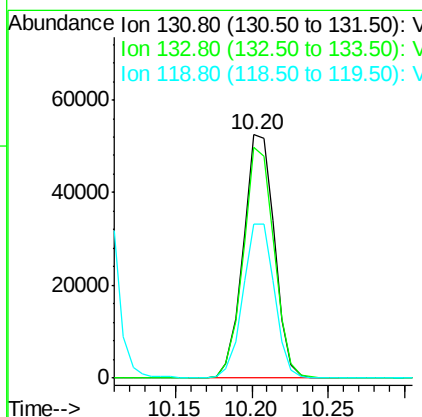
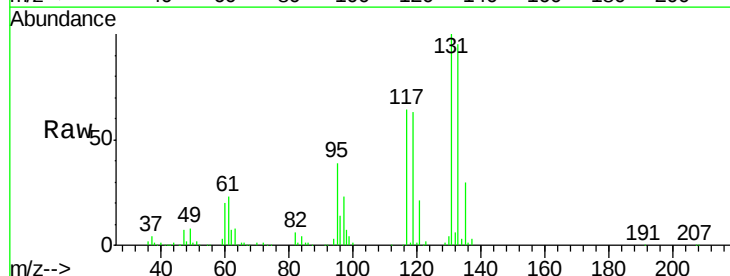
Manual Integrations  
APPROVED

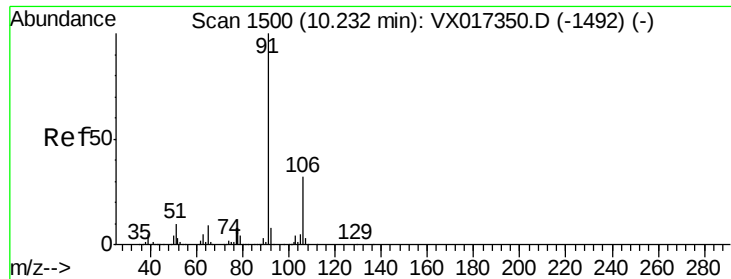
MMDadoda  
7/14/2020 11:36:12 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.007 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.2  | 48.4  | 145.2 |
| 119     | 64.1  | 31.2  | 93.6  |





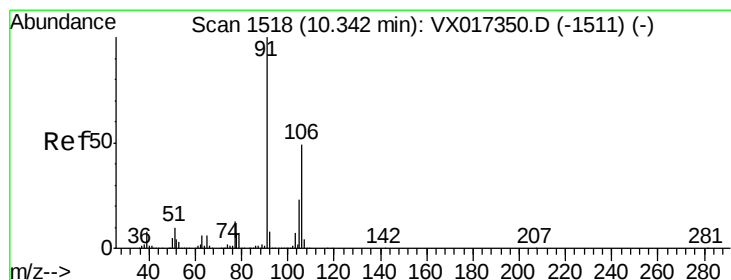
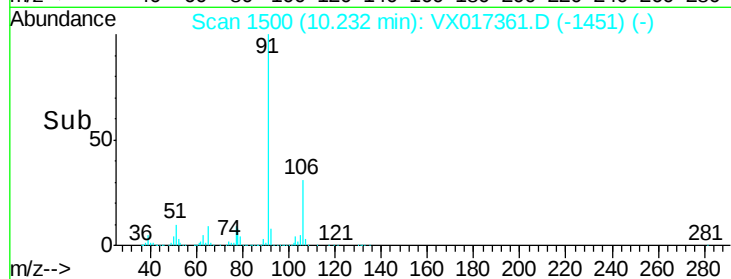
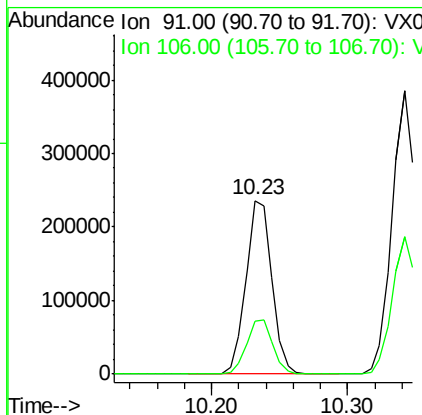
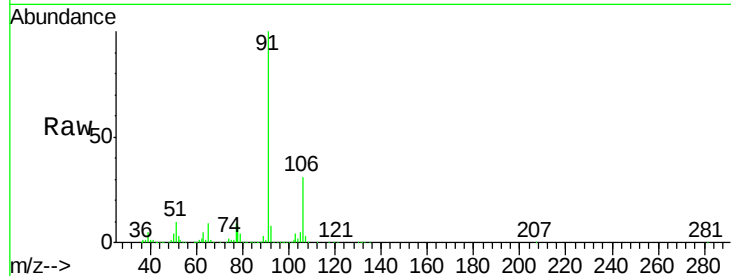
#67  
Ethyl Benzene  
Concen: 20.398 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

Tot Ion: 91 Resp: 315366  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.7 38.5

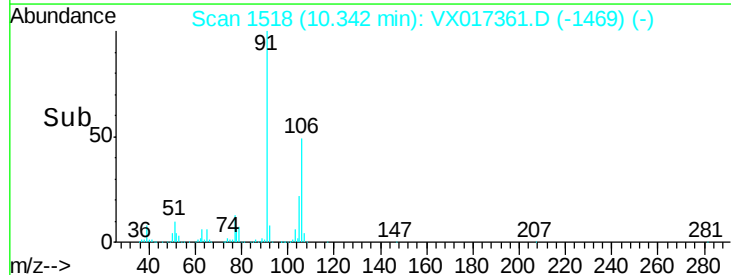
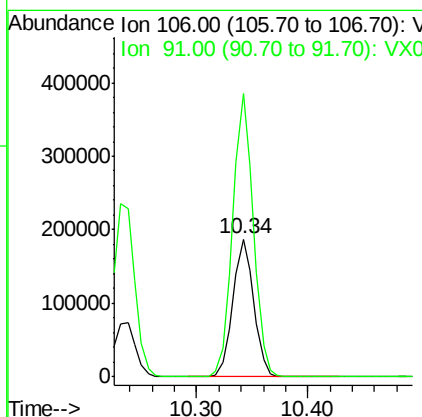
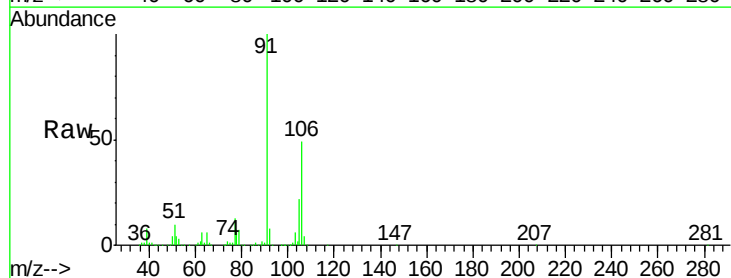
Manual Integrations  
APPROVED

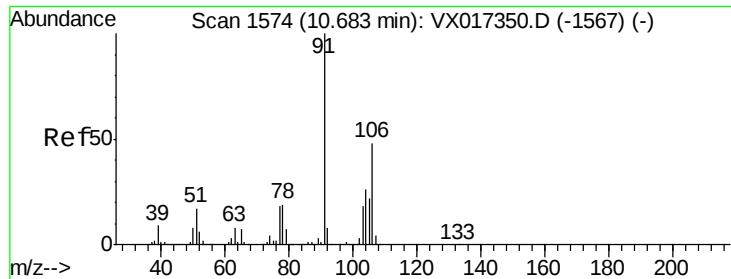
MMDadoda  
7/14/2020 11:36:12 AM



#68  
m/p-Xylenes  
Concen: 41.430 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Tgt Ion: 106 Resp: 243711  
Ion Ratio Lower Upper  
106 100  
91 202.2 162.5 243.7





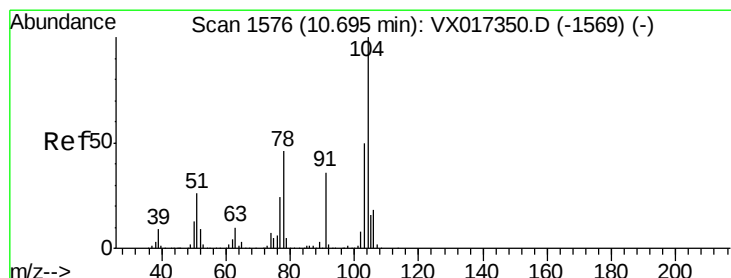
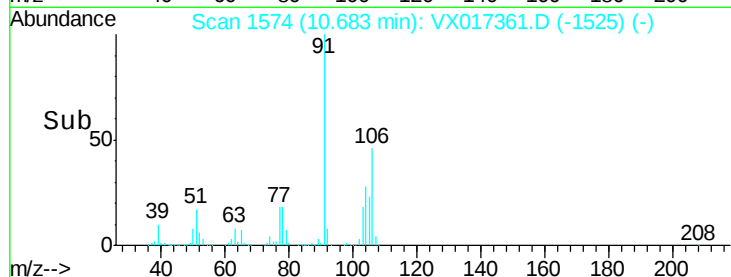
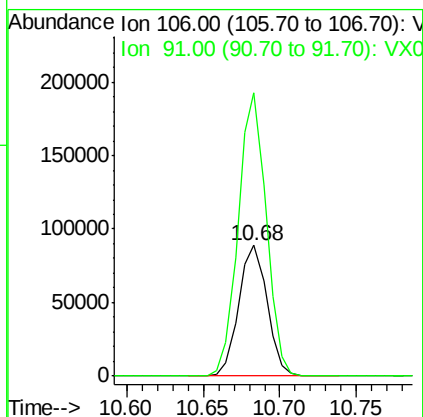
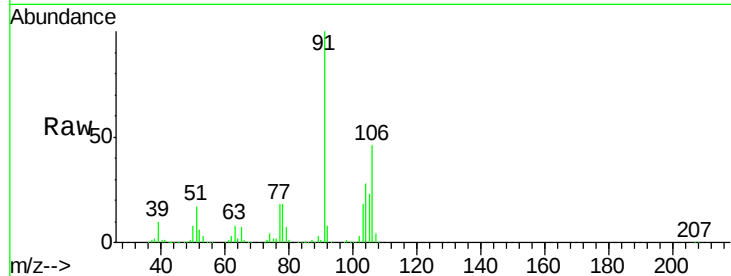
#69  
o-Xylene  
Concen: 20.395 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 213.0 | 106.1 | 318.1 |       |       |

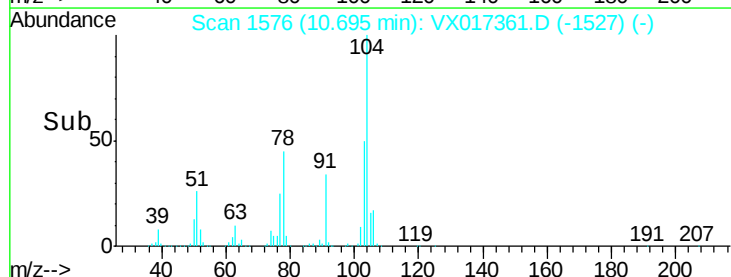
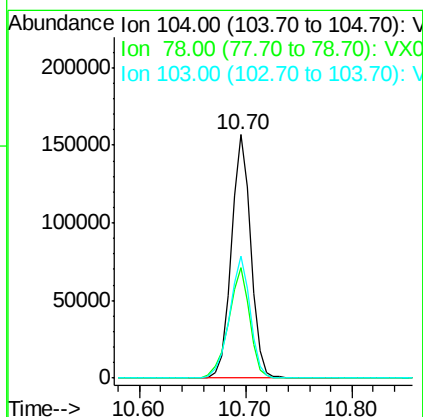
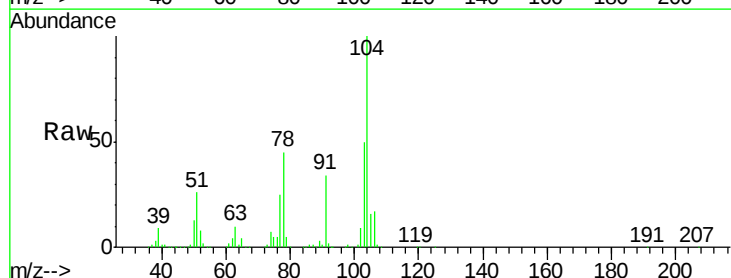
Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 11:36:12 AM



#70  
Styrene  
Concen: 20.837 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 49.2 | 40.8  | 61.2 |       |       |
| 103     | 53.4 | 43.3  | 64.9 |       |       |





#71

Bromoform

Concen: 19.799 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:173 Resp: 61775

Ion Ratio Lower Upper

173 100

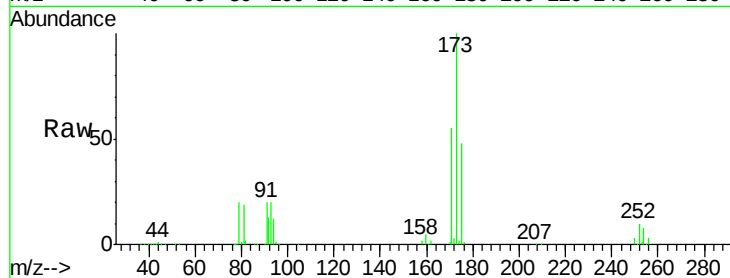
175 49.0 24.7 74.1

254 0.2 0.1 0.1#

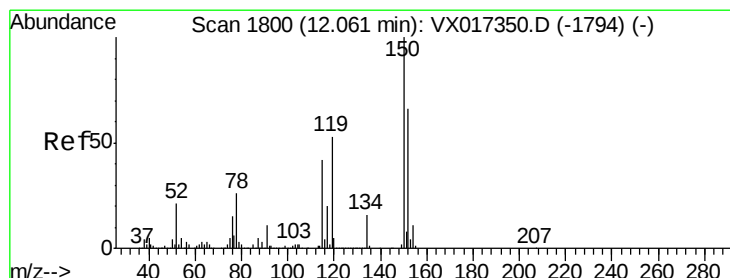
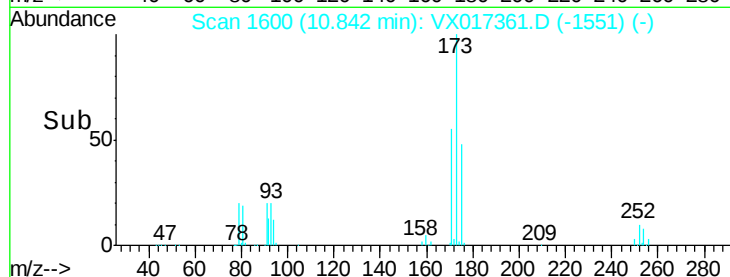
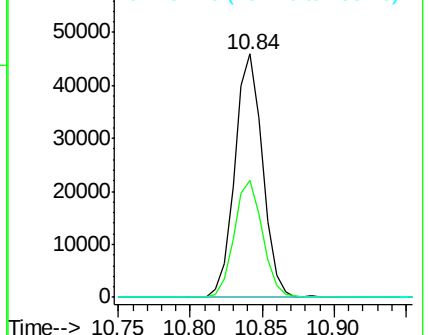
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

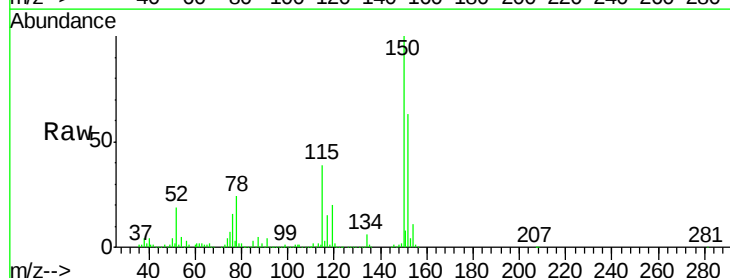
Tgt Ion:152 Resp: 244349

Ion Ratio Lower Upper

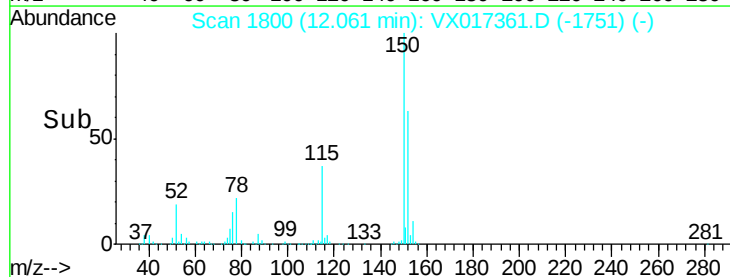
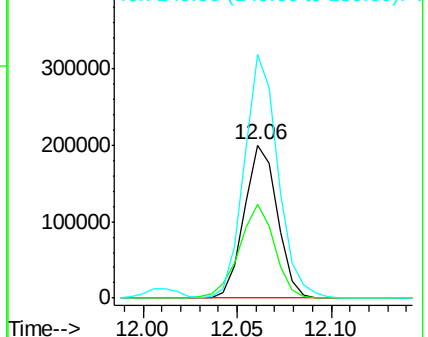
152 100

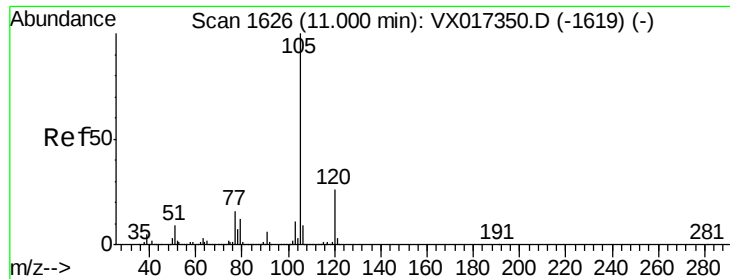
115 65.4 39.9 119.7

150 161.9 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.591 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 105 Resp: 315402

Ion Ratio Lower Upper

105 100

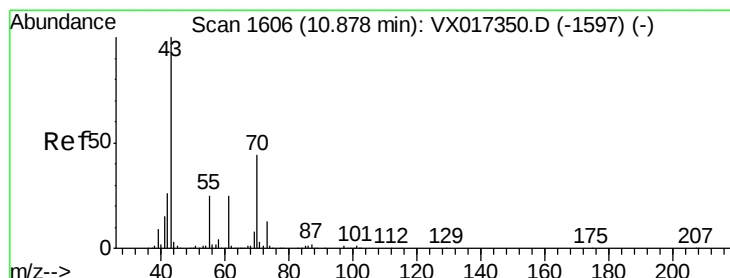
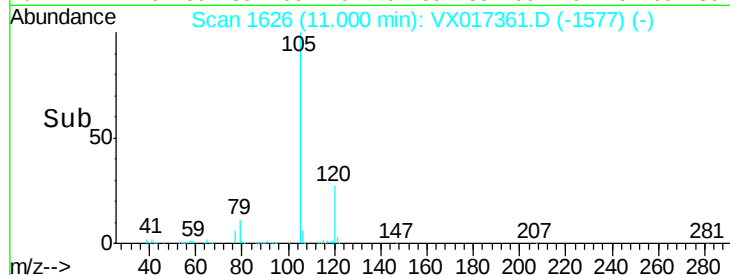
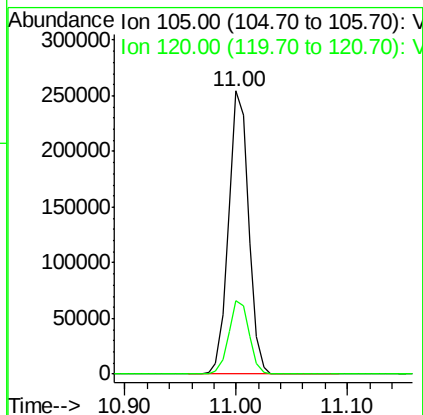
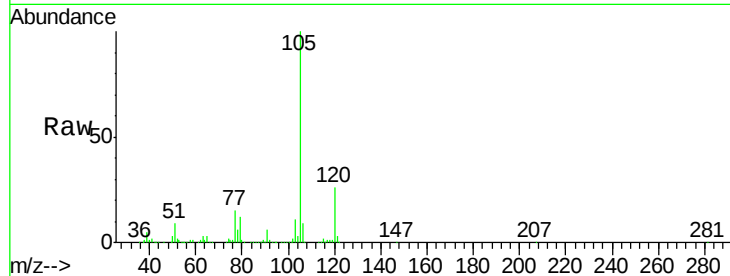
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.390 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Tgt Ion: 43 Resp: 131110

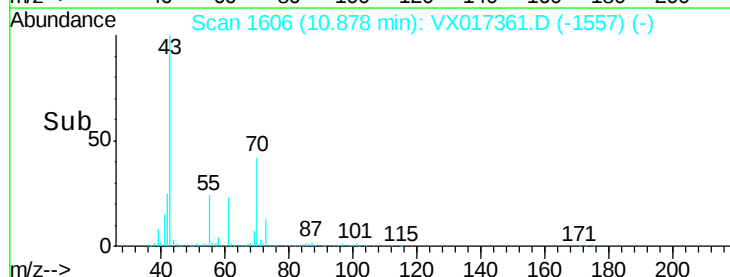
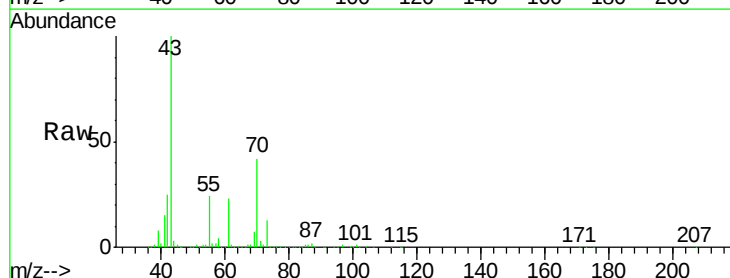
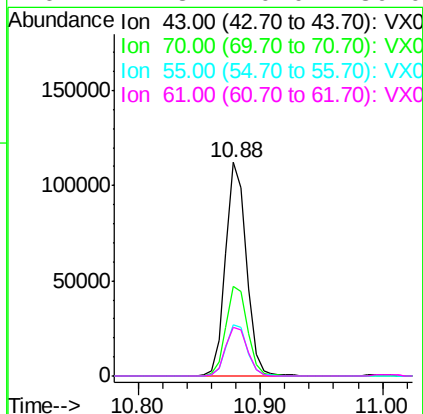
Ion Ratio Lower Upper

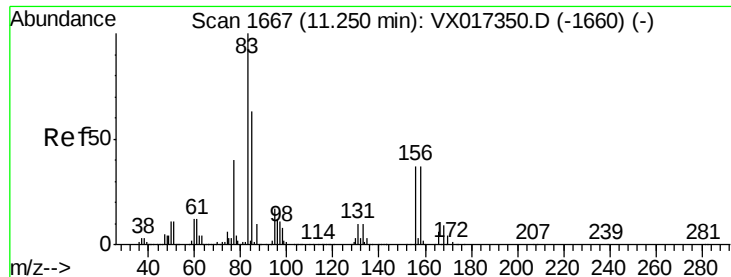
43 100

70 43.6 35.7 53.5

55 25.2 20.3 30.5

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.824 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

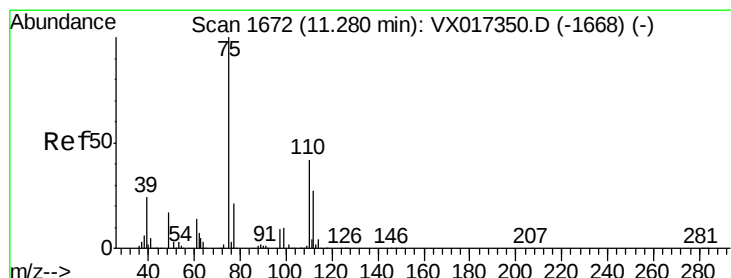
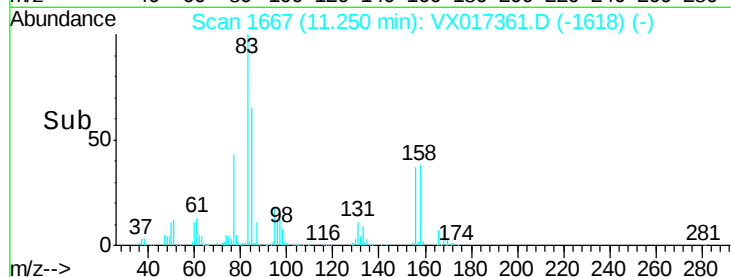
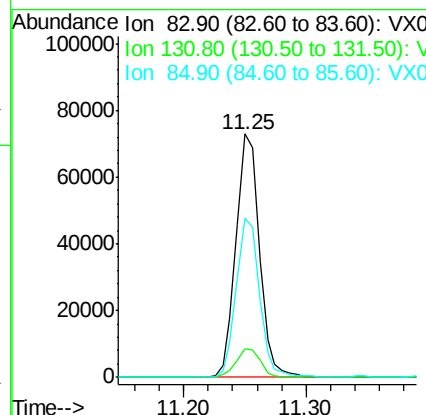
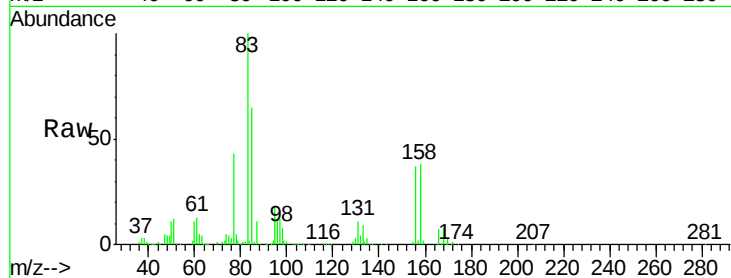
ClientSampleId :

VX0713WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 96847 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.0  | 5.5   | 16.7  |
| 85        | 64.9  | 32.6  | 98.0  |

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#76

1,2,3-Trichloropropane

Concen: 21.180 ug/l m

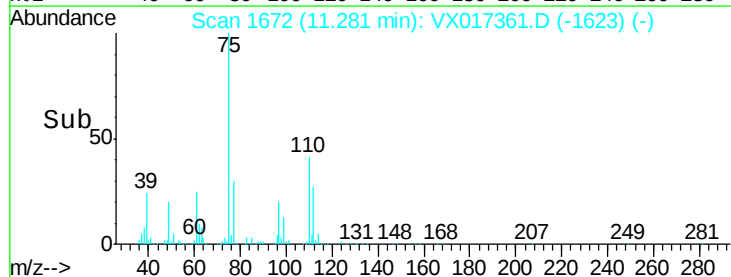
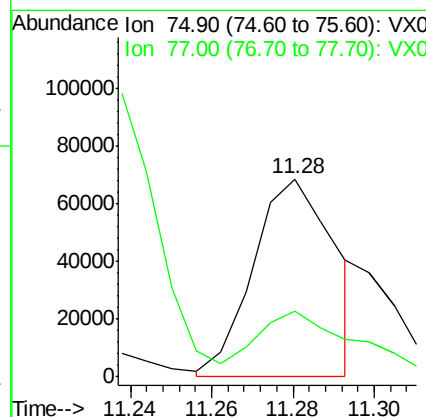
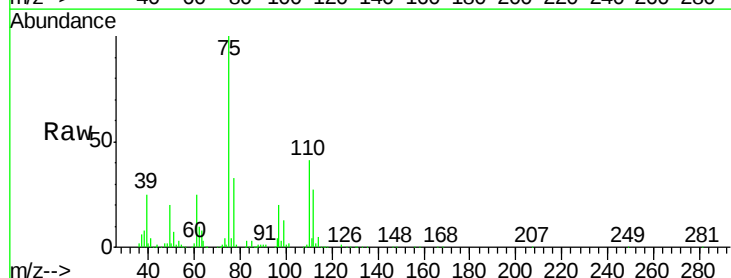
RT: 11.28 min Scan# 1672

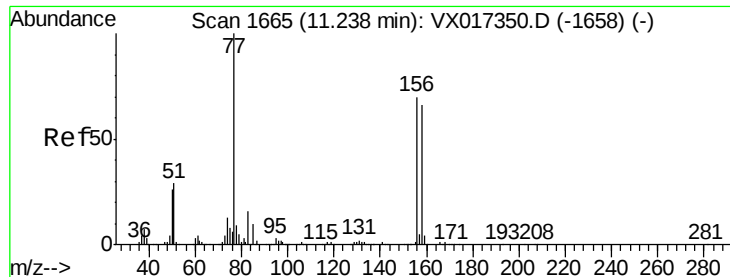
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 95632 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 40.5  | 20.3  | 60.9  |





#77

Bromobenzene

Concen: 20.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

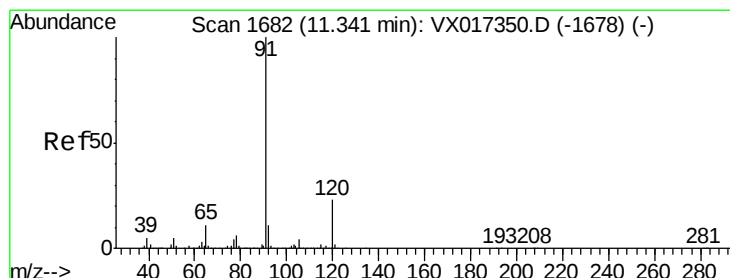
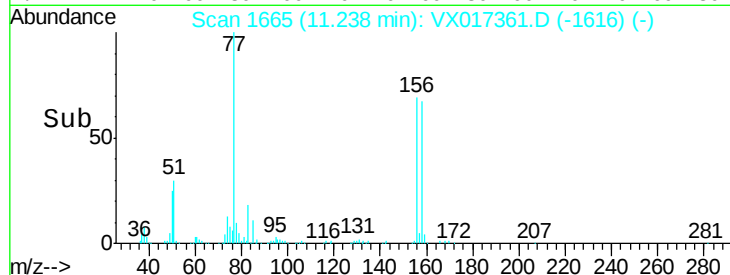
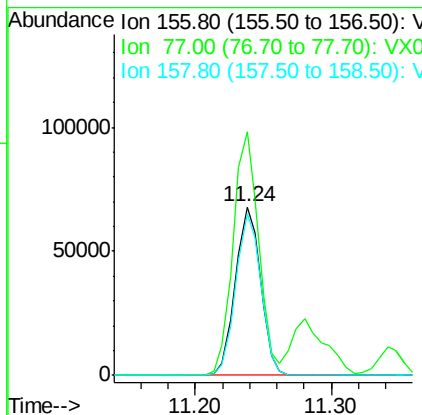
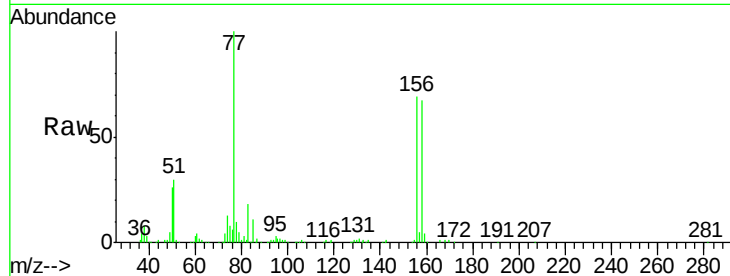
ClientSampleId :

VX0713WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 87858 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 146.2 | 72.1  | 216.3 |
| 158       | 95.9  | 47.4  | 142.3 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.606 ug/l

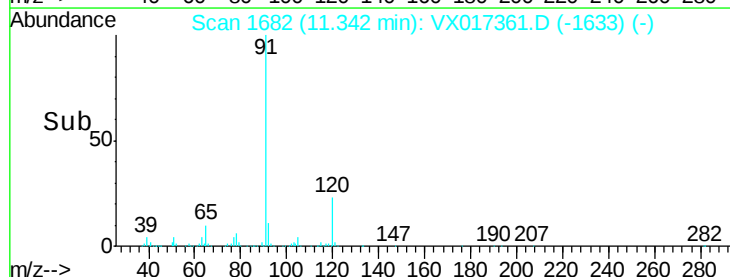
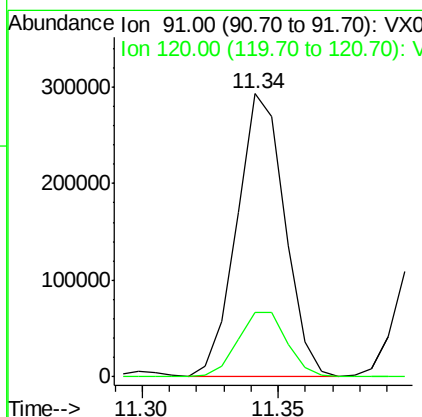
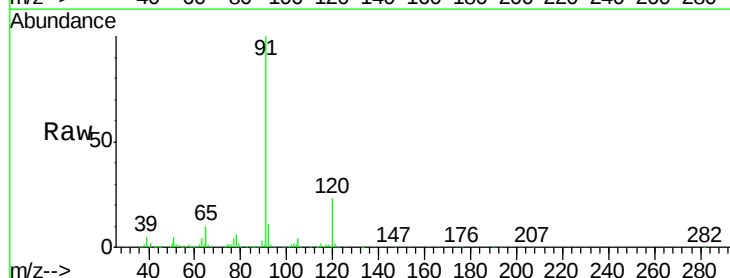
RT: 11.34 min Scan# 1682

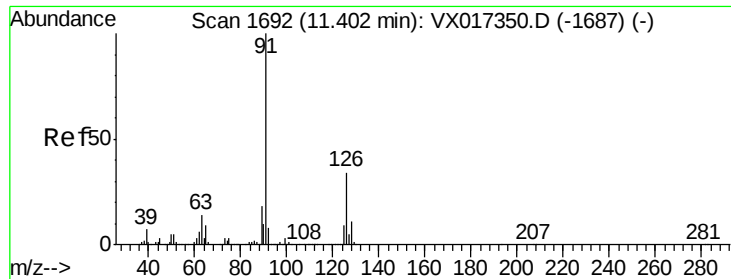
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 354475 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.1  | 11.9  | 35.9   |





#79

2-Chlorotoluene

Concen: 20.466 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion: 91 Resp: 216963

Ion Ratio Lower Upper

91 100

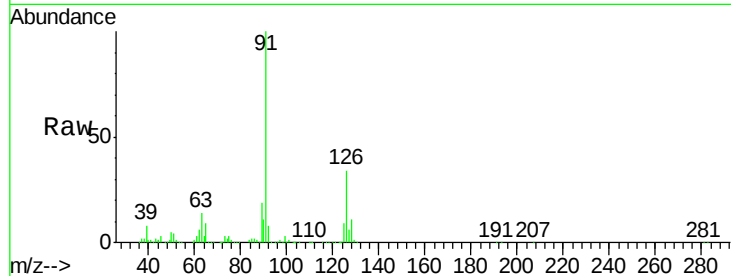
126 34.4 17.4 52.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017350.D (-1687) (-)

300000

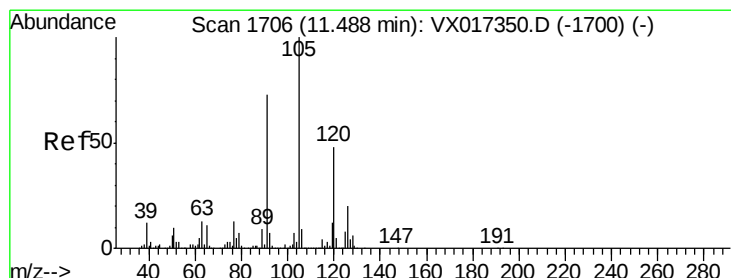
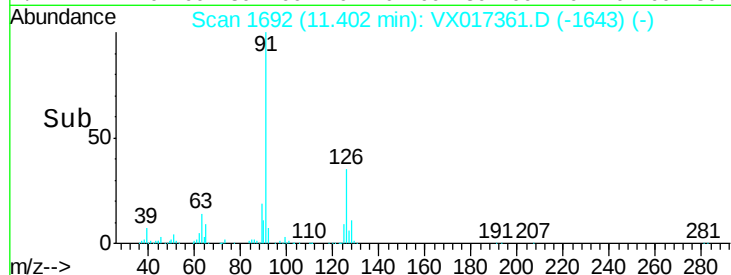
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.643 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017361.D

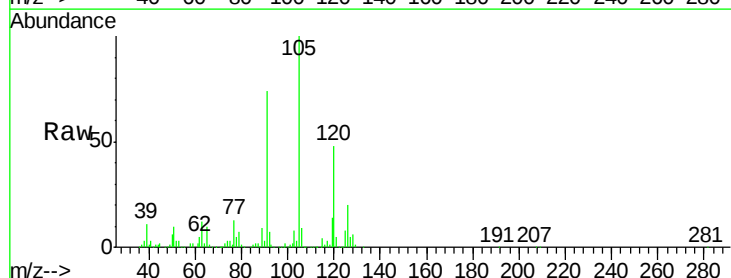
Acq: 13 Jul 2020 18:21

Tgt Ion: 105 Resp: 268412

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017350.D (-1700) (-)

250000

200000

150000

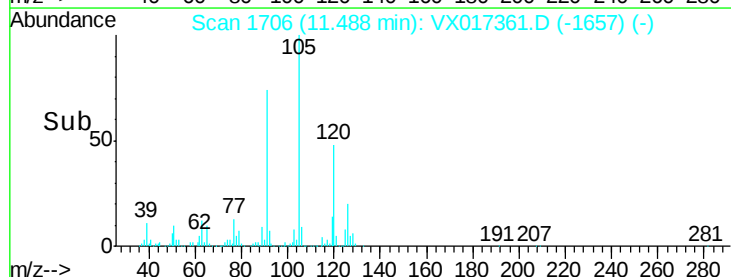
100000

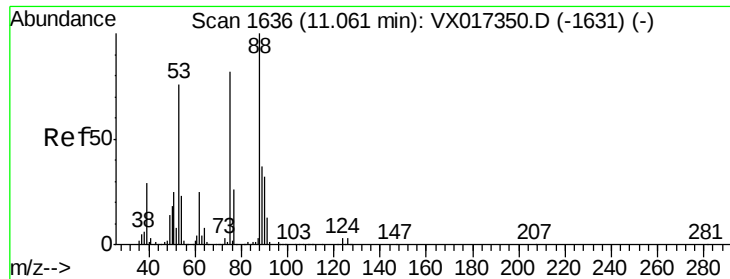
50000

0

11.40 11.45 11.50 11.55 11.60

Time-->





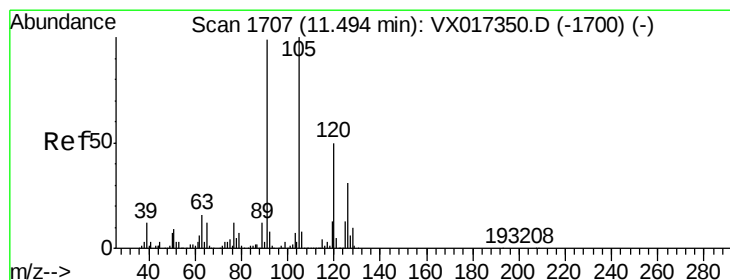
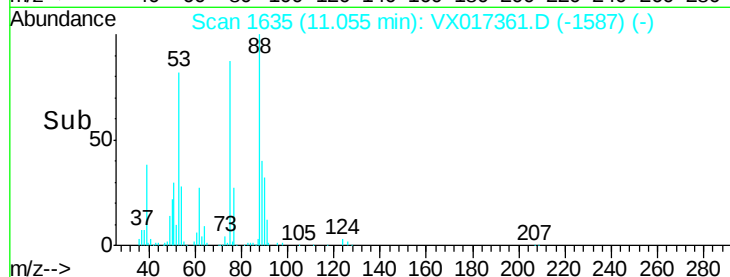
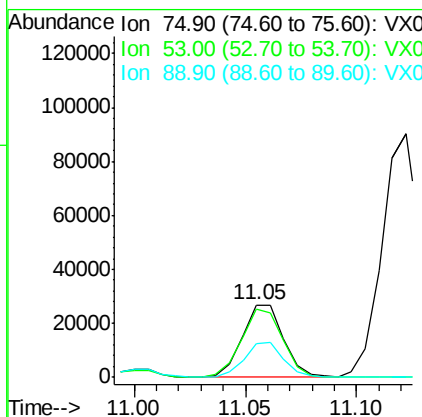
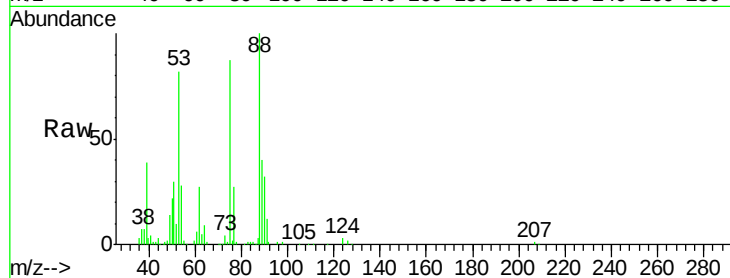
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.551 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.2  | 76.5  | 114.7 |
| 89      | 46.2  | 38.1  | 57.1  |

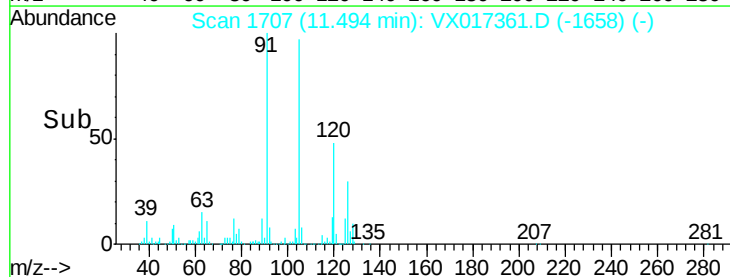
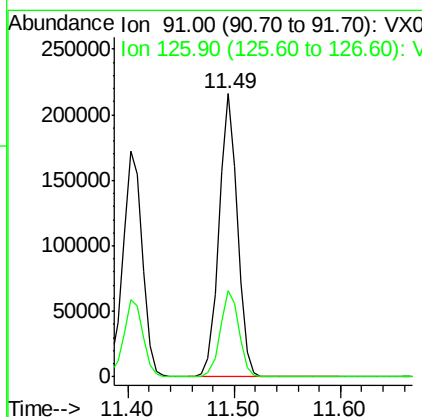
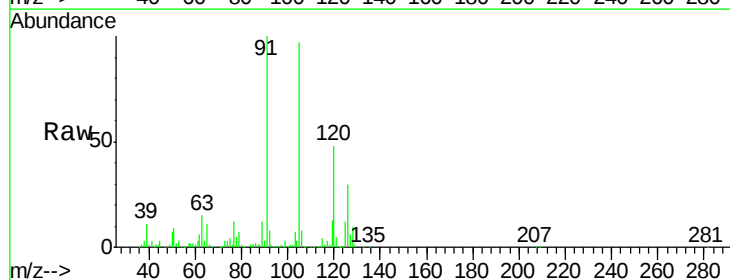
Manual Integrations  
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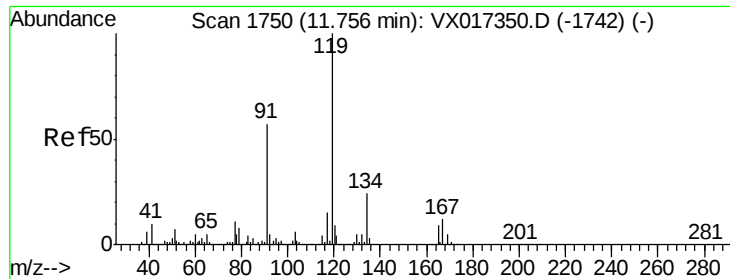
MMDadoda  
7/14/2020 11:36:12 AM



#82  
4-Chlorotoluene  
Concen: 20.653 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 15.4  | 46.2  |





#83

tert-Butylbenzene

Concen: 20.651 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

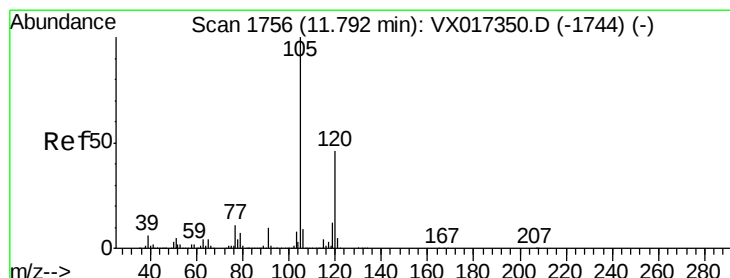
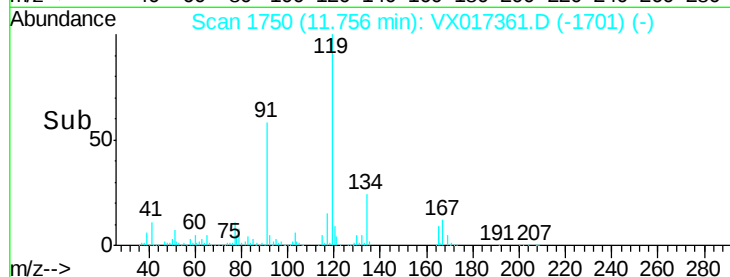
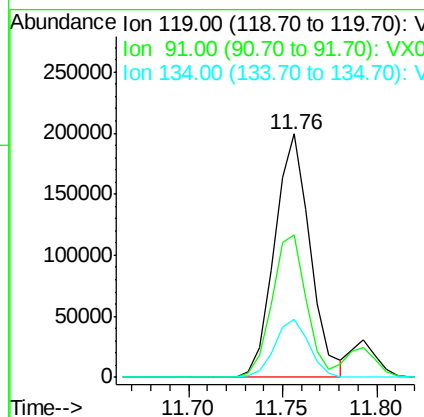
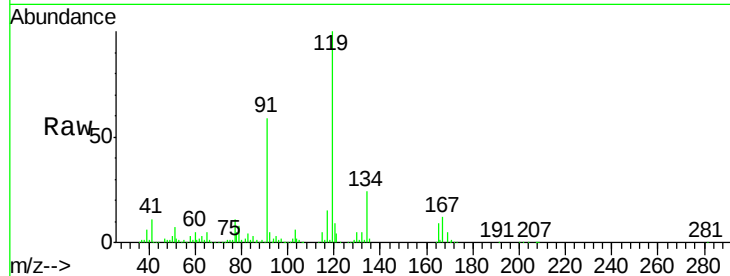
ClientSampleId :

VX0713WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 259564 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 56.7  | 28.5  | 85.6   |
| 134       | 23.1  | 11.9  | 35.9   |

Manual Integrations  
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7/14/2020 11:36:12 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.766 ug/l

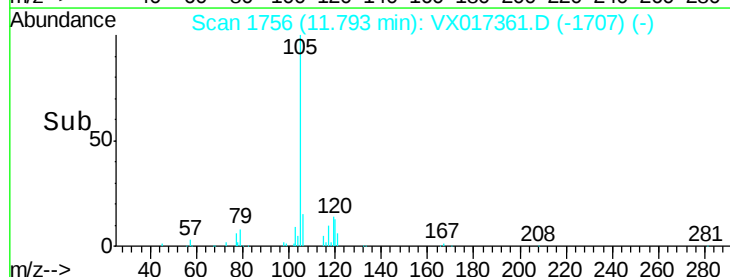
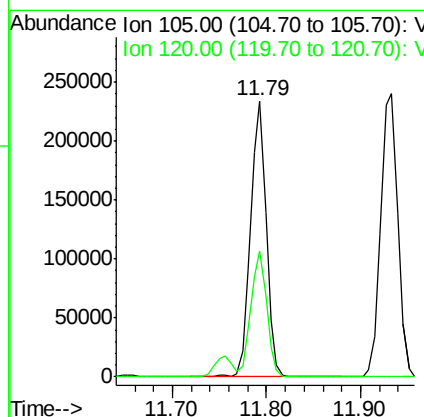
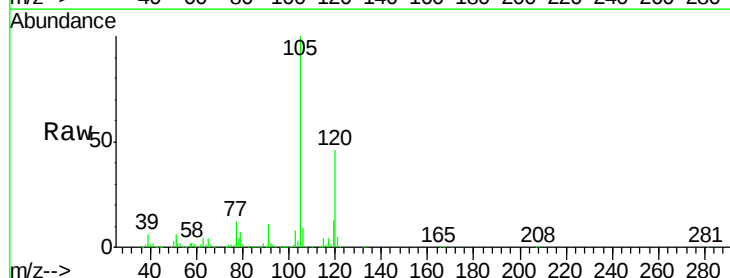
RT: 11.79 min Scan# 1756

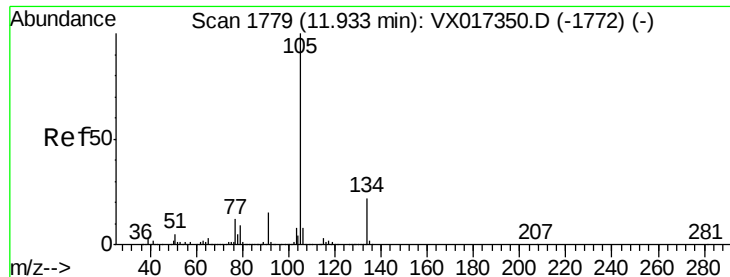
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 272777 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.9  | 22.8  | 68.4   |





#85

sec-Butylbenzene

Concen: 20.477 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

ClientSampleId :

VX0713WBS01

Tot Ion:105 Resp: 301327

Ion Ratio Lower Upper

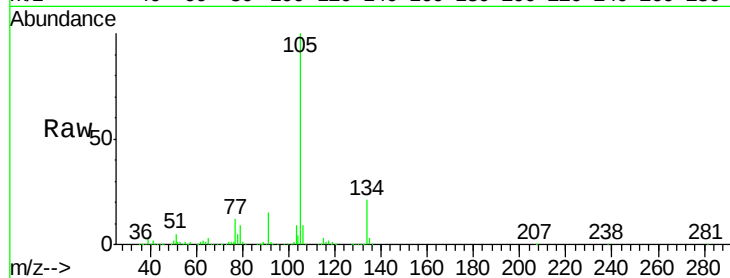
105 100

134 20.6 10.5 31.5

Manual Integrations  
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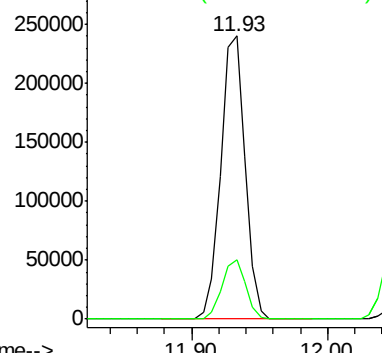
MMDadoda

7/14/2020 11:36:12 AM

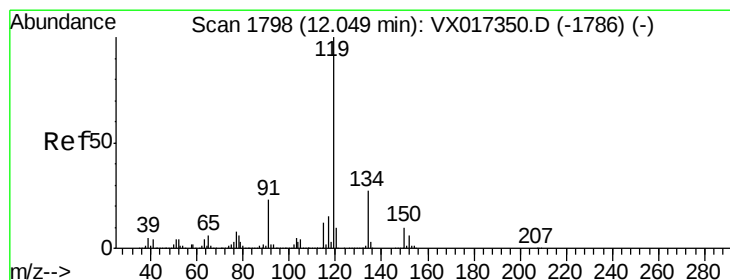
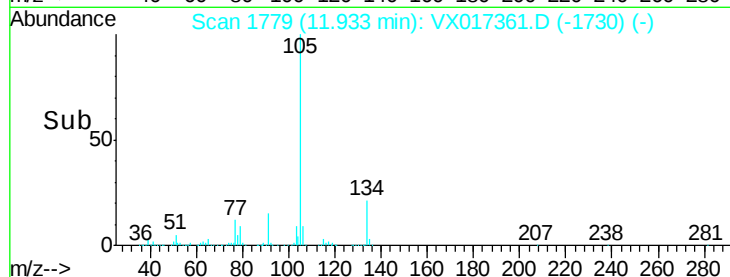


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.358 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

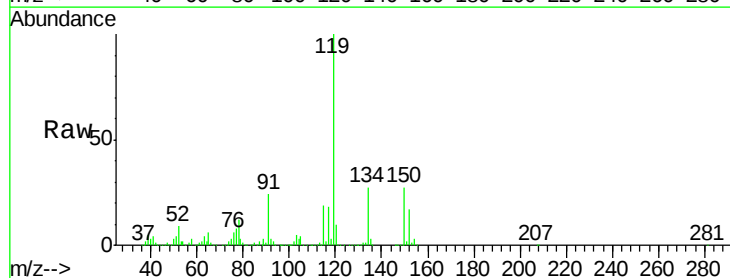
Tgt Ion:119 Resp: 283454

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

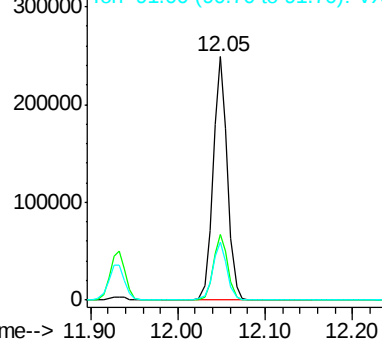
91 24.0 11.8 35.3



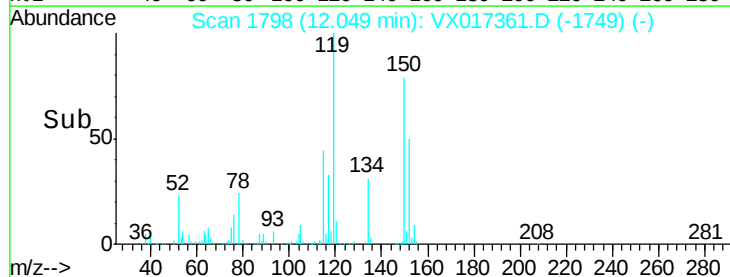
Abundance Ion 119.00 (118.70 to 119.70): V

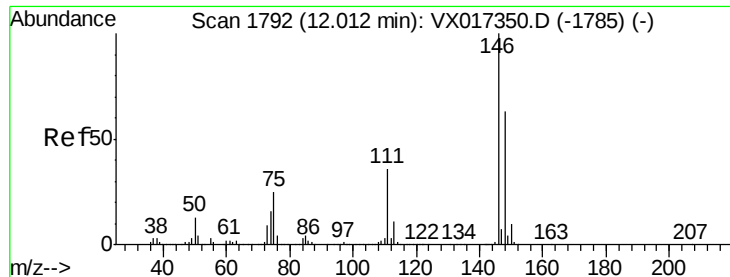
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.412 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

Instrument :

MSVOA\_X

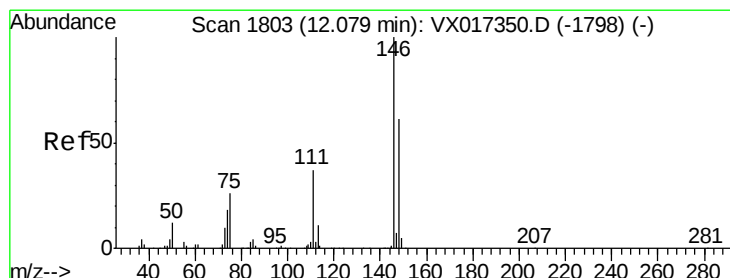
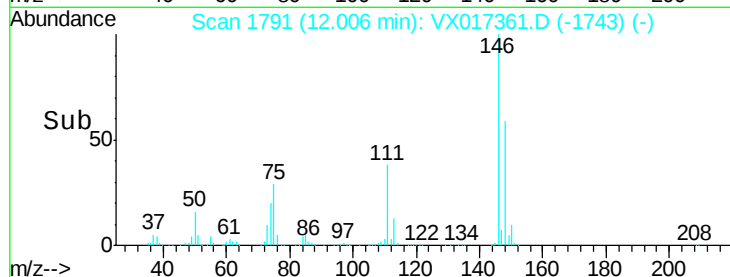
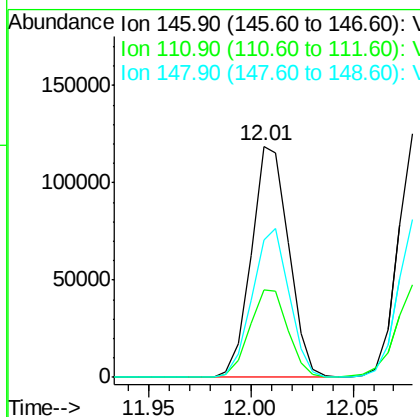
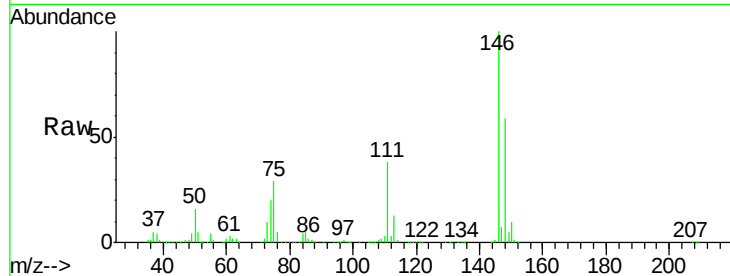
ClientSampleId :

VX0713WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 151502 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.9  | 19.2  | 57.6   |
| 148       | 63.9  | 31.6  | 95.0   |

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#88

1,4-Dichlorobenzene

Concen: 19.801 ug/l

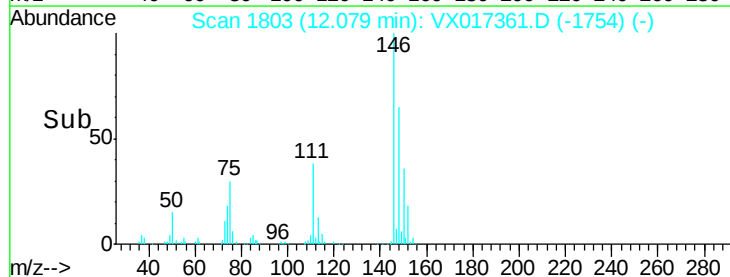
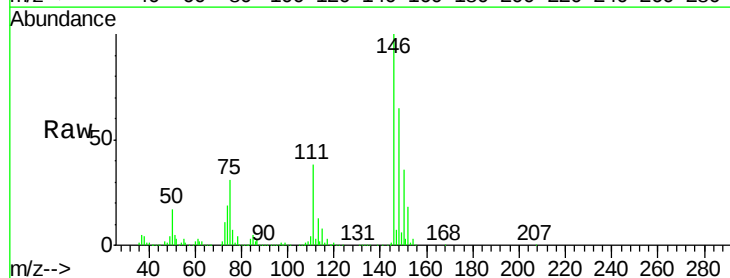
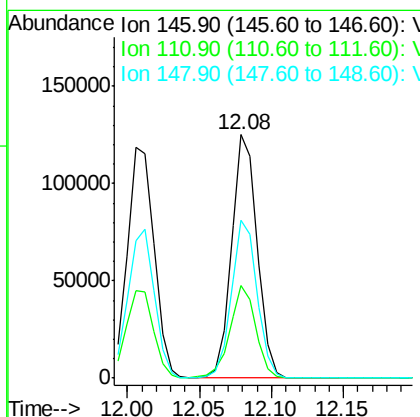
RT: 12.08 min Scan# 1803

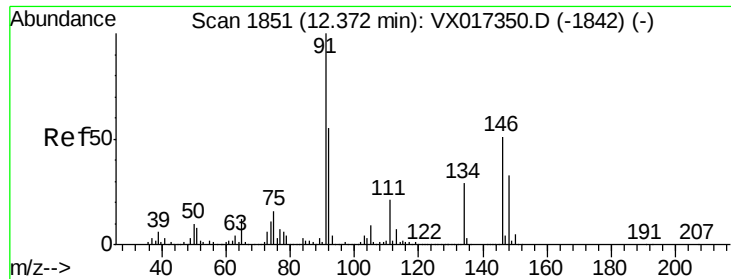
Delta R.T. 0.00 min

Lab File: VX017361.D

Acq: 13 Jul 2020 18:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 156125 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.6  | 18.9  | 56.9   |
| 148       | 64.9  | 31.9  | 95.9   |





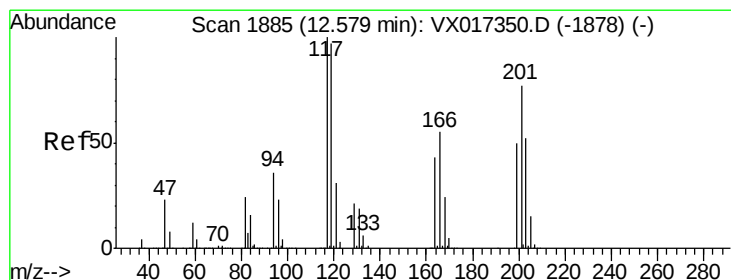
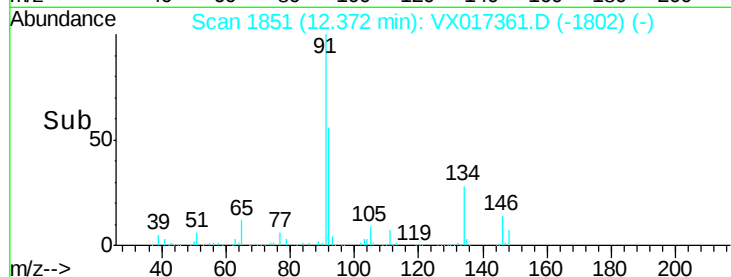
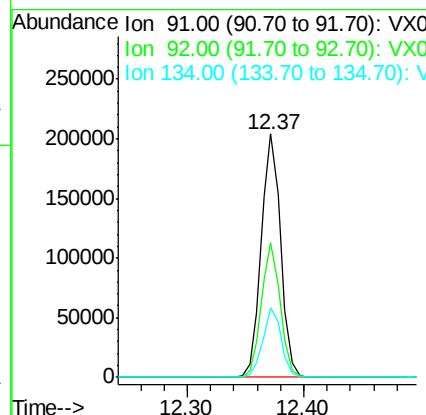
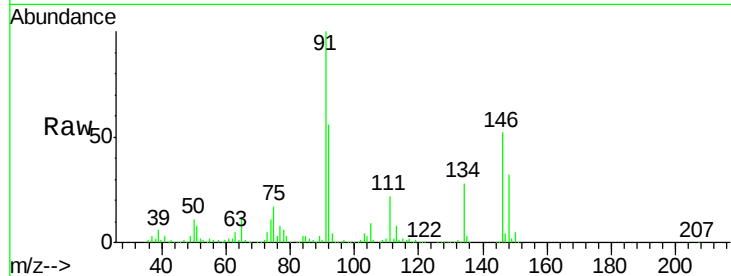
#89  
n-Butylbenzene  
Concen: 19.977 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.6  | 27.0  | 81.0  |
| 134     | 27.3  | 14.1  | 42.2  |

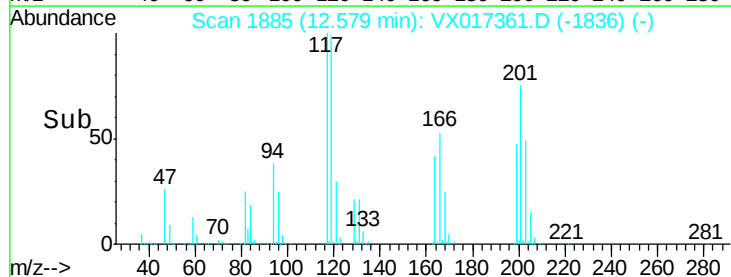
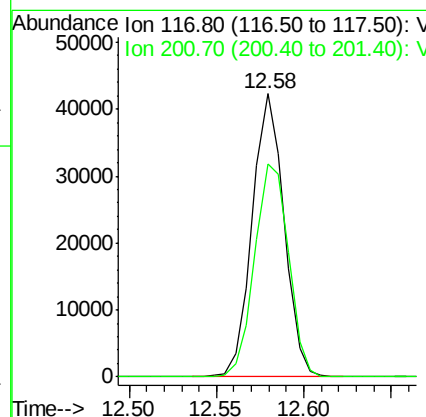
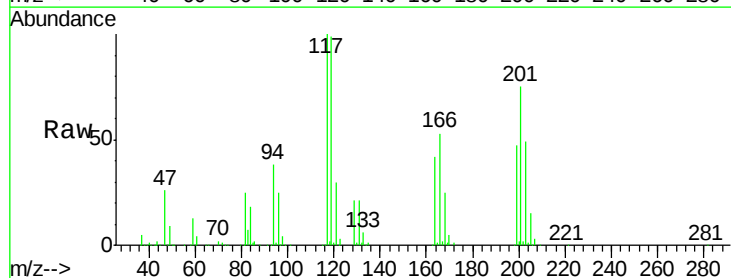
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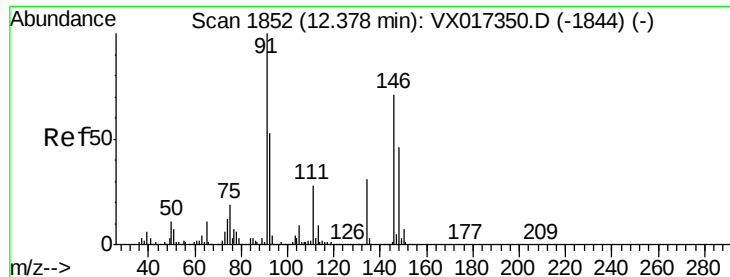
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#90  
Hexachloroethane  
Concen: 20.242 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.6  | 41.0  | 123.0 |





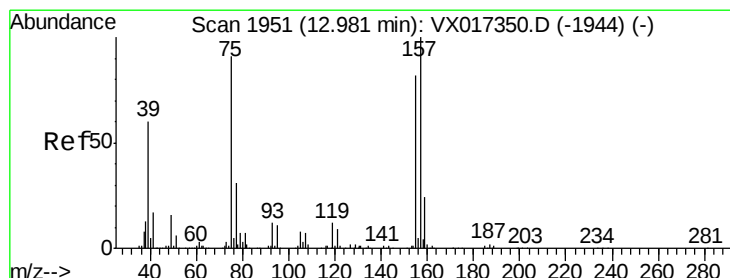
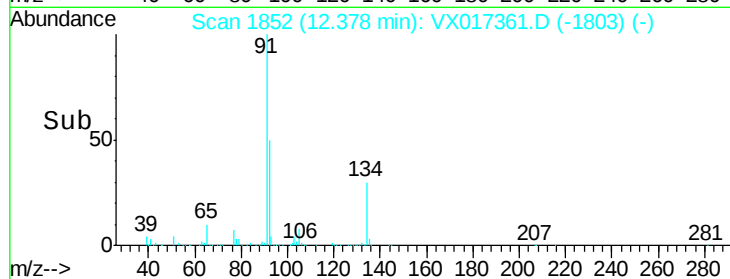
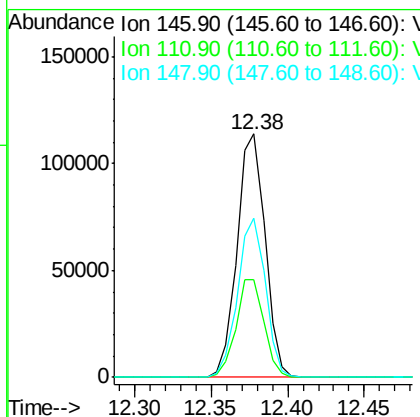
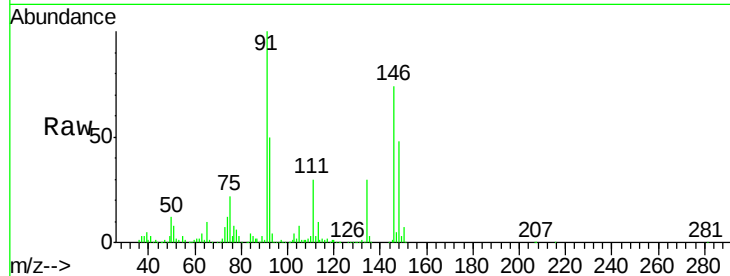
#91  
 1,2-Dichlorobenzene  
 Concen: 19.704 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 20.3  | 61.0  |
| 148     | 65.1  | 32.0  | 96.0  |

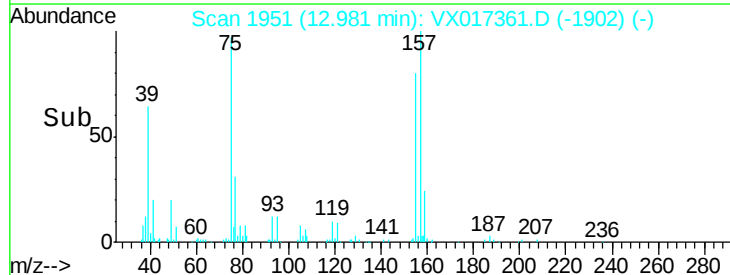
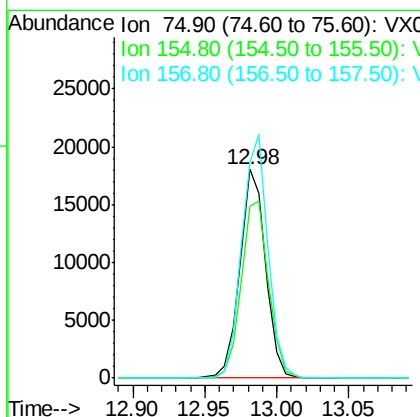
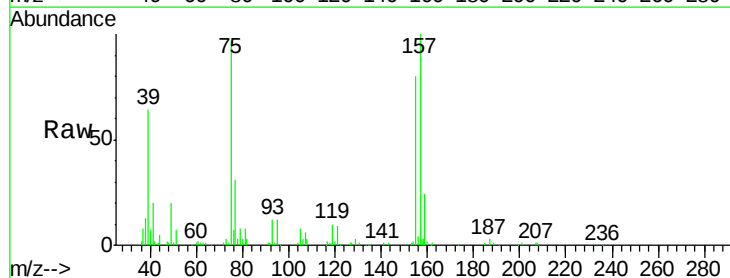
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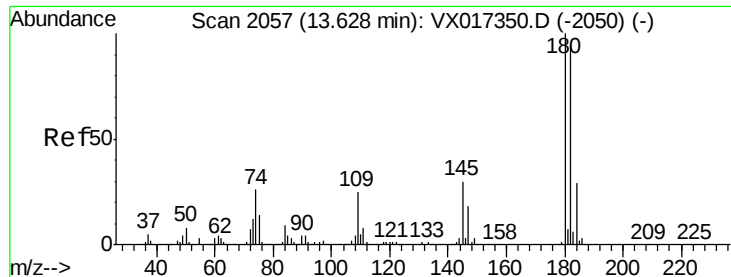
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.175 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.8  | 46.5  | 139.3 |
| 157     | 117.5 | 58.0  | 173.9 |





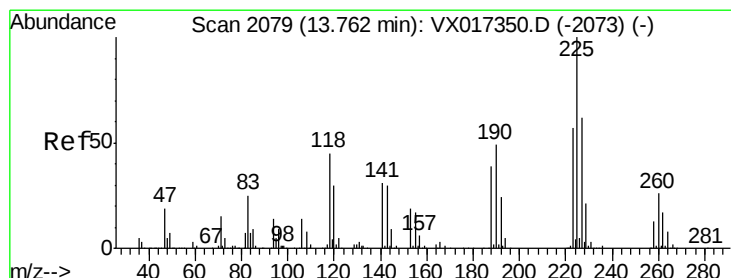
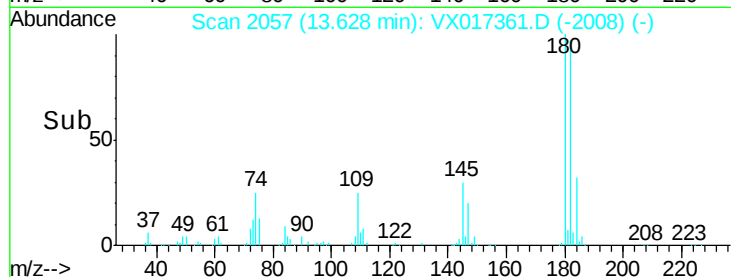
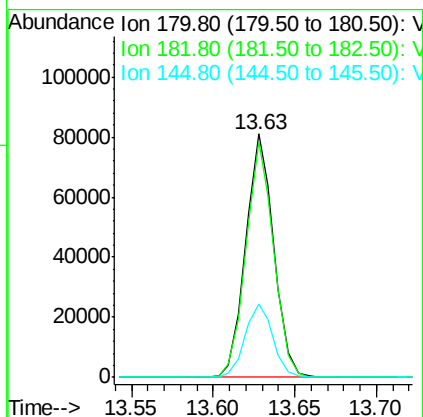
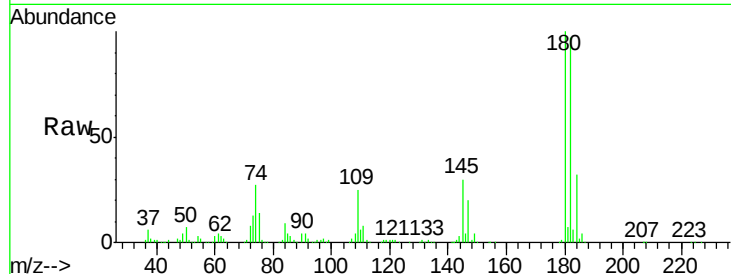
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.039 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 96926 |       |       |
| 182     | 95.6  | 48.4  | 145.0 |       |
| 145     | 30.1  | 15.3  | 45.8  |       |

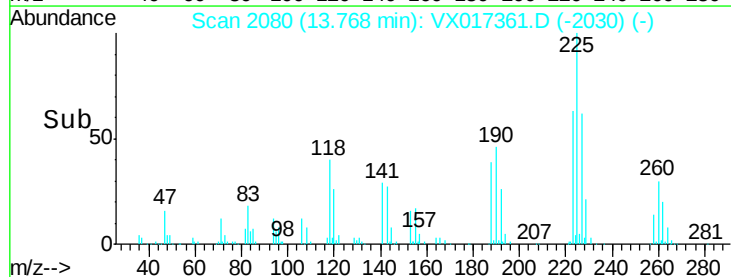
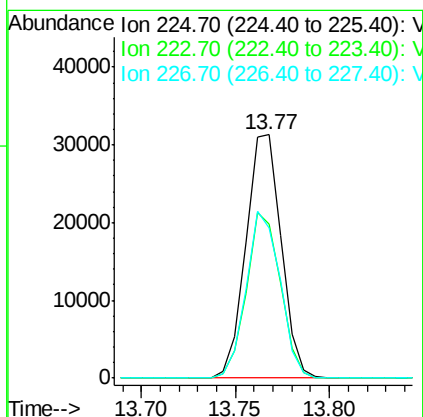
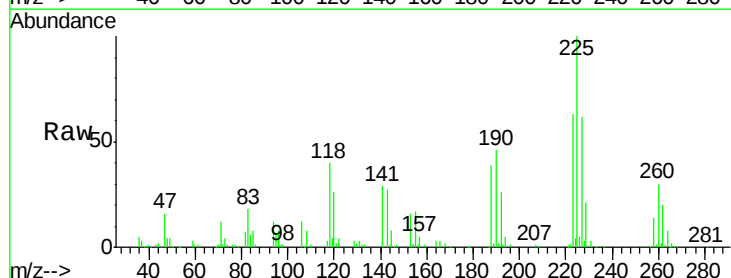
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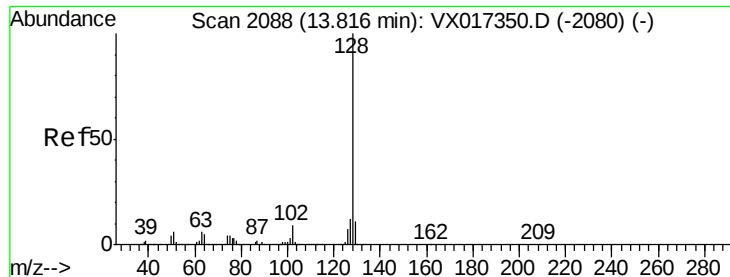
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 7/14/2020 11:36:12 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.622 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.01 min  
 Lab File: VX017361.D  
 Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 40738 |       |       |
| 223     | 65.5  | 31.3  | 93.8  |       |
| 227     | 65.7  | 31.6  | 95.0  |       |





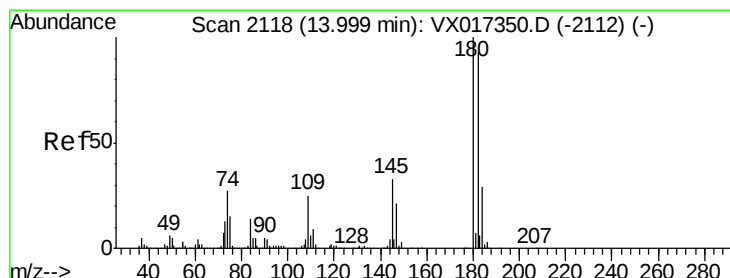
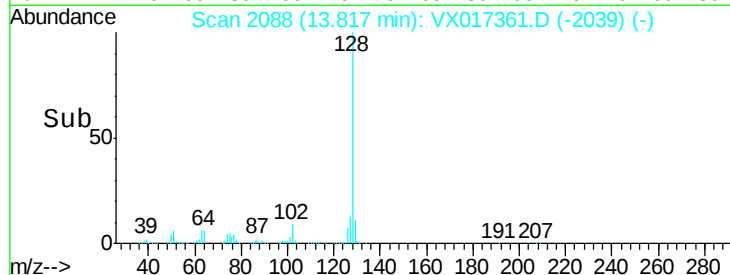
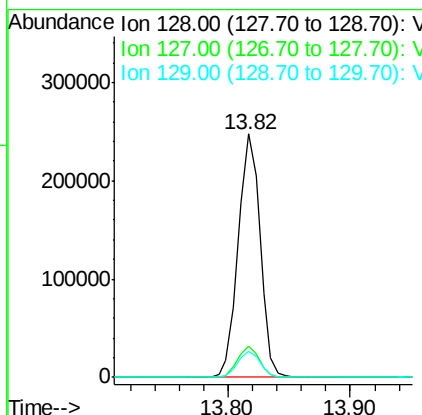
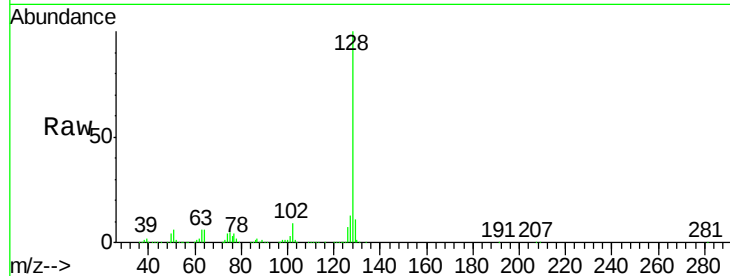
#95  
Naphthalene  
Concen: 20.418 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 305630 |       |       |
| 127     | 12.9  |        | 10.2  | 15.4  |
| 129     | 10.9  |        | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.248 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VX017361.D  
Acq: 13 Jul 2020 18:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 99575 |       |       |
| 182     | 92.7  |       | 48.8  | 146.3 |
| 145     | 31.6  |       | 16.6  | 49.7  |

