

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\  
 Data File : VX018437.D  
 Acq On : 16 Sep 2020 14:11  
 Operator : JC/SP  
 Sample : VX0916MBSD01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0916MBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2020 11:26:57 AM

Quant Time: Sep 17 04:48:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 373971   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 580243   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 559712   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 293288   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 289883   | 55.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.68% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 222626   | 56.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.68% |      |
| 50) Toluene-d8            | 8.70   | 98  | 758698   | 51.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.10% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 307122   | 53.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.08% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 85473   | 18.772  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 80703   | 16.812  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 81905   | 17.140  | ug/l | 97     |
| 5) Bromomethane               | 1.64 | 94  | 56262   | 24.410  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 51970   | 20.249  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 148414  | 22.777  | ug/l | 95     |
| 8) Diethyl Ether              | 2.17 | 74  | 45692   | 20.678  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 77355   | 21.959  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 68502   | 21.541  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 84906   | 84.111  | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 70045   | 19.166  | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 41258   | 98.571  | ug/l | 97     |
| 14) Allyl chloride            | 2.71 | 41  | 131062  | 19.961  | ug/l | 97     |
| 15) Acrylonitrile             | 3.11 | 53  | 224460  | 98.025  | ug/l | 98     |
| 16) Acetone                   | 2.42 | 43  | 220129  | 108.814 | ug/l | 95     |
| 17) Carbon Disulfide          | 2.55 | 76  | 180075  | 16.299  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 121610  | 24.911  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 271240  | 21.641  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 84439   | 19.706  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 77348   | 19.103  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.82 | 45  | 270240  | 20.853  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1167243 | 101.224 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 149061  | 20.206  | ug/l | 98     |
| 25) 2-Butanone                | 4.63 | 43  | 316973  | 95.339  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 144482  | 24.071  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 87986   | 18.860  | ug/l | 95     |
| 28) Bromochloromethane        | 4.98 | 49  | 66994   | 18.814  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 197479  | 93.307  | ug/l | 98     |
| 30) Chloroform                | 5.18 | 83  | 164078  | 21.480  | ug/l | 97     |
| 31) Cyclohexane               | 5.55 | 56  | 111229  | 17.900  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 152019  | 21.687  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 109216  | 20.407  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.79 | 43  | 118097  | 18.999  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 137364  | 22.775  | ug/l | 93     |

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 Data File : VX018437.D  
 Acq On : 16 Sep 2020 14:11  
 Operator : JC/SP  
 Sample : VX0916MBSD01  
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0916MBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2020 11:26:57 AM

Quant Time: Sep 17 04:48:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 116073   | 19.834  | ug/l   | 95       |
| 40) Benzene                    | 6.11  | 78   | 320291   | 20.367  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.00  | 41   | 67891    | 19.892  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 139128   | 23.091  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 204137   | 20.333  | ug/l   | 98       |
| 44) Trichloroethene            | 7.19  | 130  | 90093    | 20.275  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 87713    | 20.695  | ug/l # | 88       |
| 46) Dibromomethane             | 7.64  | 93   | 62924    | 21.112  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.88  | 83   | 132743   | 22.305  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.74  | 41   | 102151   | 20.439  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 24850    | 274.488 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 628873   | 101.404 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 203294   | 20.387  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 146565   | 22.221  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 152287   | 21.796  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 92523    | 21.755  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 131294   | 20.767  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 149906   | 21.371  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 297463   | 104.590 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.47  | 43   | 481778   | 102.166 | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.56  | 129  | 111378   | 22.325  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 100638   | 21.796  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 84177    | 20.466  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.12 | 112  | 237447   | 21.241  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 98028    | 22.249  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.23 | 91   | 399586   | 21.019  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 300587   | 42.363  | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 146854   | 21.350  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 246872   | 21.075  | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 82250    | 21.886  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.00 | 105  | 399124   | 20.631  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 173904   | 18.946  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 137819   | 20.195  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 129577m  | 19.861  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 110643   | 20.691  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.34 | 91   | 462466   | 21.054  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 278975   | 20.557  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 343265   | 21.593  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 49854    | 20.638  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 336649   | 20.867  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 340107   | 21.679  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 348674   | 21.453  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 386455   | 21.661  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 361714   | 22.072  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 196046   | 20.881  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 199897   | 21.264  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 328097   | 21.935  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 71448    | 22.159  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 193067   | 21.846  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 33754    | 19.781  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX091620\  
 Data File : VX018437.D  
 Acq On : 16 Sep 2020 14:11  
 Operator : JC/SP  
 Sample : VX0916MBSD01  
 Misc : 5.00µL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBSD01

Manual Integrations  
 APPROVED

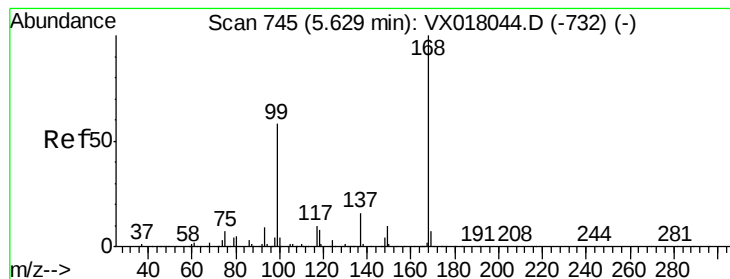
MMDadoda  
 9/17/2020 11:26:57 AM

Quant Time: Sep 17 04:48:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 132778   | 22.530 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 61040    | 26.259 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 395503   | 20.392 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 126492   | 21.722 | ug/l  | 98       |

(#) = 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: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBS01

Tot Ion:168 Resp: 373971

Ion Ratio Lower Upper

168 100

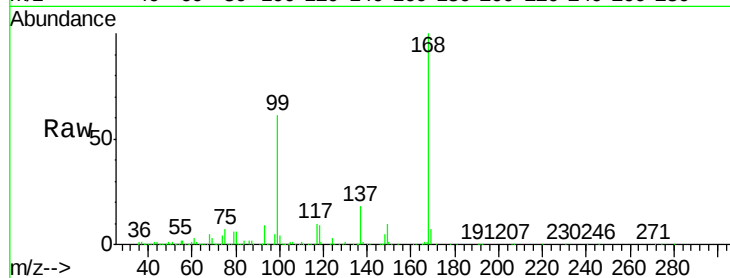
99 60.3 46.3 69.5

Manual Integrations

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9/17/2020 11:26:57 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

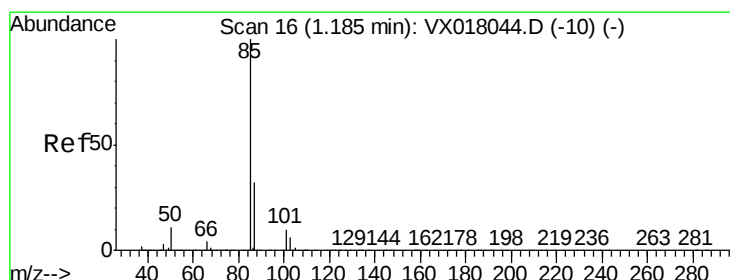
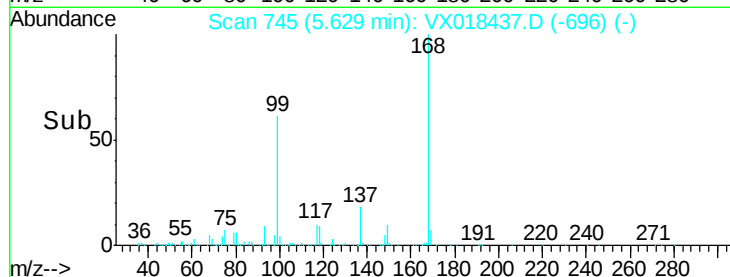
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.772 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018437.D

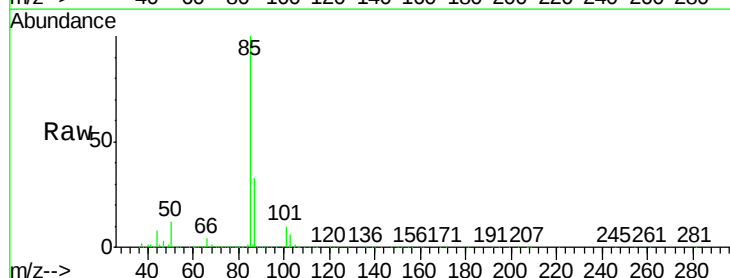
Acq: 16 Sep 2020 14:11

Tgt Ion: 85 Resp: 85473

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

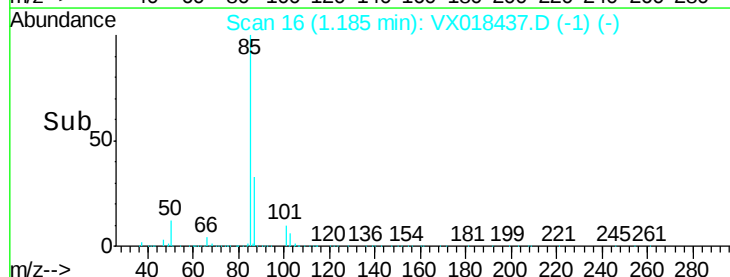
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.812 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 50 Resp: 80703

Ion Ratio Lower Upper

50 100

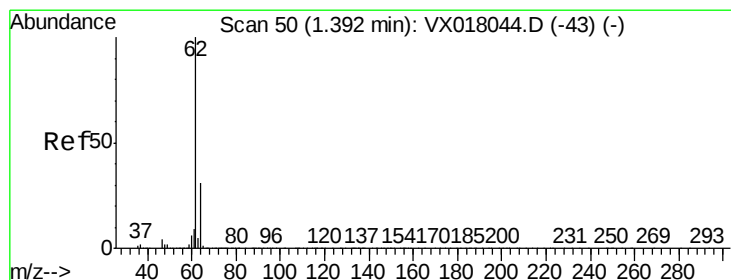
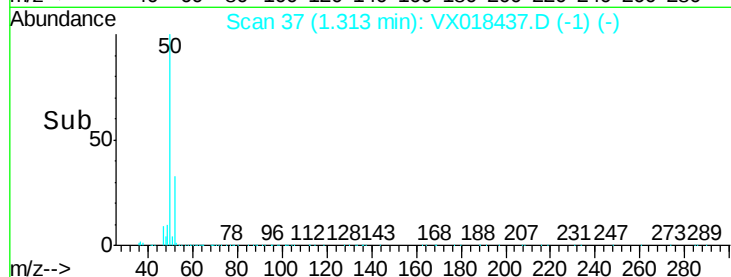
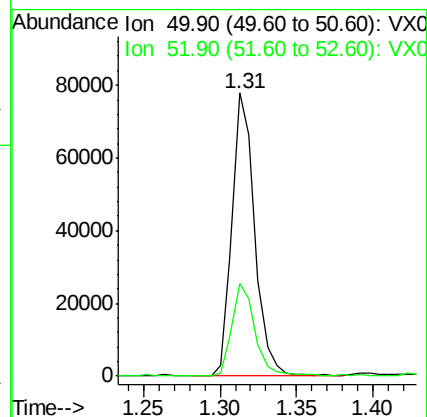
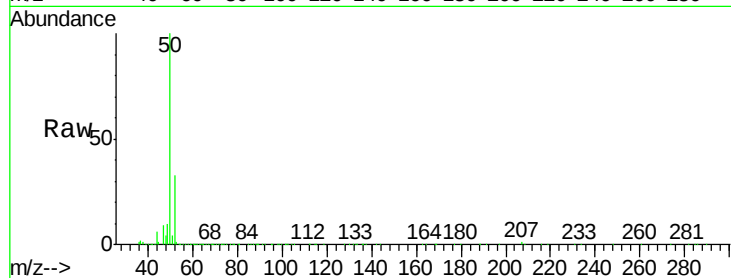
52 32.7 25.4 38.2

Manual Integrations

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9/17/2020 11:26:57 AM



#4

Vinyl Chloride

Concen: 17.140 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018437.D

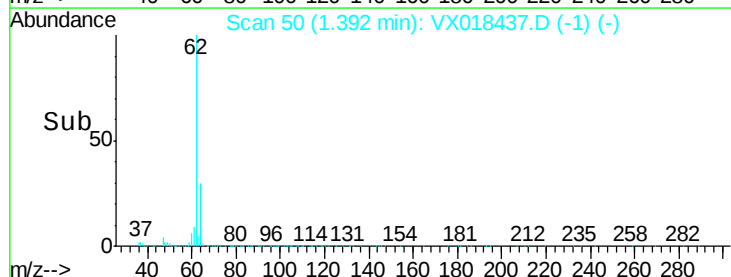
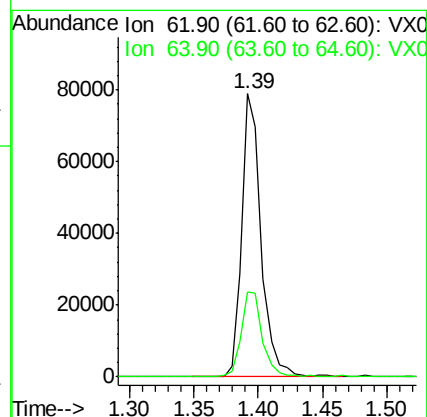
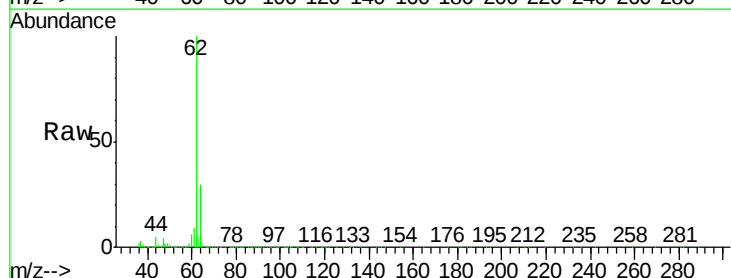
Acq: 16 Sep 2020 14:11

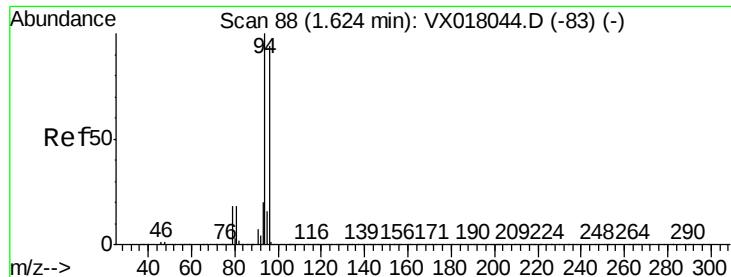
Tgt Ion: 62 Resp: 81905

Ion Ratio Lower Upper

62 100

64 29.8 25.1 37.7





#5

Bromomethane

Concen: 24.410 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 94 Resp: 56262

Ion Ratio Lower Upper

94 100

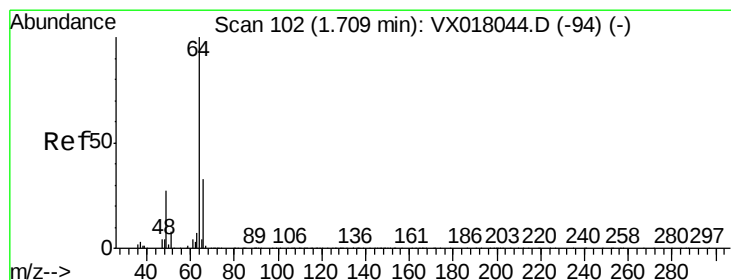
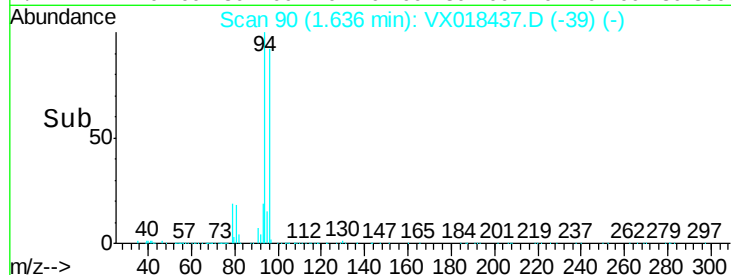
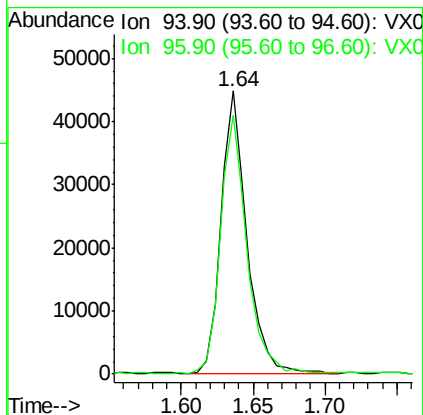
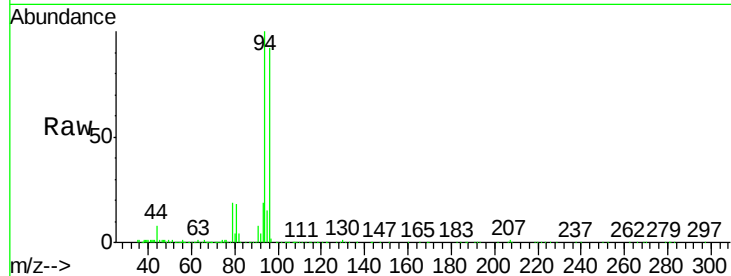
96 91.6 74.8 112.2

Manual Integrations

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9/17/2020 11:26:57 AM



#6

Chloroethane

Concen: 20.249 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018437.D

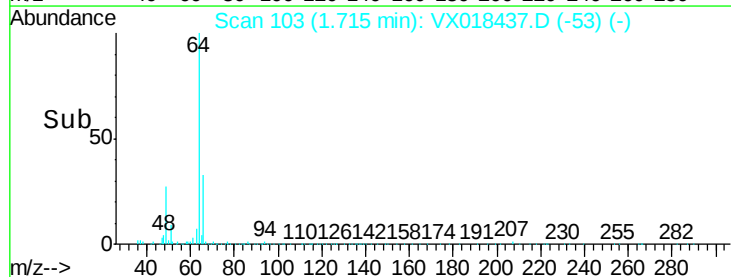
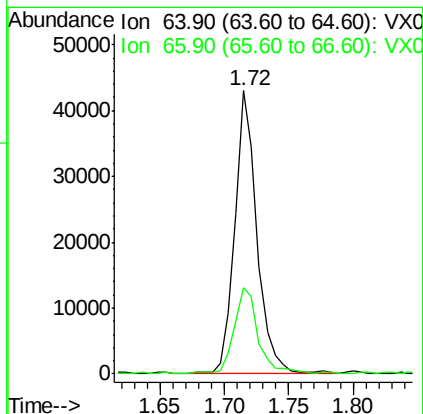
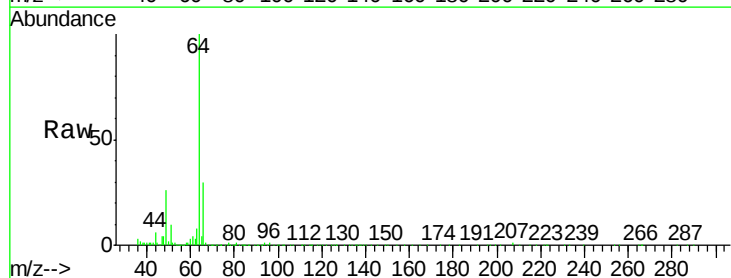
Acq: 16 Sep 2020 14:11

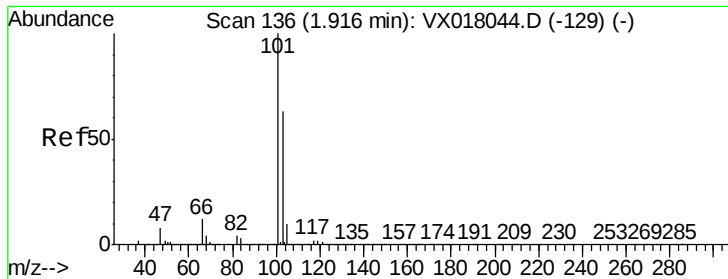
Tgt Ion: 64 Resp: 51970

Ion Ratio Lower Upper

64 100

66 30.0 26.6 39.8





#7

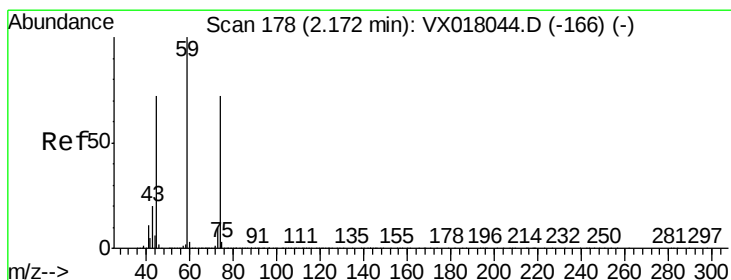
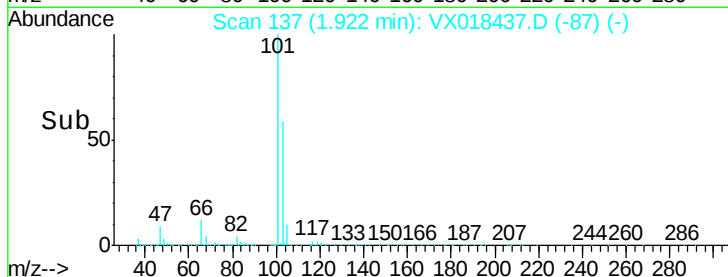
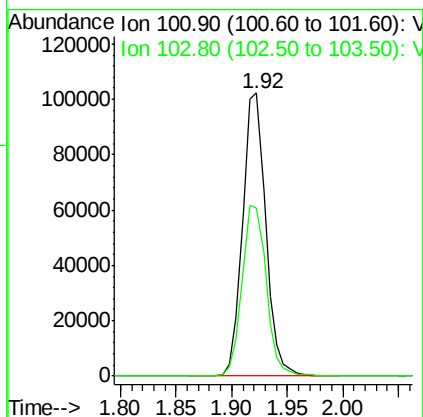
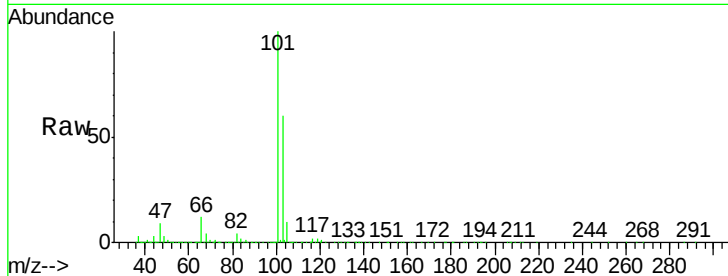
Trichlorofluoromethane  
Concen: 22.777 ug/l  
RT: 1.92 min Scan# 137  
Delta R.T. 0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 59.6  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

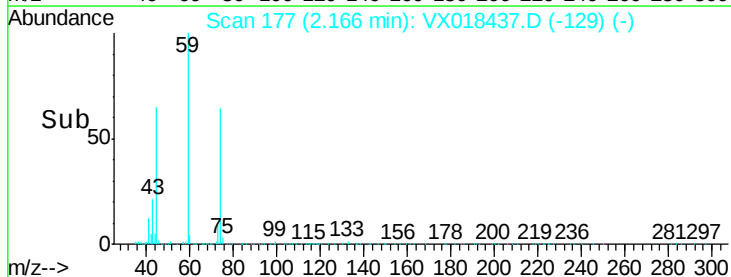
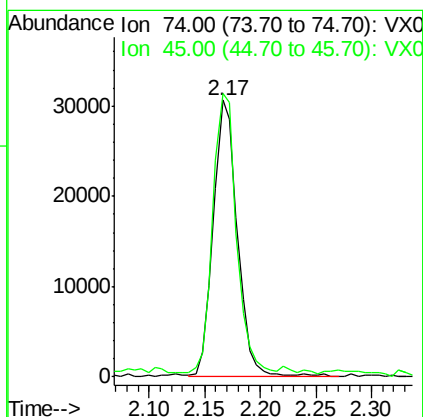
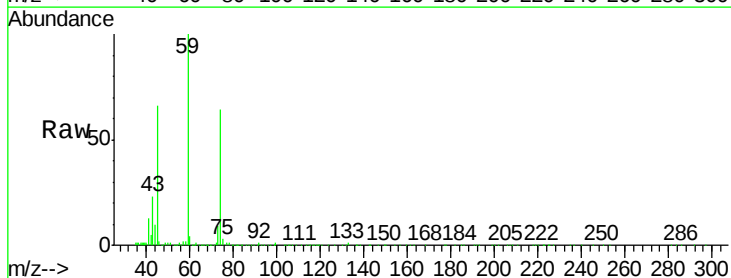
MMDadoda  
9/17/2020 11:26:57 AM

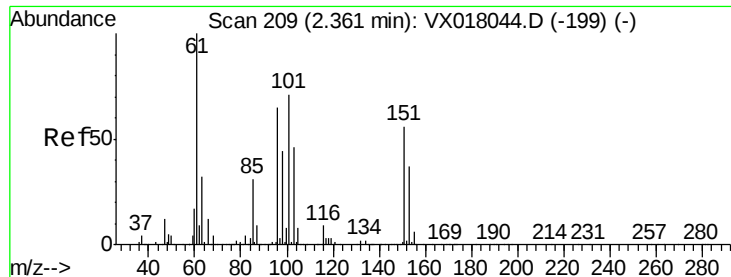


#8

Diethyl Ether  
Concen: 20.678 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.3  | 50.7  | 152.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.959 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

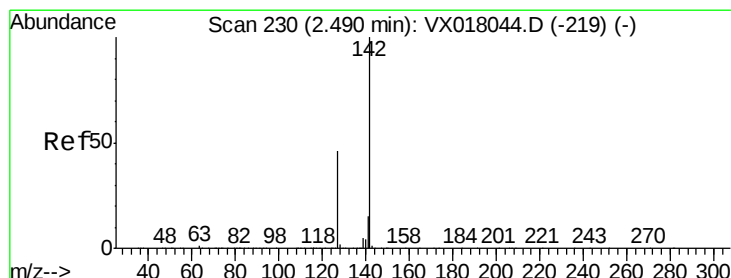
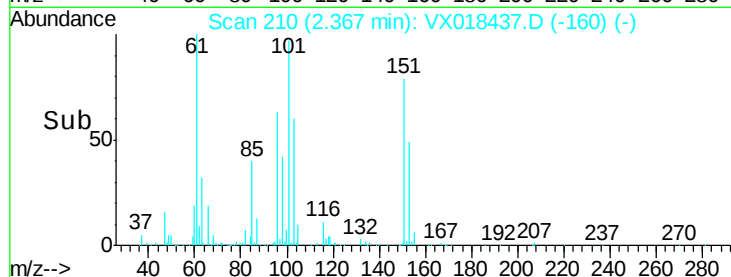
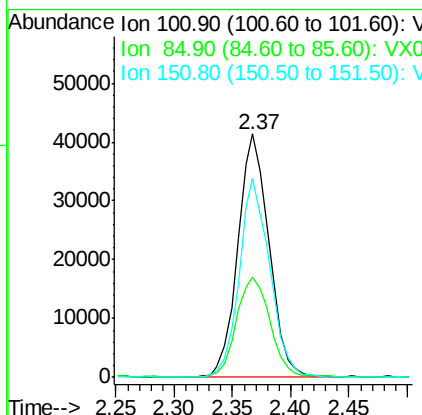
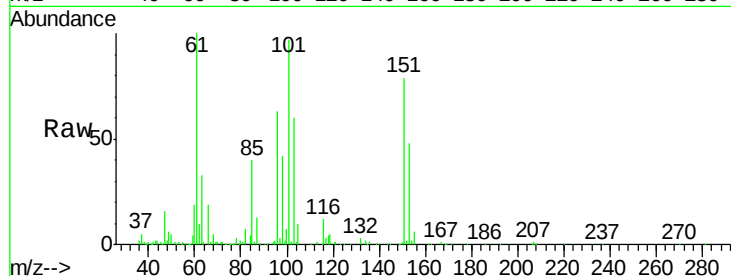
ClientSampleId :

VX0916MBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 77355 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.9  | 34.0  | 51.0  |
| 151       | 80.0  | 65.2  | 97.8  |

Manual Integrations  
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9/17/2020 11:26:57 AM



#10

Methyl Iodide

Concen: 21.541 ug/l

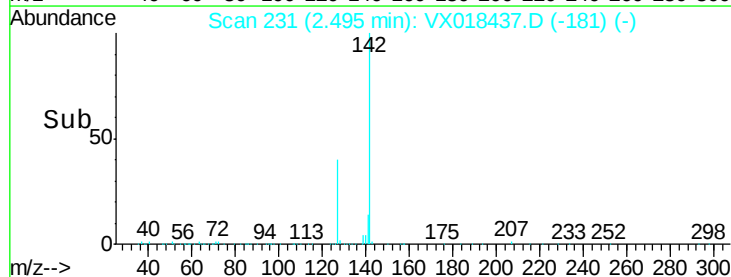
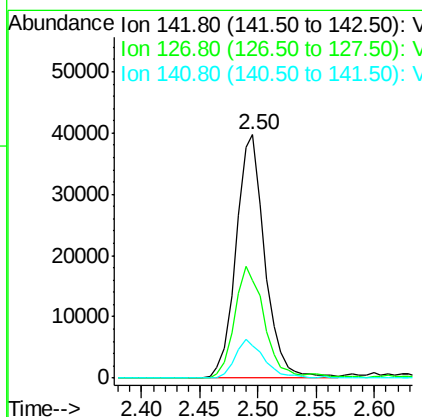
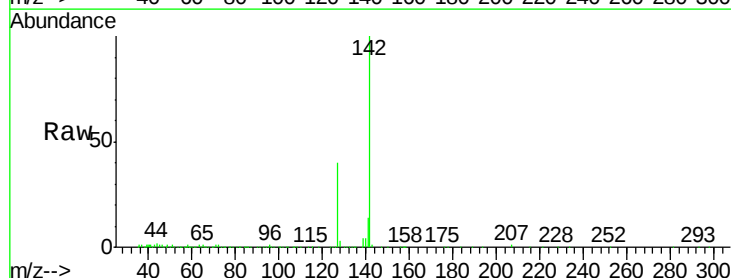
RT: 2.50 min Scan# 231

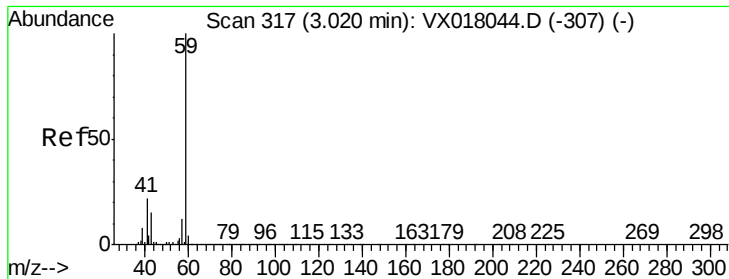
Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 68502 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.8  | 37.0  | 55.6  |
| 141       | 15.9  | 11.5  | 17.3  |





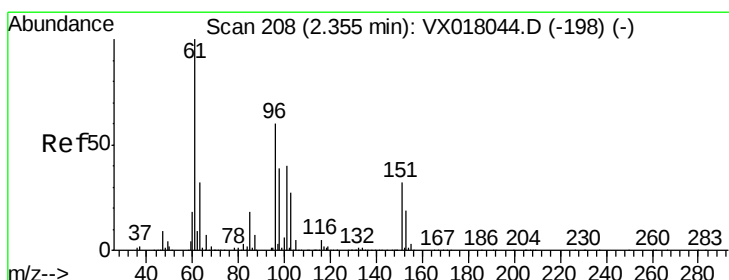
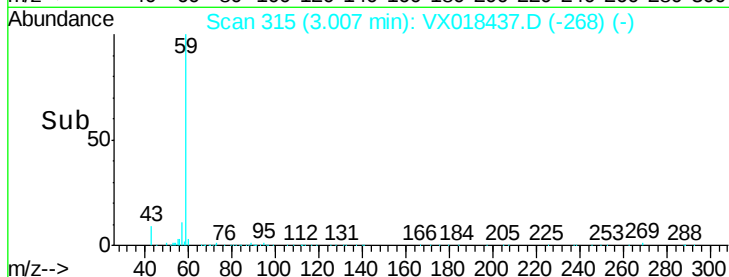
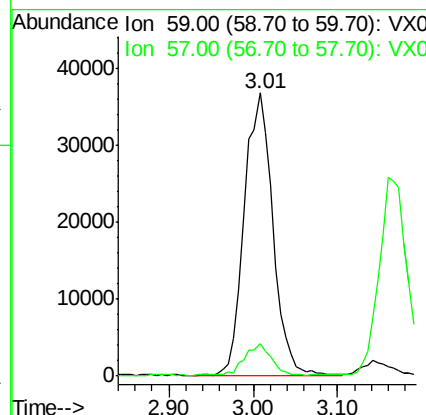
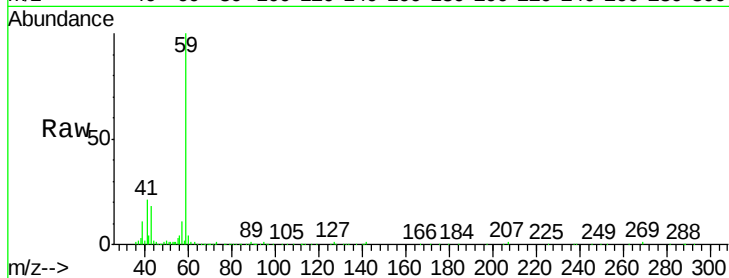
#11  
Tert butyl alcohol  
Concen: 84.111 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 59      | 59  | 100   | 84906 |       |       |
| 57      | 57  | 9.4   |       | 8.9   | 13.3  |

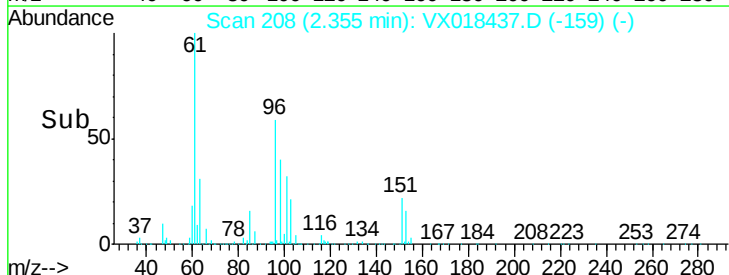
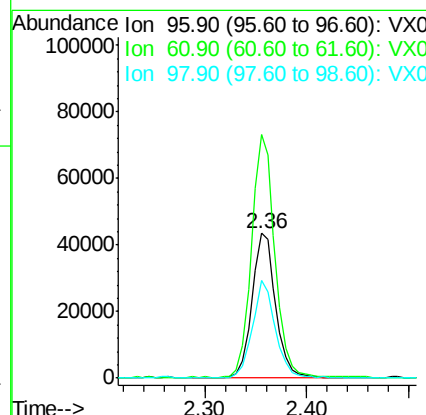
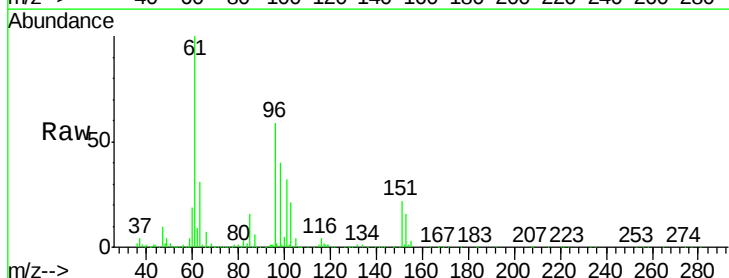
Manual Integrations  
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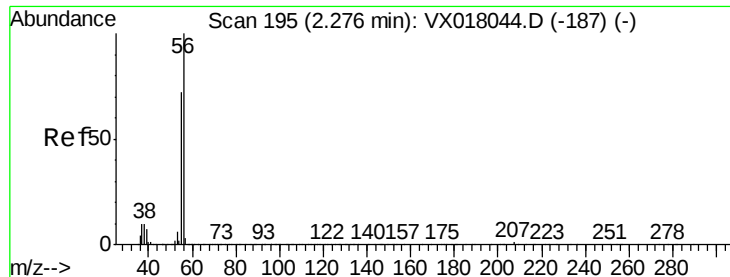
MMDadoda  
9/17/2020 11:26:57 AM



#12  
1,1-Dichloroethene  
Concen: 19.166 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 96      | 96  | 100   | 70045 |       |       |
| 61      | 61  | 167.8 |       | 133.0 | 199.4 |
| 98      | 98  | 67.2  |       | 51.6  | 77.4  |





#13

Acrolein

Concen: 98.571 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBS01

Tot Ion: 56 Resp: 41258

Ion Ratio Lower Upper

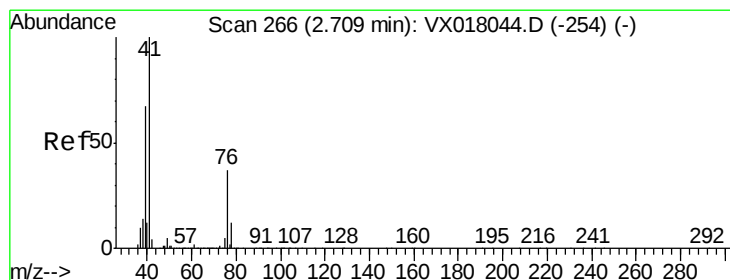
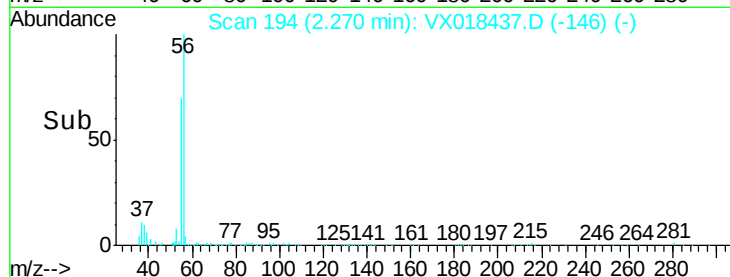
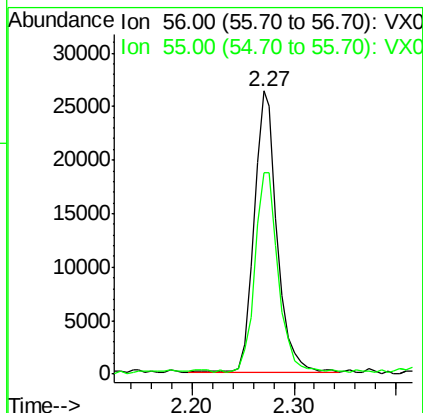
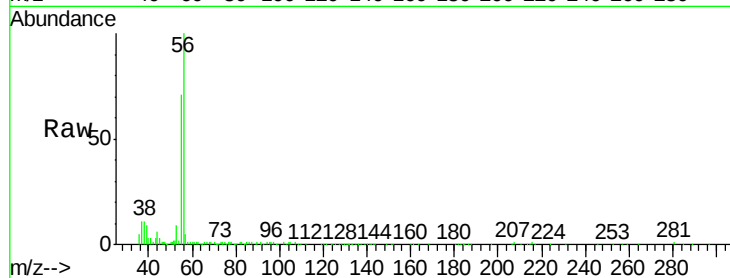
56 100

55 73.9 57.0 85.6

Manual Integrations  
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#14

Allyl chloride

Concen: 19.961 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

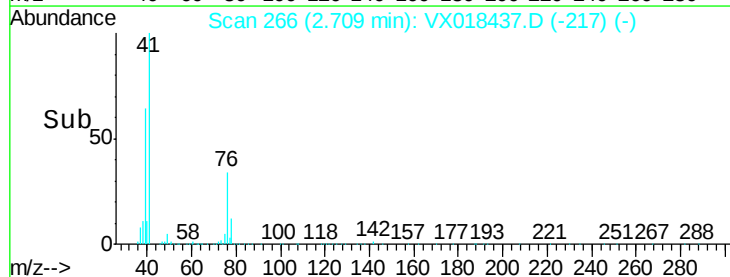
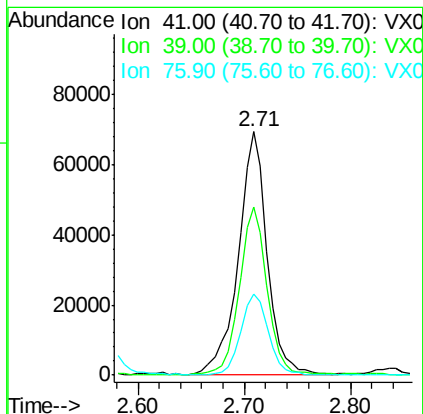
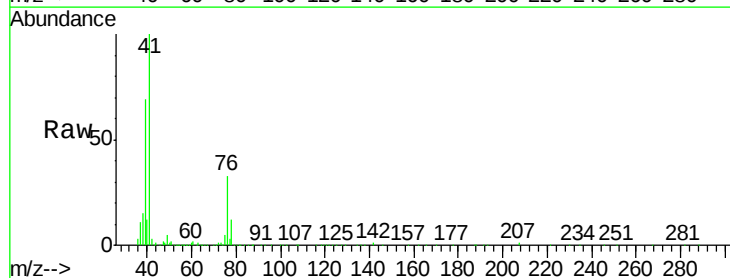
Tgt Ion: 41 Resp: 131062

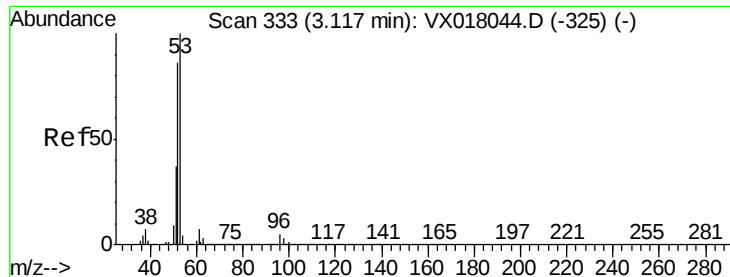
Ion Ratio Lower Upper

41 100

39 66.3 50.6 76.0

76 32.4 26.2 39.2





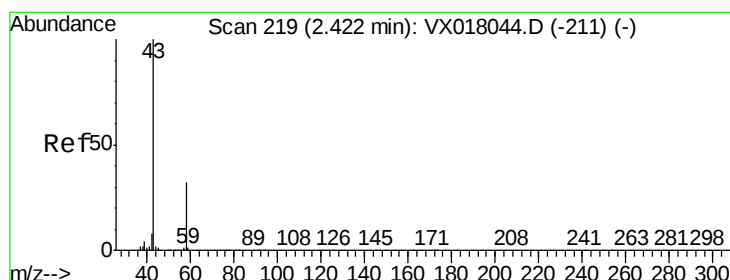
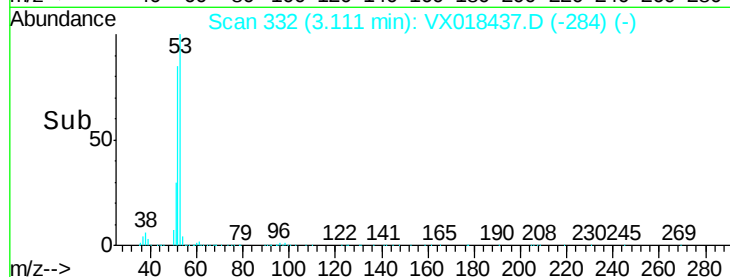
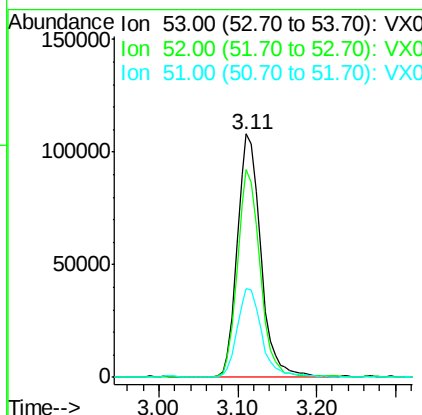
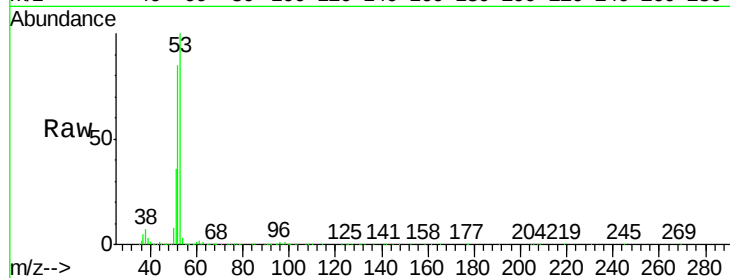
#15  
 Acrylonitrile  
 Concen: 98.025 ug/l  
 RT: 3.11 min Scan# 332  
 Delta R.T. -0.01 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 224460 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.9  | 66.9  | 100.3  |
| 51       | 37.6  | 28.7  | 43.1   |

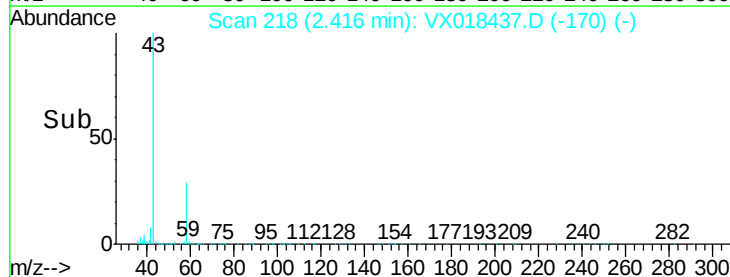
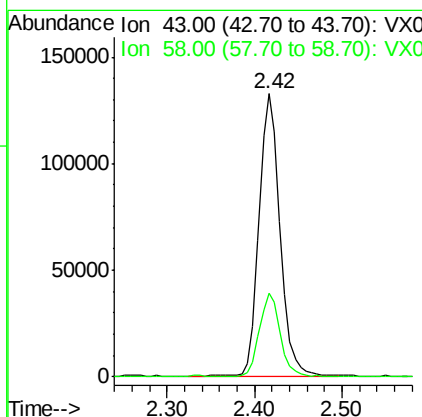
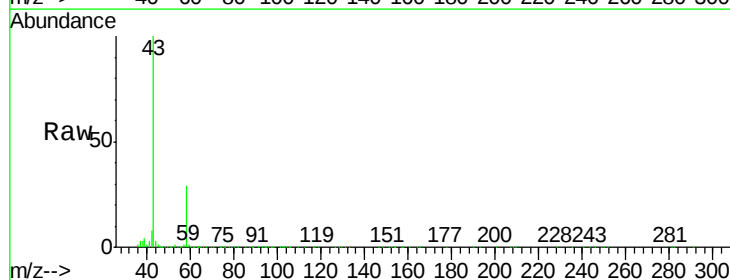
Manual Integrations  
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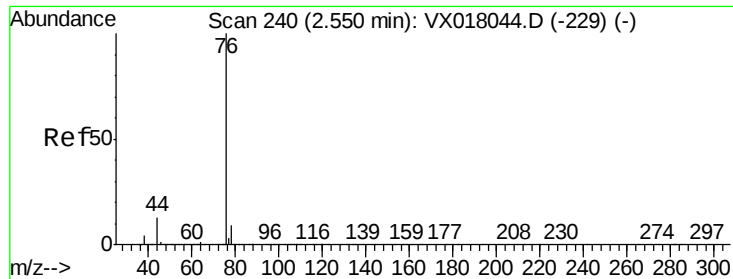
MMDadoda  
 9/17/2020 11:26:57 AM



#16  
 Acetone  
 Concen: 108.814 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. -0.01 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 220129 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.1  | 25.5  | 38.3   |





#17

Carbon Disulfide

Concen: 16.299 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 76 Resp: 180075

Ion Ratio Lower Upper

76 100

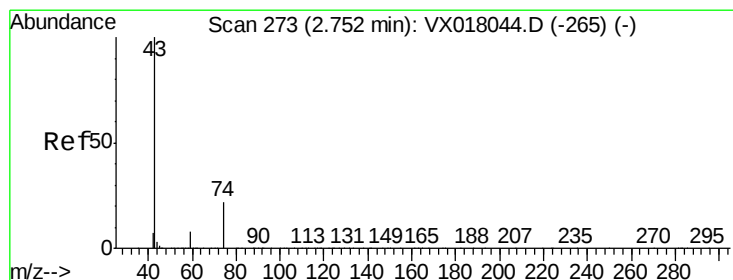
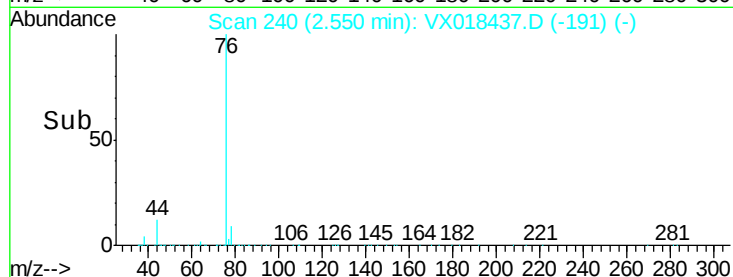
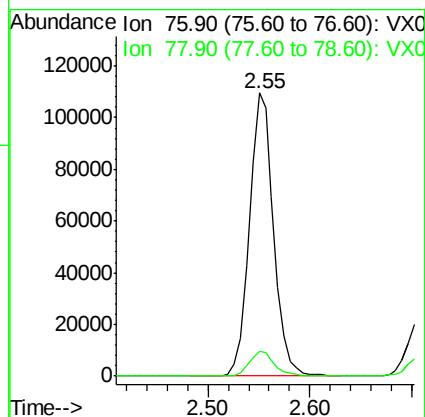
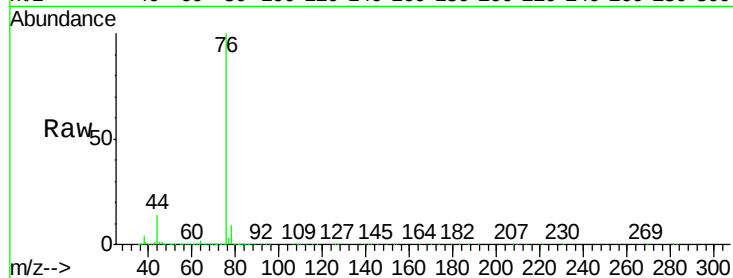
78 8.7 7.4 11.0

Manual Integrations

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MMDadoda

9/17/2020 11:26:57 AM



#18

Methyl Acetate

Concen: 24.911 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018437.D

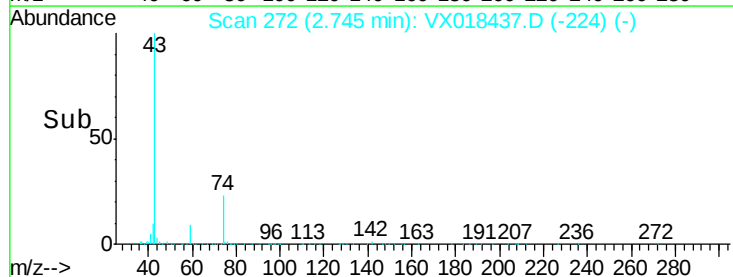
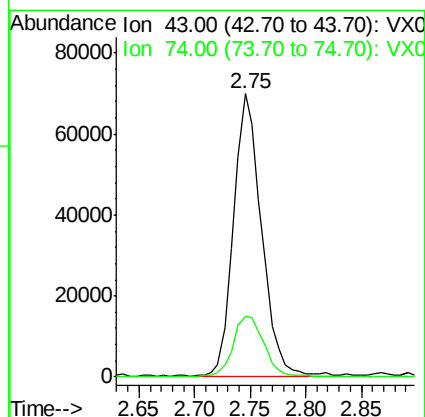
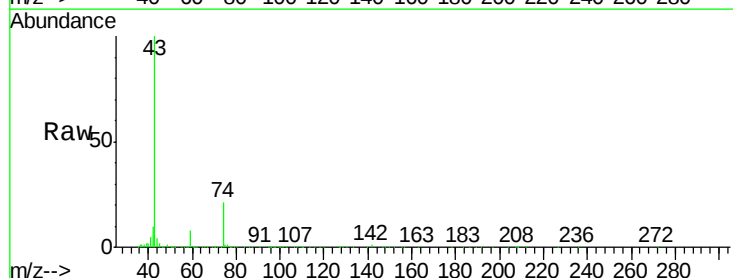
Acq: 16 Sep 2020 14:11

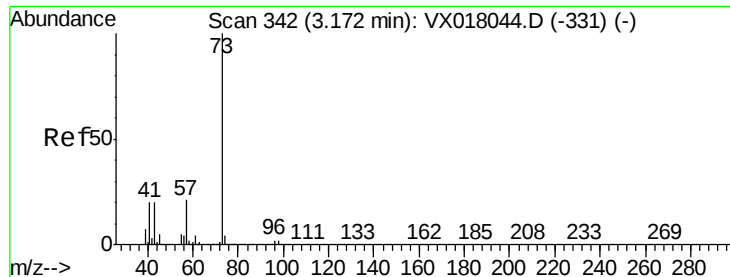
Tgt Ion: 43 Resp: 121610

Ion Ratio Lower Upper

43 100

74 23.9 18.2 27.4





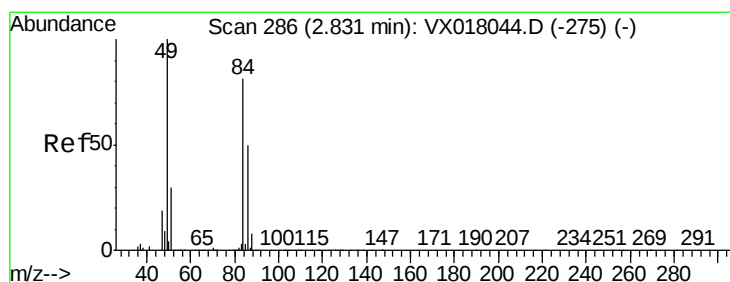
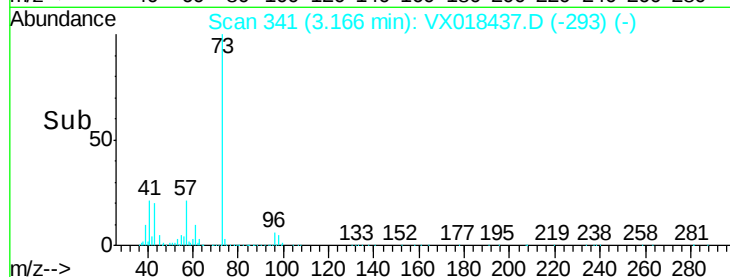
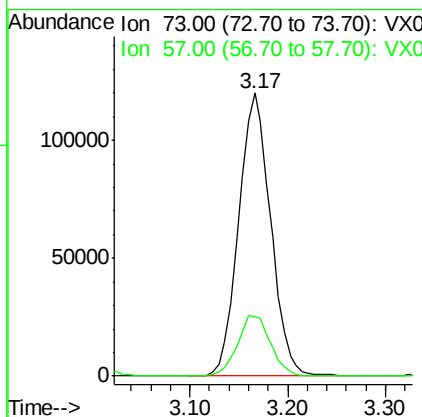
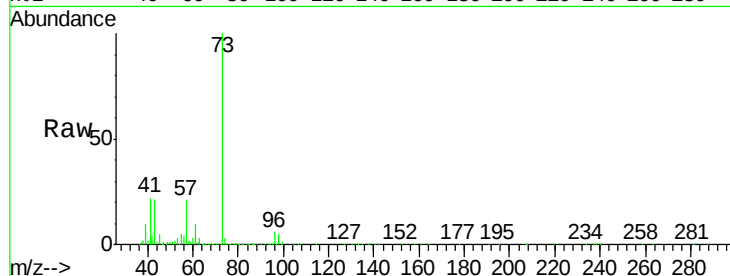
#19  
Methyl tert-butyl Ether  
Concen: 21.641 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.0  | 16.8  | 25.2  |

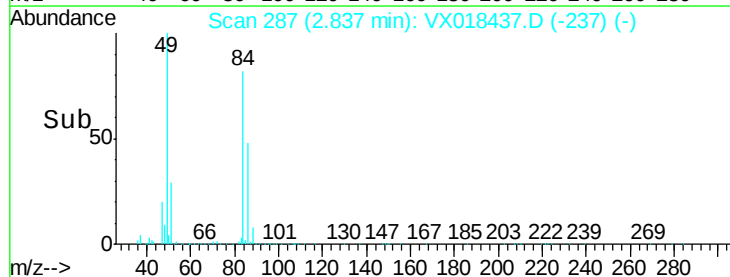
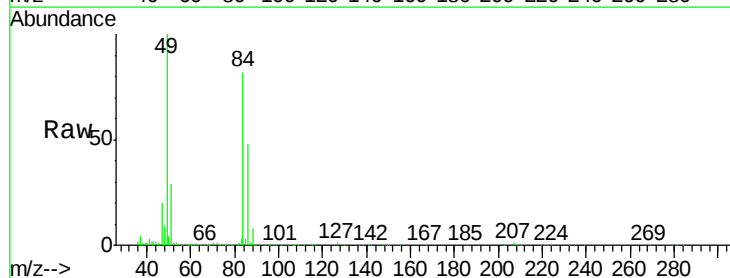
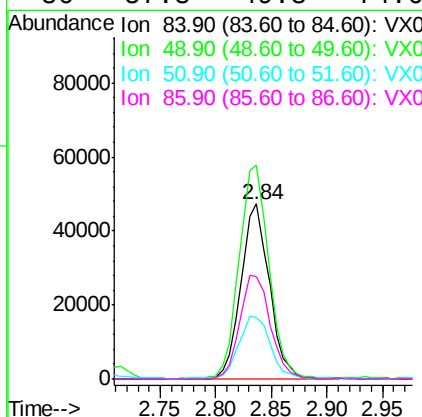
Manual Integrations  
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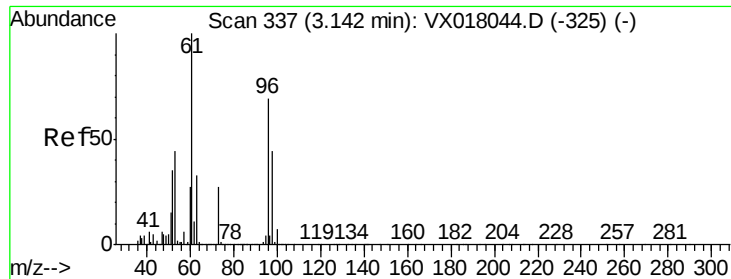
MMDadoda  
9/17/2020 11:26:57 AM



#20  
Methylene Chloride  
Concen: 19.706 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.8 | 98.6  | 148.0 |
| 51      | 34.7  | 29.6  | 44.4  |
| 86      | 57.8  | 49.8  | 74.6  |





#21

trans-1,2-Dichloroethene

Concen: 19.103 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

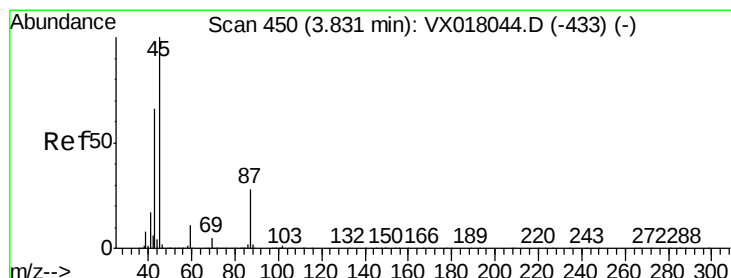
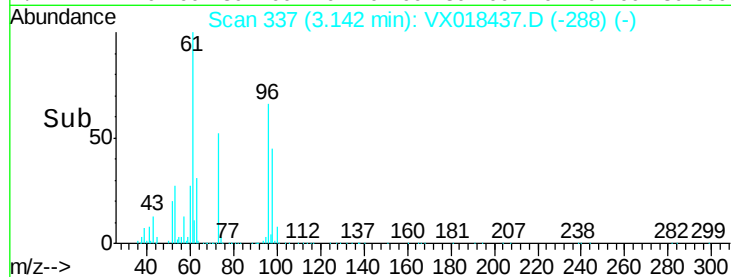
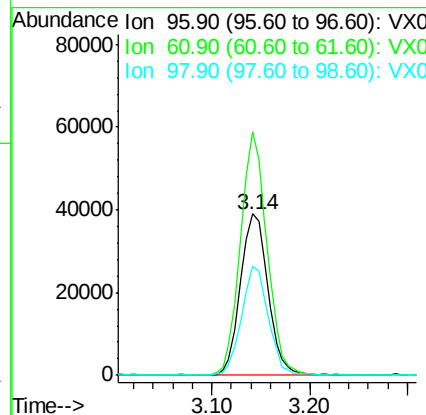
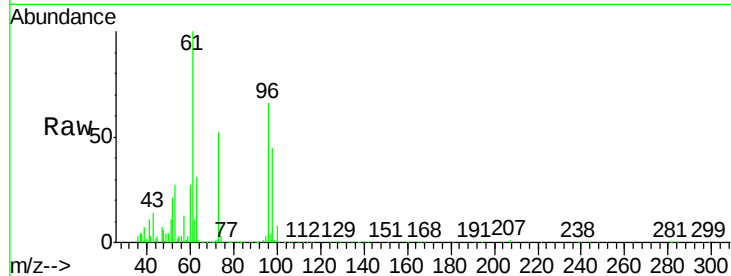
ClientSampleId :

VX0916MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 77348 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 150.4 | 115.4 | 173.0 |
| 98       | 67.2  | 51.1  | 76.7  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 20.853 ug/l

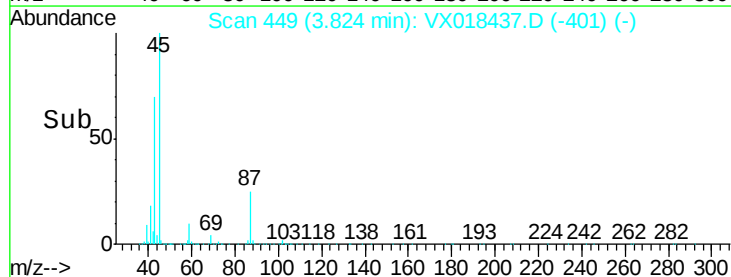
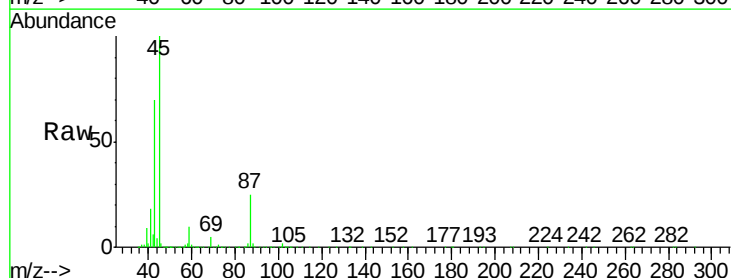
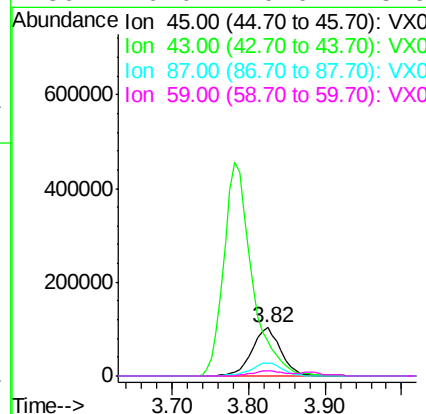
RT: 3.82 min Scan# 449

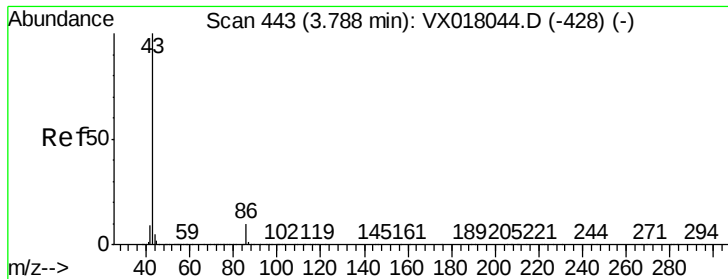
Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 270240 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 70.2  | 52.8  | 79.2   |
| 87       | 25.3  | 22.5  | 33.7   |
| 59       | 10.0  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 101.224 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 43 Resp: 1167243

Ion Ratio Lower Upper

43 100

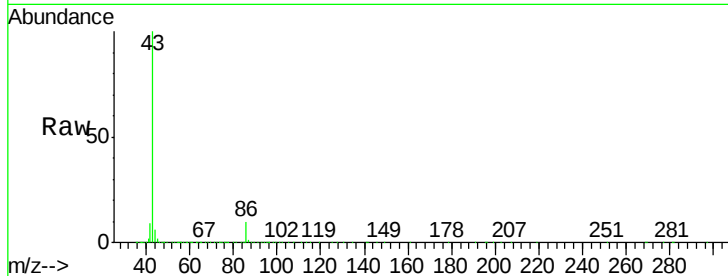
86 9.7 7.9 11.9

Manual Integrations

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MMDadoda

9/17/2020 11:26:57 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

500000

400000

300000

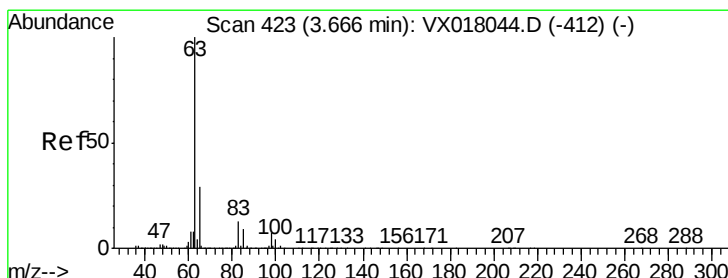
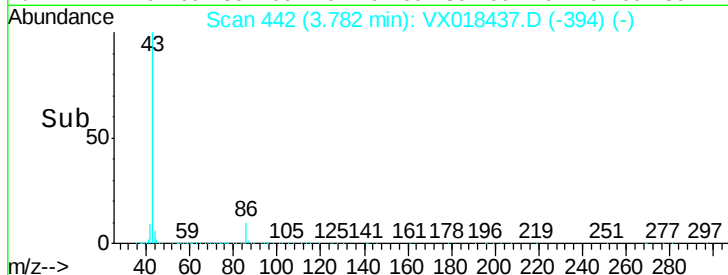
200000

100000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.206 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

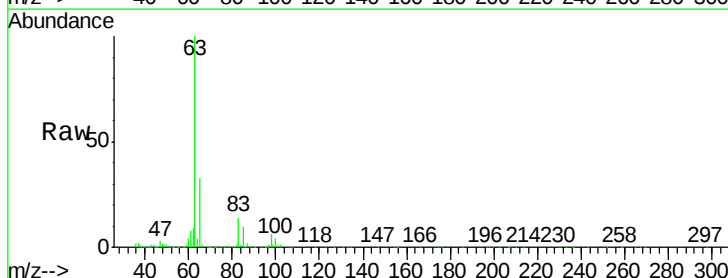
Tgt Ion: 63 Resp: 149061

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

80000

60000

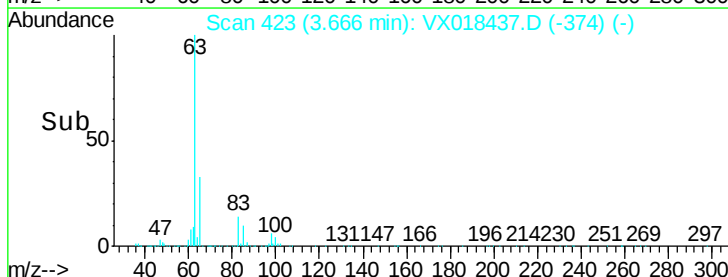
40000

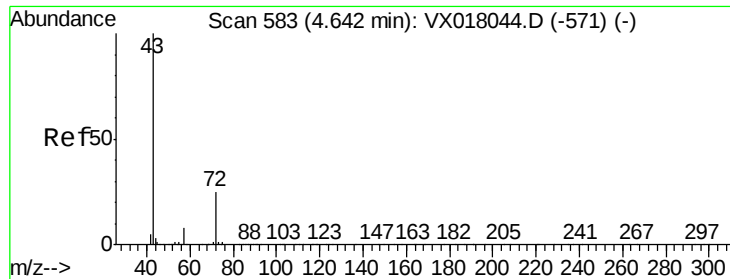
20000

0

Time-->

3.50 3.60 3.70 3.80





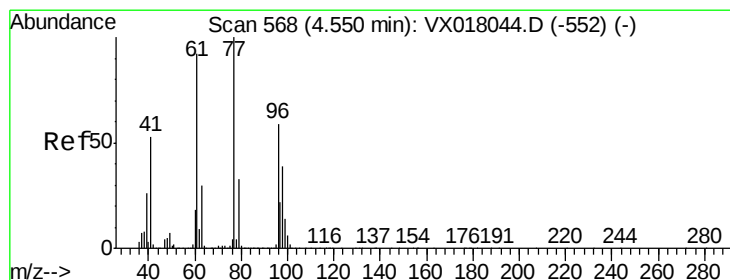
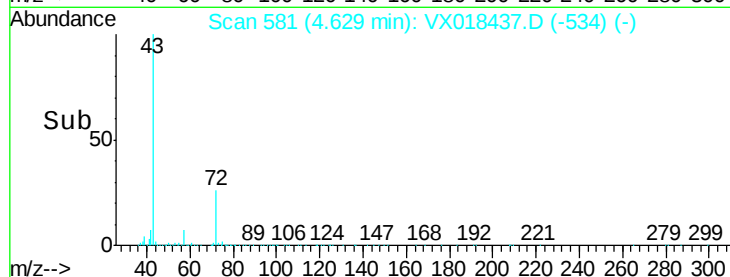
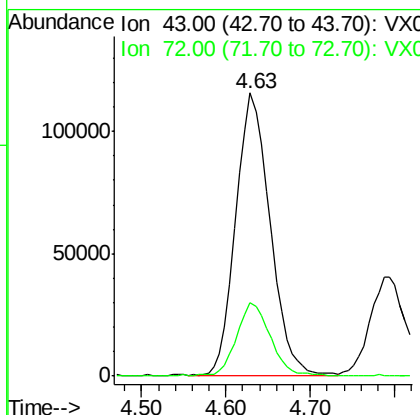
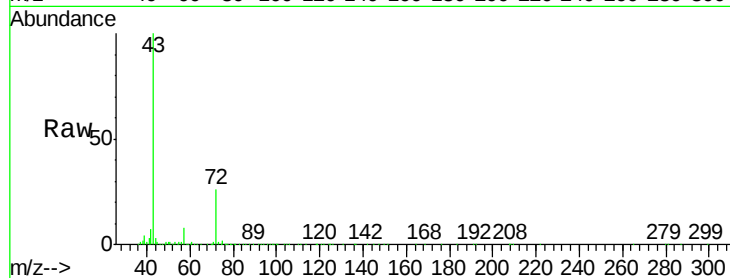
#25  
2-Butanone  
Concen: 95.339 ug/l  
RT: 4.63 min Scan# 581  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

Tot Ion: 43 Resp: 316973  
Ion Ratio Lower Upper  
43 100  
72 25.7 19.8 29.6

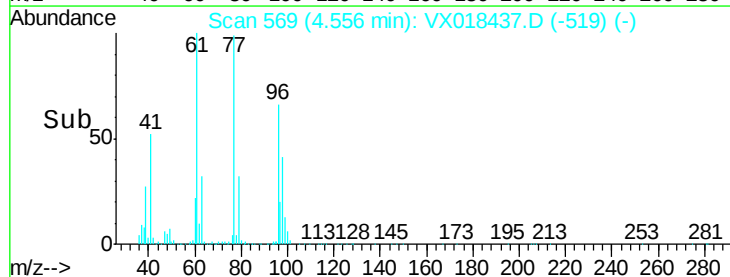
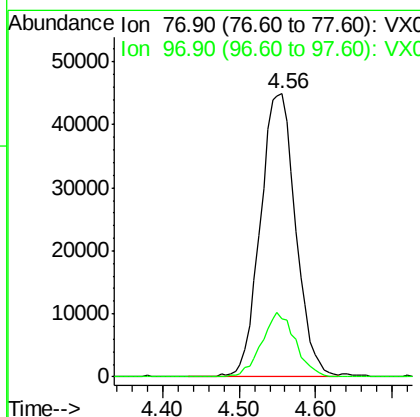
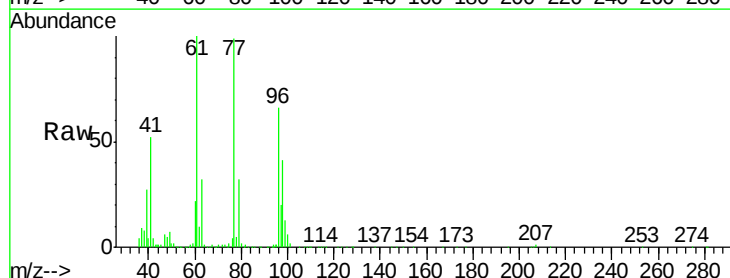
Manual Integrations  
APPROVED

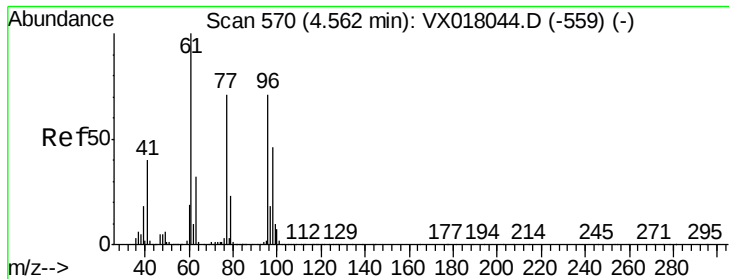
MMDadoda  
9/17/2020 11:26:57 AM



#26  
2,2-Dichloropropane  
Concen: 24.071 ug/l  
RT: 4.56 min Scan# 569  
Delta R.T. 0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Tgt Ion: 77 Resp: 144482  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.5 34.5





#27

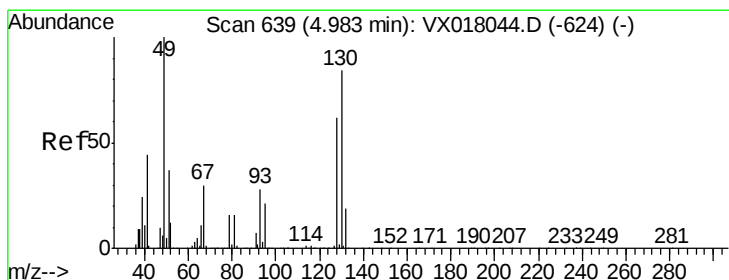
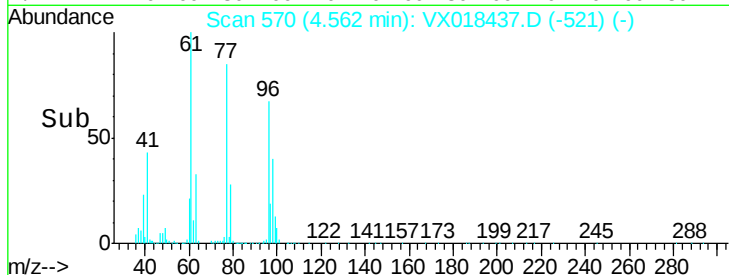
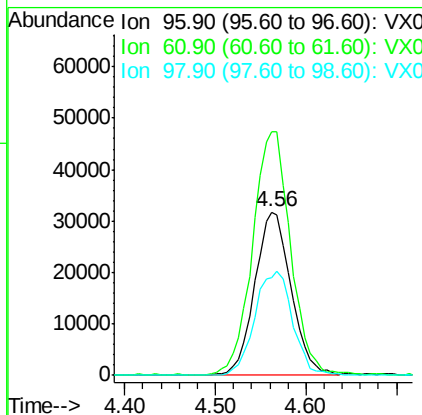
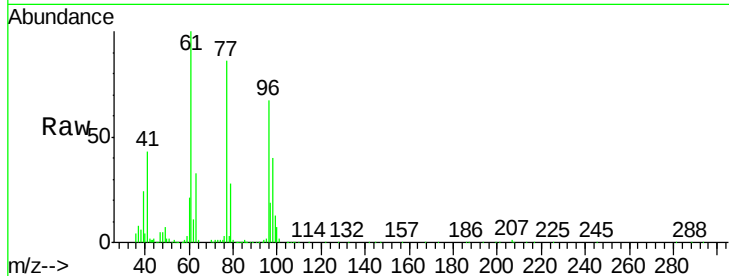
cis-1,2-Dichloroethene  
Concen: 18.860 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 155.8 | 0.0  | 296.6 |       |
| 98      | 66.4  | 0.0  | 130.2 |       |

Manual Integrations  
APPROVED

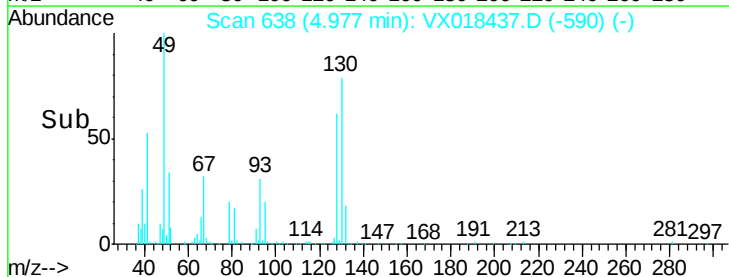
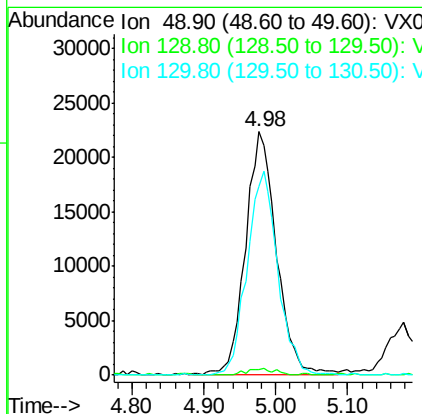
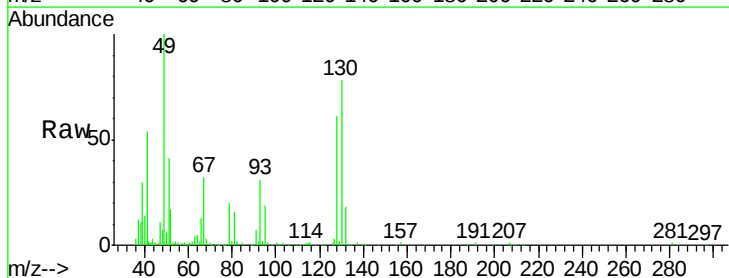
MMDadoda  
9/17/2020 11:26:57 AM



#28

Bromochloromethane  
Concen: 18.814 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.5   | 0.0  | 4.6   |       |
| 130     | 82.3  | 64.6 | 96.8  |       |





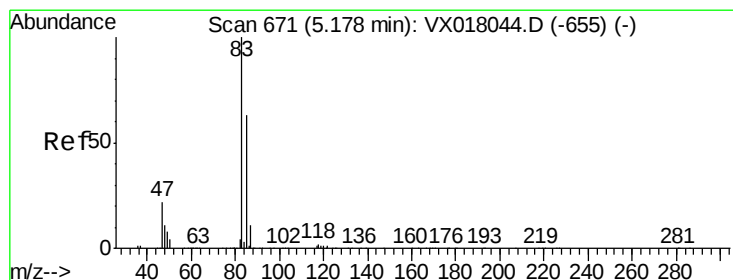
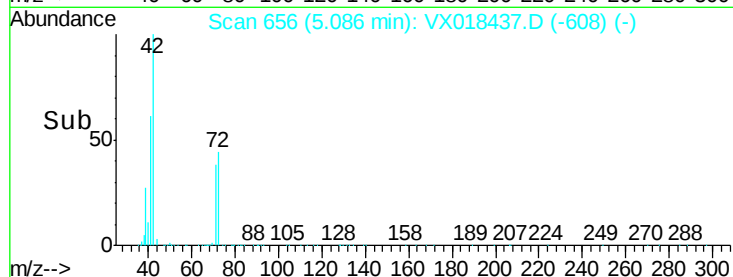
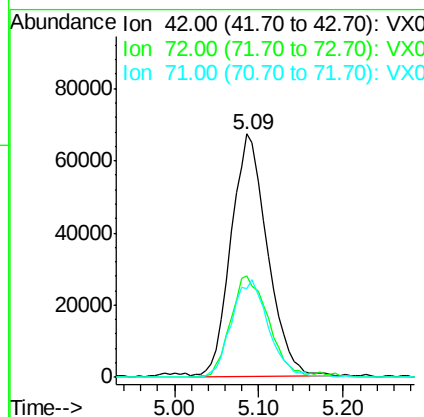
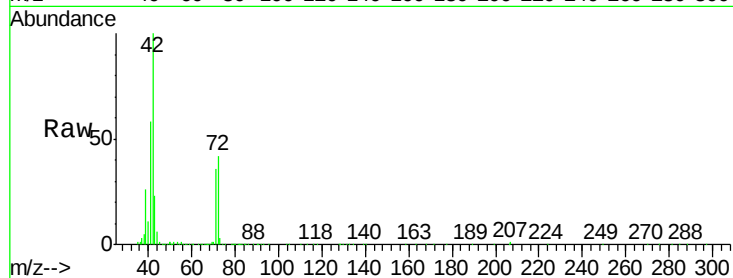
#29  
Tetrahydrofuran  
Concen: 93.307 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 34.2  | 51.4  |
| 71      | 41.0  | 32.1  | 48.1  |

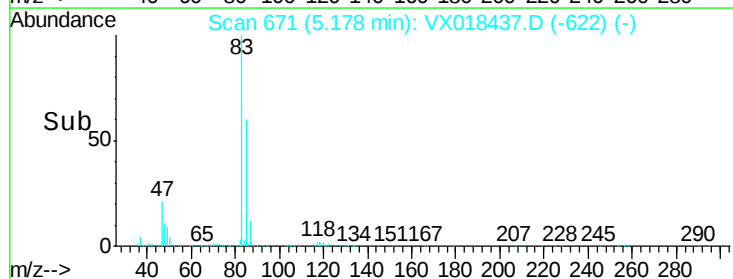
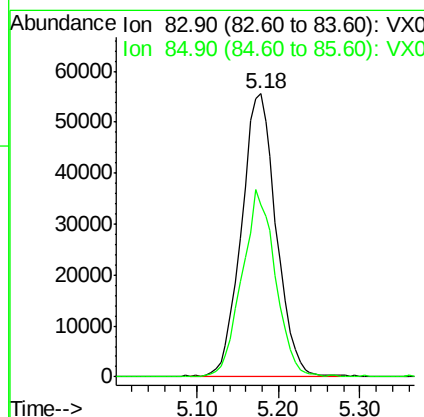
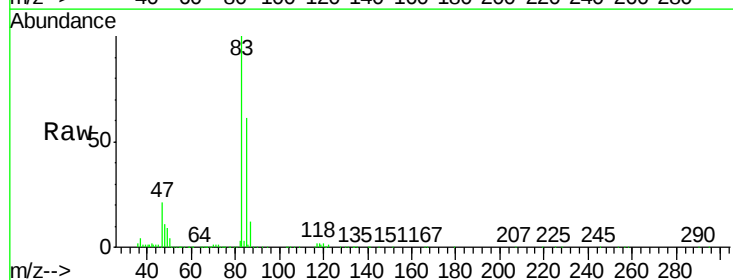
Manual Integrations  
APPROVED

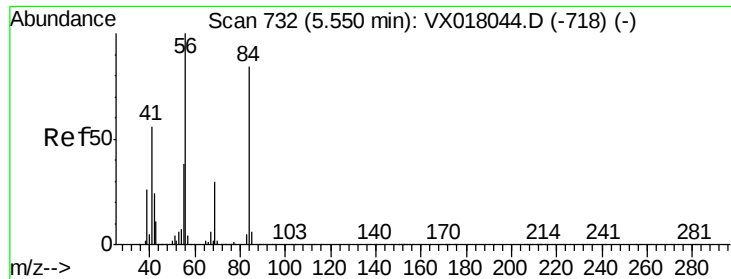
MMDadoda  
9/17/2020 11:26:57 AM



#30  
Chloroform  
Concen: 21.480 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.9  | 50.7  | 76.1  |





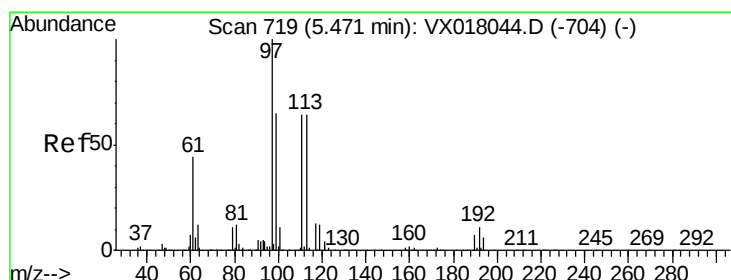
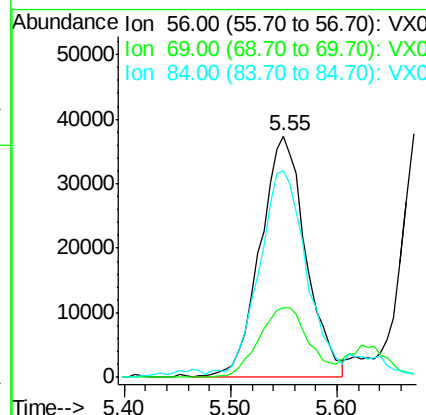
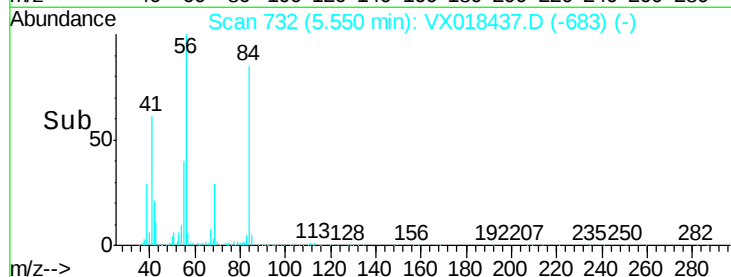
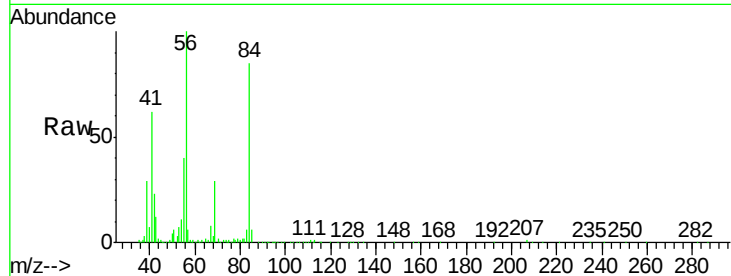
#31  
Cyclohexane  
Concen: 17.900 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.0  | 23.9  | 35.9  |
| 84      | 82.1  | 67.0  | 100.4 |

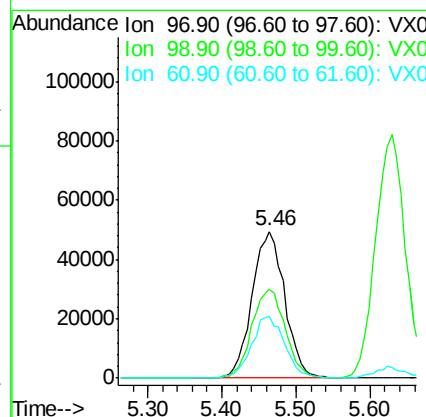
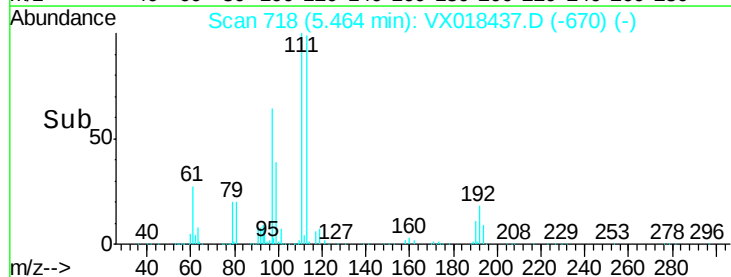
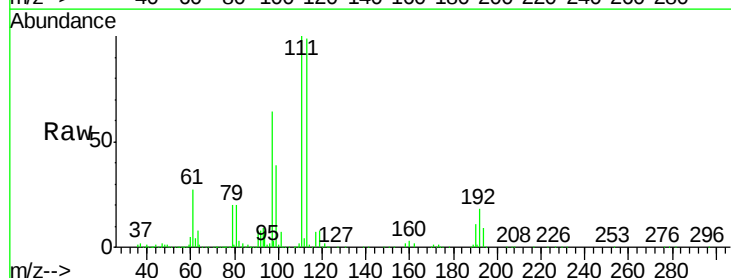
Manual Integrations  
APPROVED

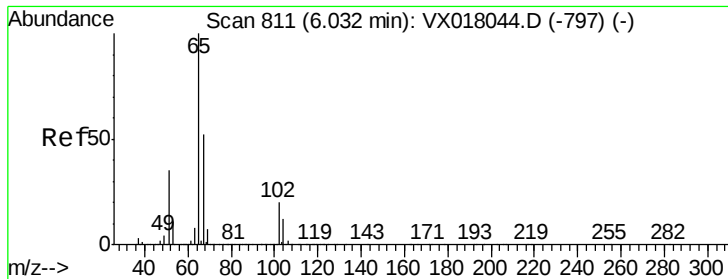
MMDadoda  
9/17/2020 11:26:57 AM



#32  
1,1,1-Trichloroethane  
Concen: 21.687 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.6  | 51.4  | 77.0  |
| 61      | 42.8  | 34.2  | 51.4  |





#33

1,2-Dichloroethane-d4

Concen: 55.836 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 65 Resp: 289883

Ion Ratio Lower Upper

65 100

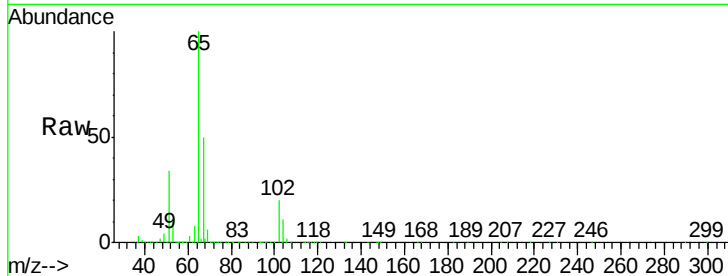
67 49.9 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

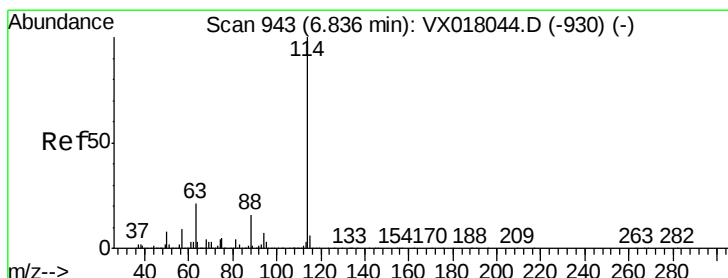
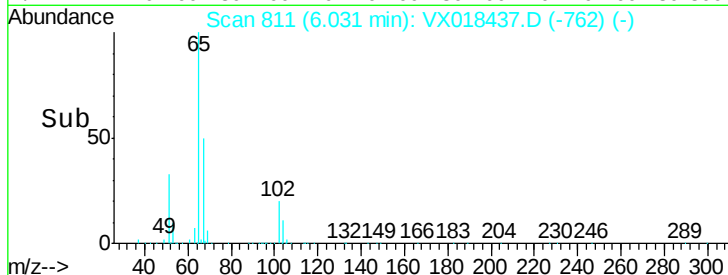
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

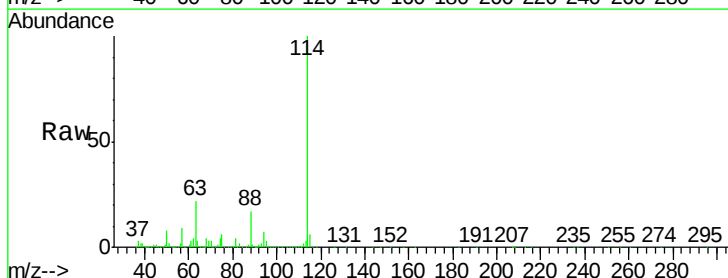
Tgt Ion: 114 Resp: 580243

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

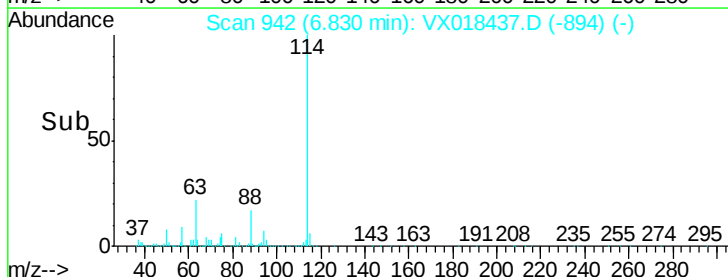
300000

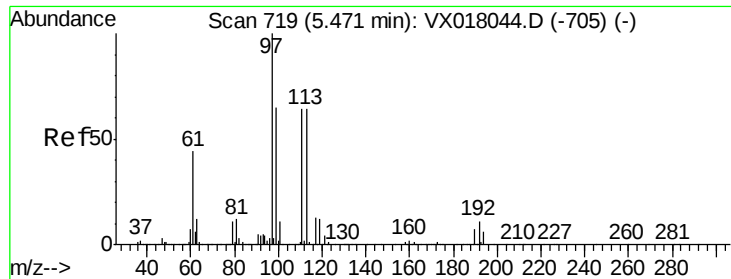
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 56.336 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

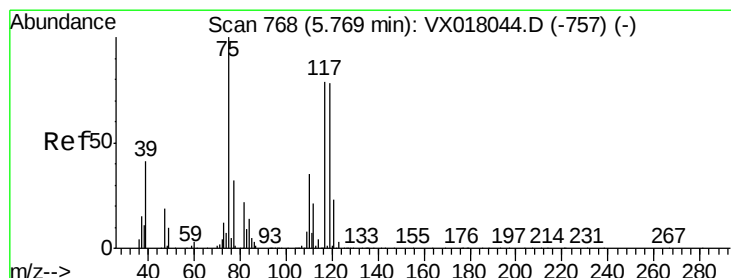
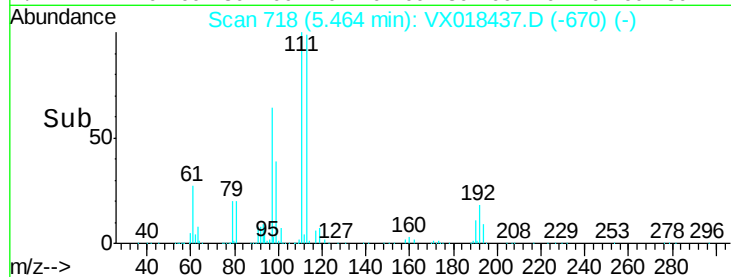
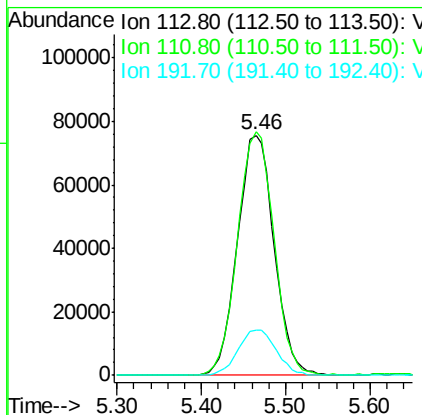
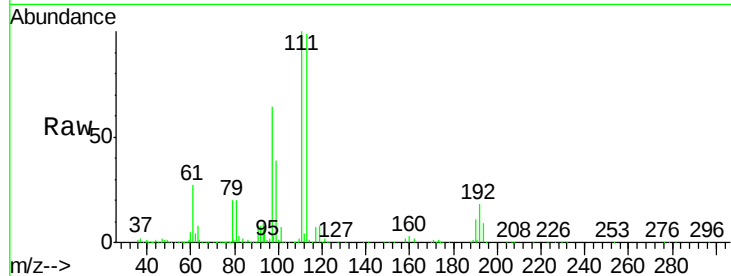
ClientSampleId :

VX0916MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 222626 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.1 | 81.6  | 122.4  |
| 192       | 19.8  | 15.8  | 23.8   |

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#36

1,1-Dichloropropene

Concen: 20.407 ug/l

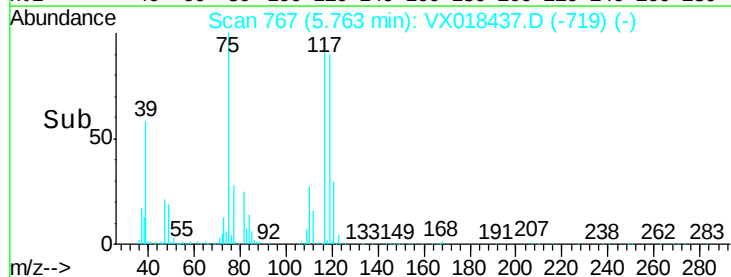
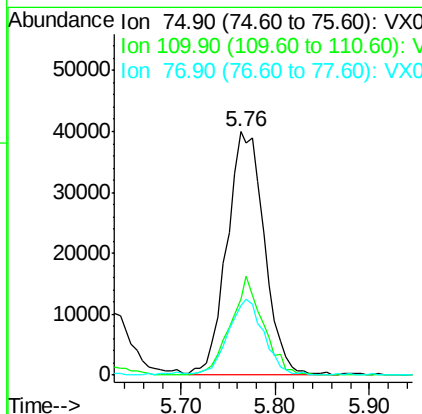
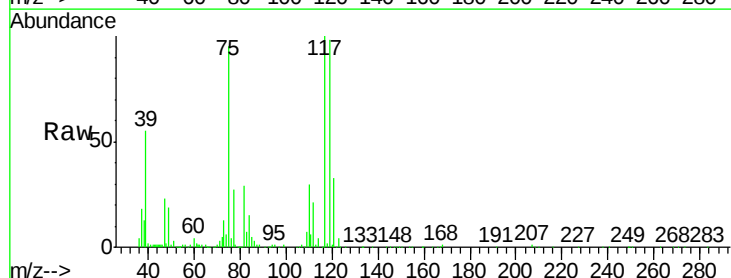
RT: 5.76 min Scan# 767

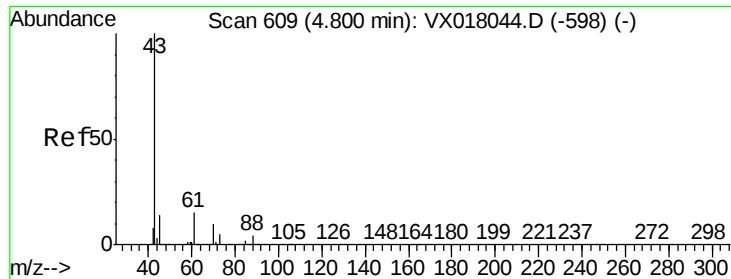
Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 109216 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.7  | 18.0  | 54.0   |
| 77        | 28.6  | 24.4  | 36.6   |





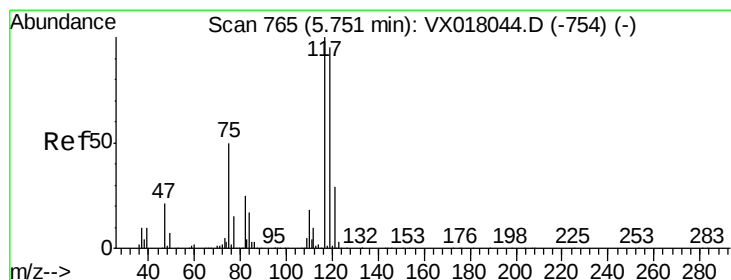
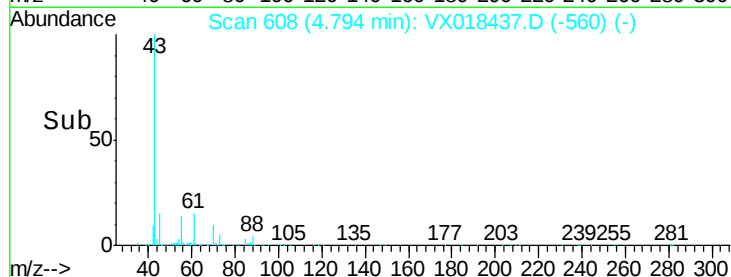
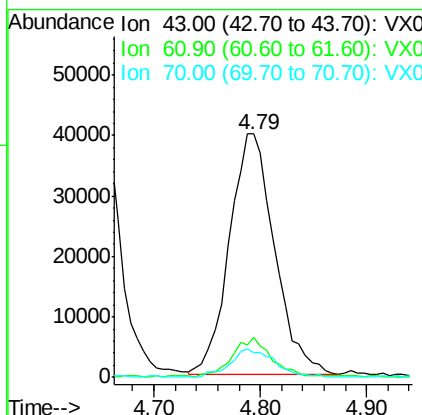
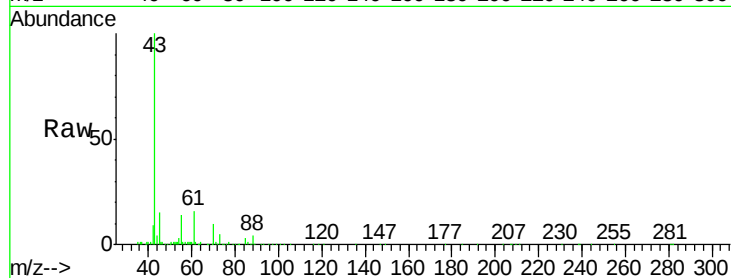
#37  
Ethyl Acetate  
Concen: 18.999 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.3  | 11.3  | 16.9  |
| 70      | 11.9  | 8.2   | 12.4  |

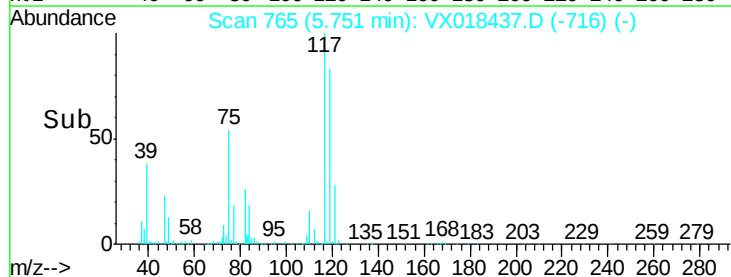
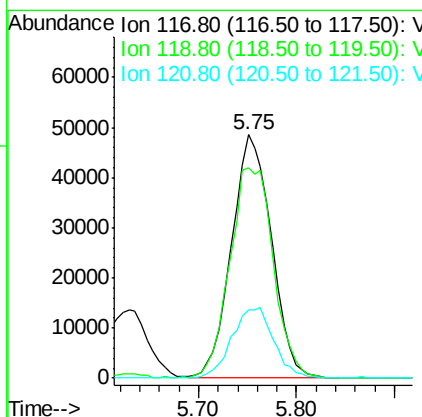
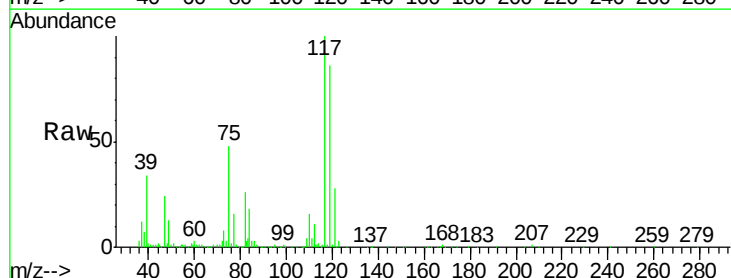
Manual Integrations  
APPROVED

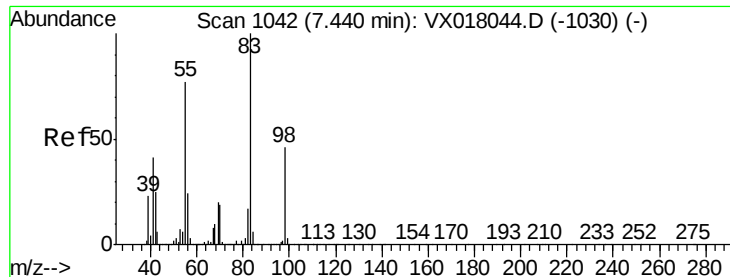
MMDadoda  
9/17/2020 11:26:57 AM



#38  
Carbon Tetrachloride  
Concen: 22.775 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 86.4  | 75.8  | 113.6 |
| 121     | 27.7  | 23.4  | 35.0  |





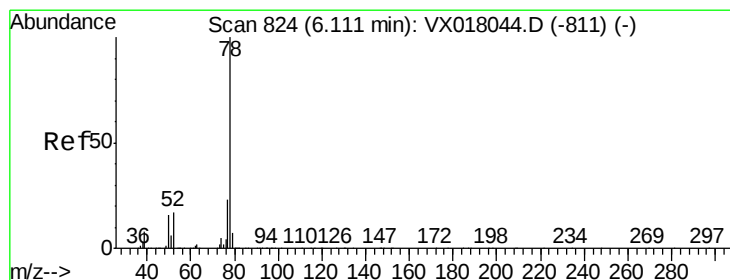
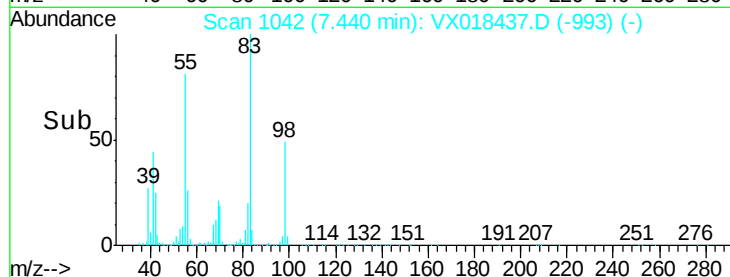
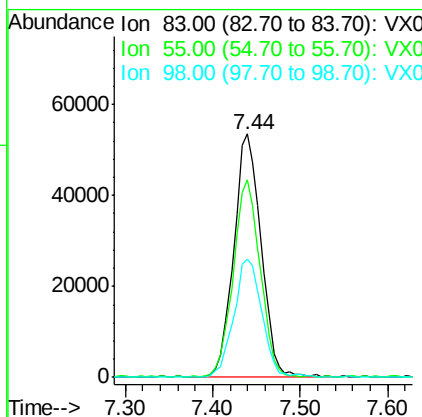
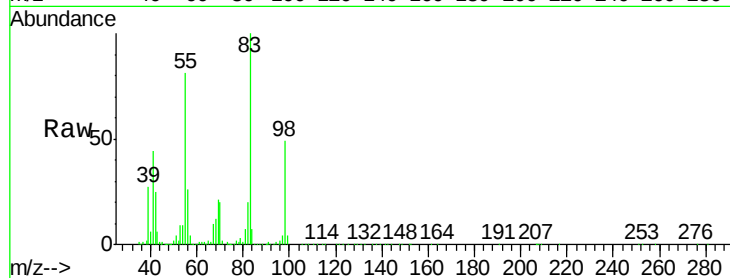
#39  
Methvlcvclohexane  
Concen: 19.834 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 116073 |       |       |
| 55      | 81.1  | 61.8   | 92.6  |       |
| 98      | 48.8  | 36.6   | 55.0  |       |

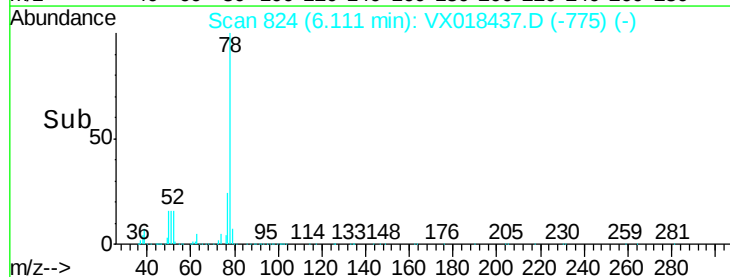
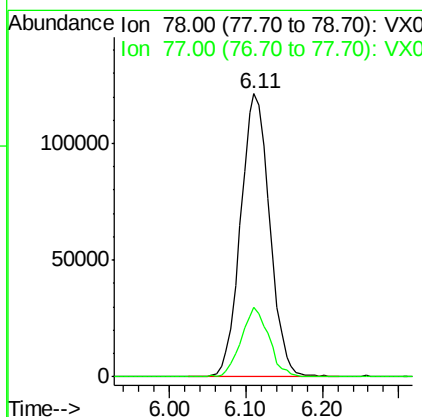
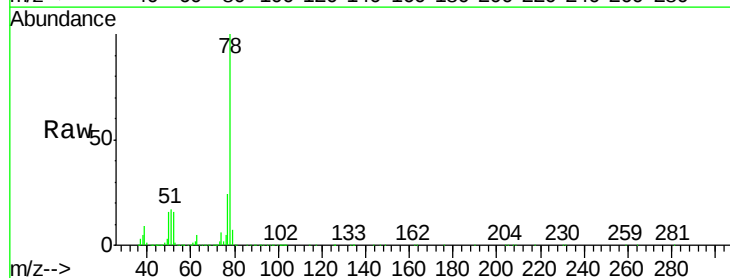
Manual Integrations  
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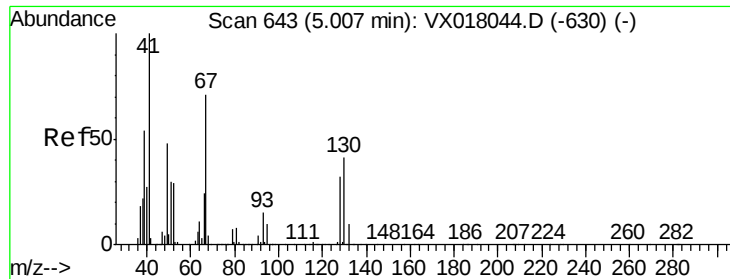
MMDadoda  
9/17/2020 11:26:57 AM



#40  
Benzene  
Concen: 20.367 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 320291 |       |       |
| 77      | 24.3  | 18.2   | 27.2  |       |





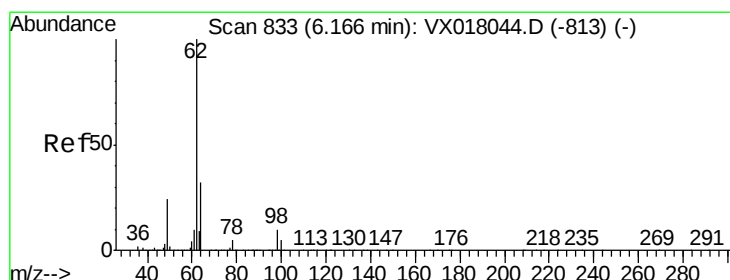
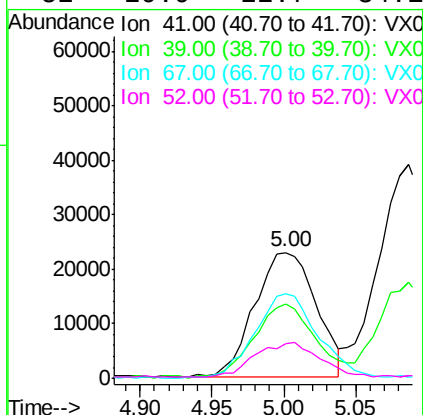
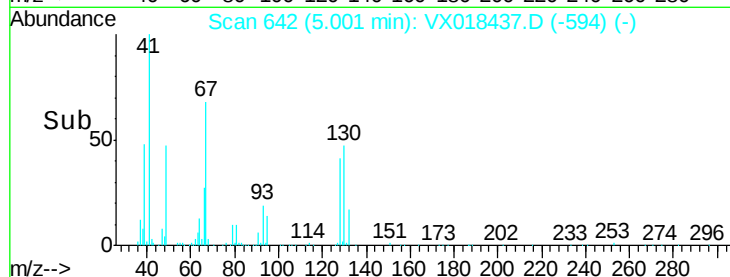
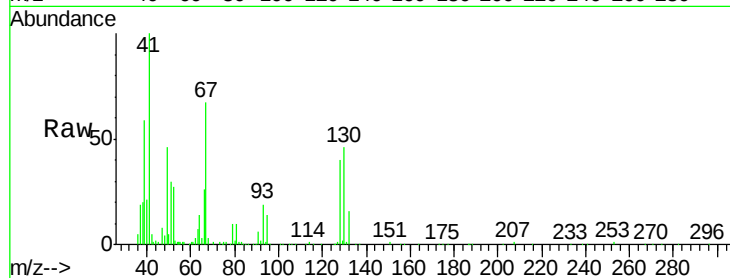
#41  
Methacrylonitrile  
Concen: 19.892 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 60.0 | 43.1  | 64.7  |       |
| 67      | 68.6 | 56.0  | 84.0  |       |
| 52      | 29.9 | 22.7  | 34.1  |       |

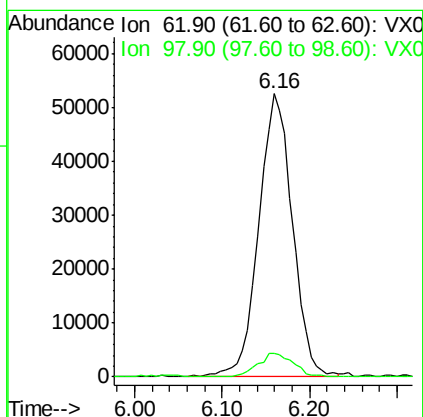
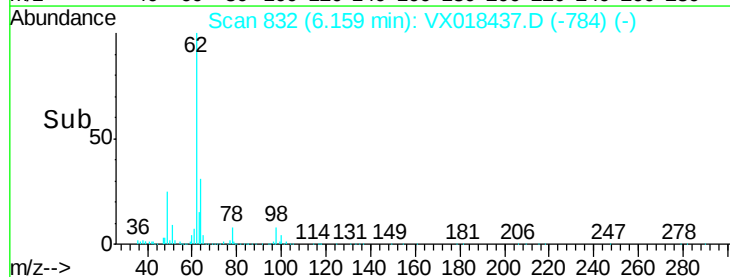
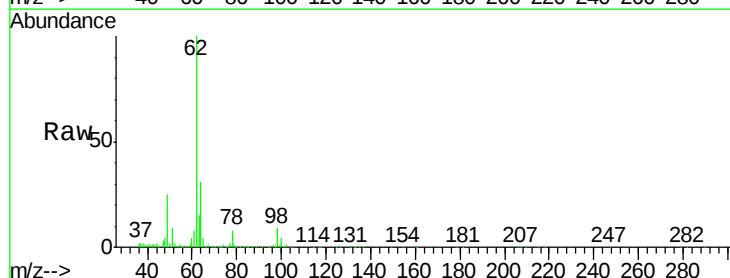
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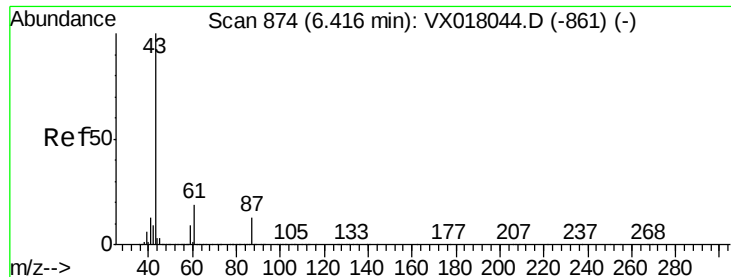
MMDadoda  
9/17/2020 11:26:57 AM



#42  
1,2-Dichloroethane  
Concen: 23.091 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.1 | 0.0   | 18.2  |       |





#43

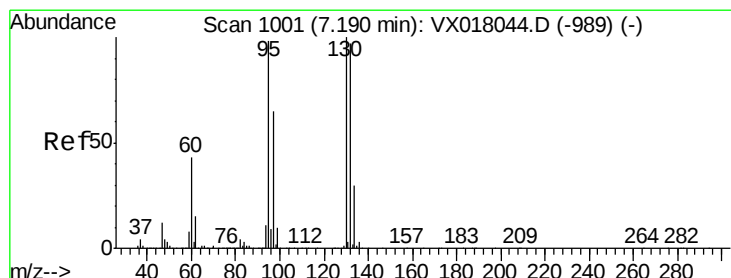
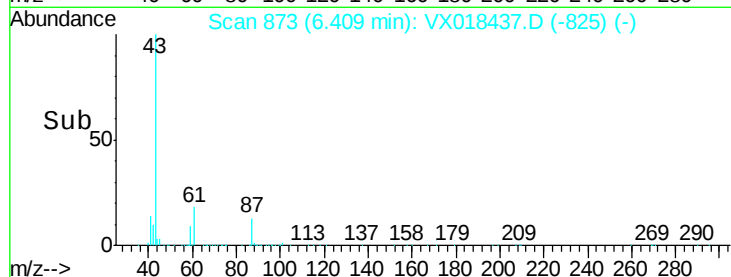
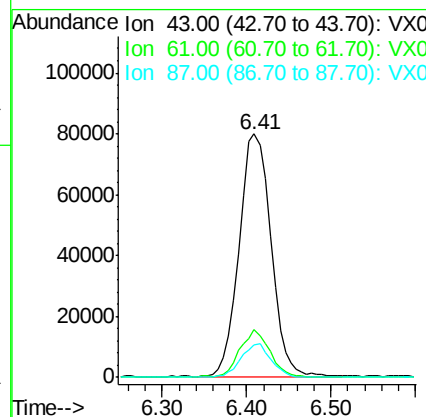
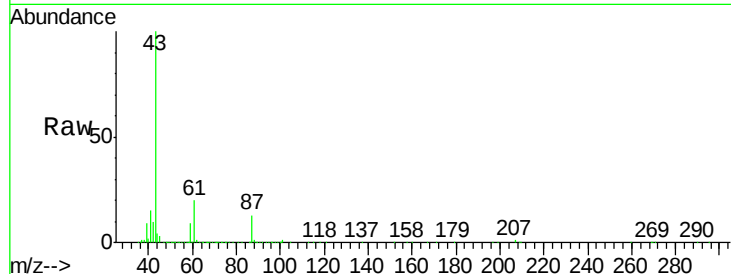
Isopropyl Acetate  
 Concen: 20.333 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.4  | 15.7  | 23.5  |
| 87      | 13.1  | 10.3  | 15.5  |

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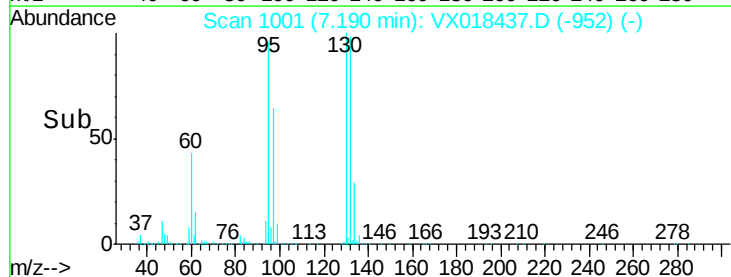
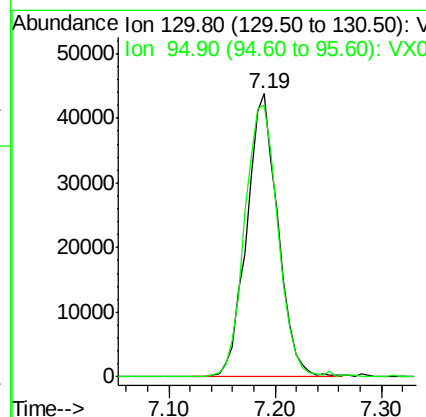
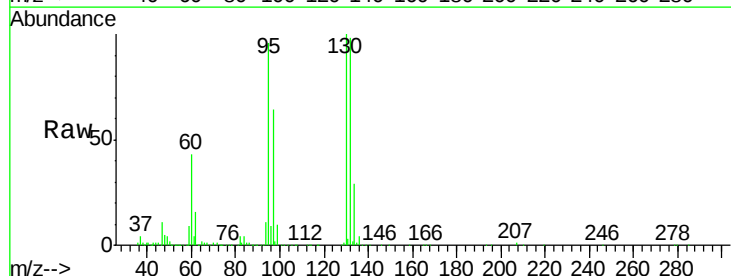
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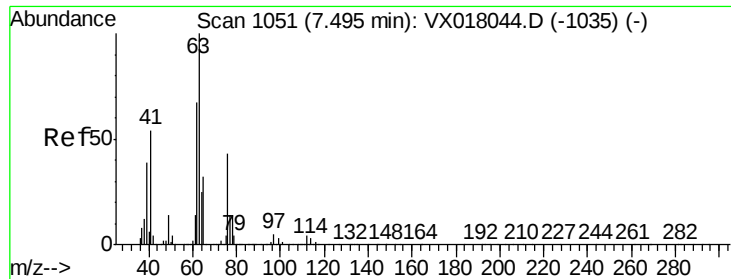


#44

Trichloroethene  
 Concen: 20.275 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.7  | 0.0   | 196.4 |





#45

1,2-Dichloropropane

Concen: 20.695 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBS01

Tot Ion: 63 Resp: 87713

Ion Ratio Lower Upper

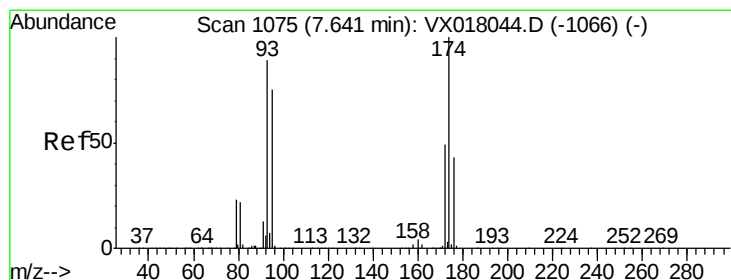
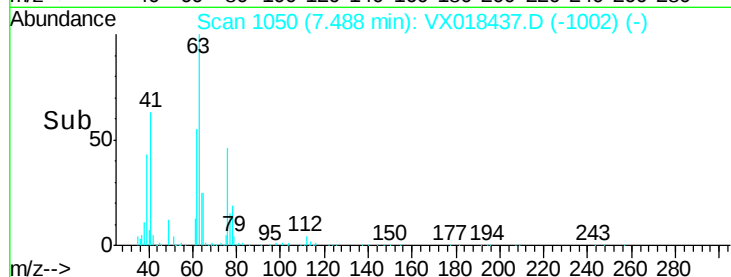
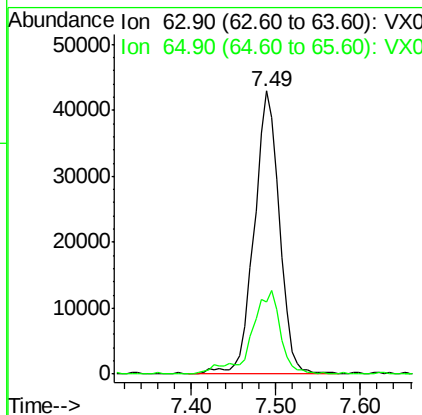
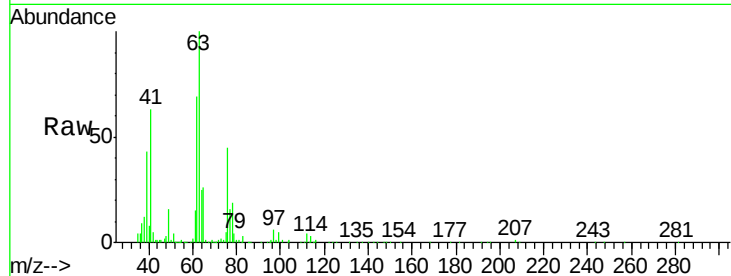
63 100

65 25.6 25.7 38.5#

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#46

Dibromomethane

Concen: 21.112 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

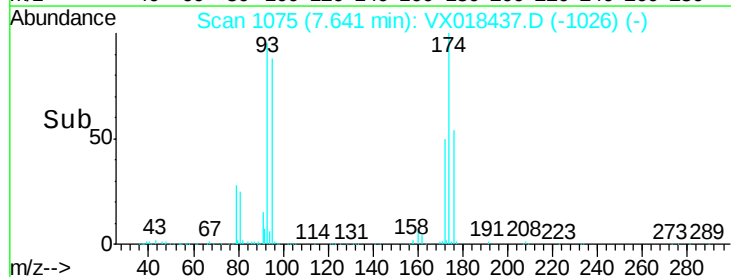
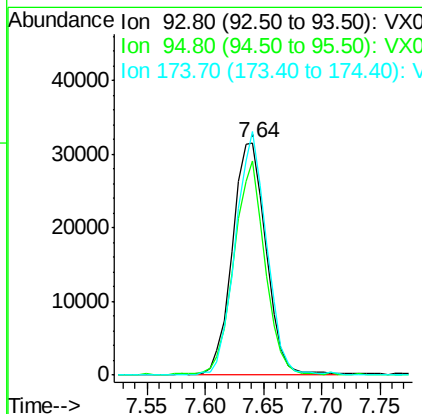
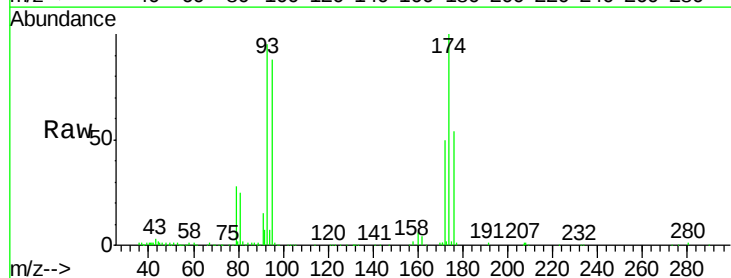
Tgt Ion: 93 Resp: 62924

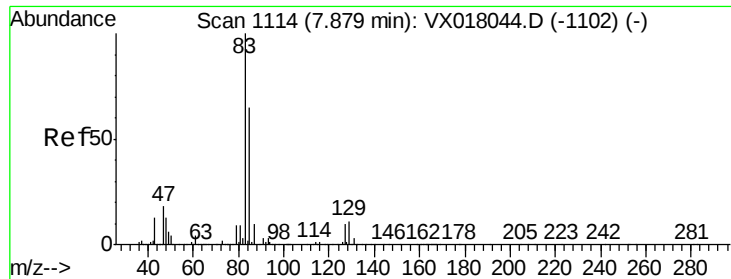
Ion Ratio Lower Upper

93 100

95 86.2 67.3 100.9

174 97.8 82.2 123.2





#47

Bromodichloromethane

Concen: 22.305 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

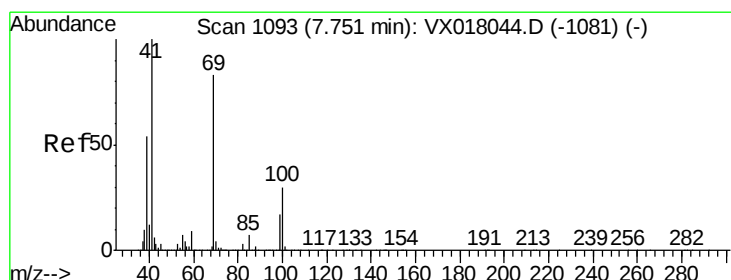
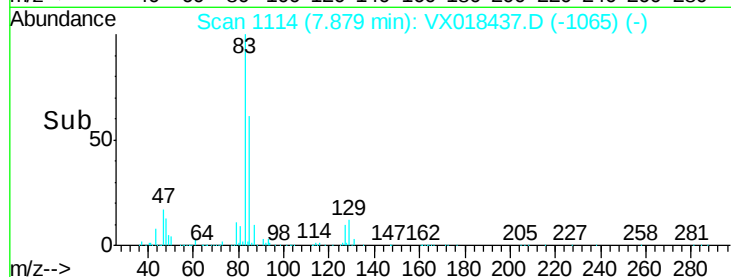
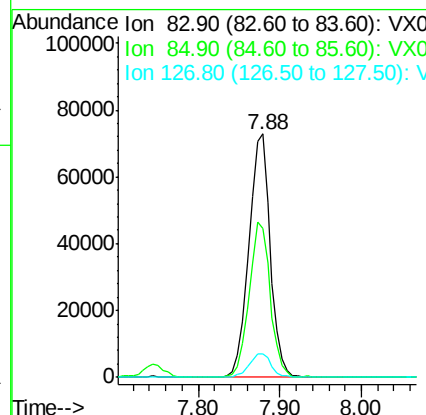
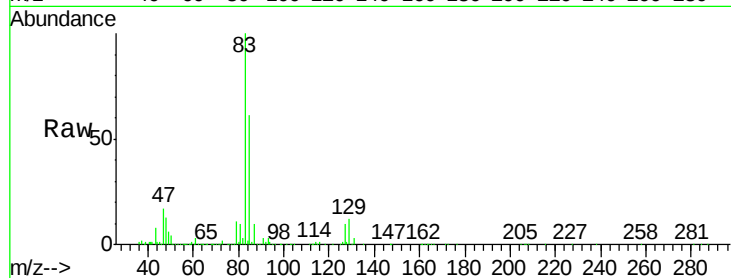
ClientSampleId :

VX0916MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 132743 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.2  | 51.8  | 77.6   |
| 127      | 9.5   | 7.7   | 11.5   |

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#48

Methyl methacrylate

Concen: 20.439 ug/l

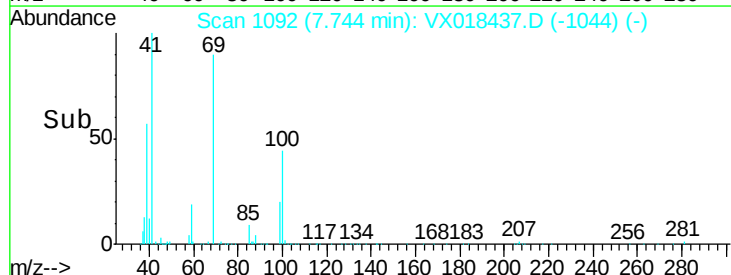
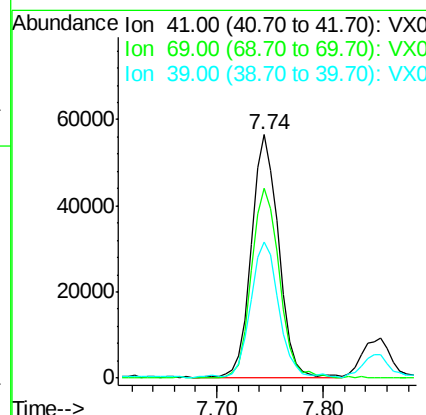
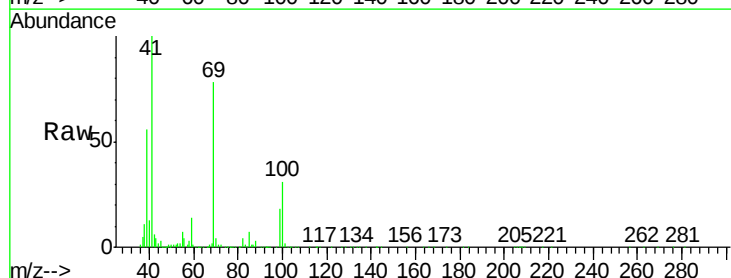
RT: 7.74 min Scan# 1092

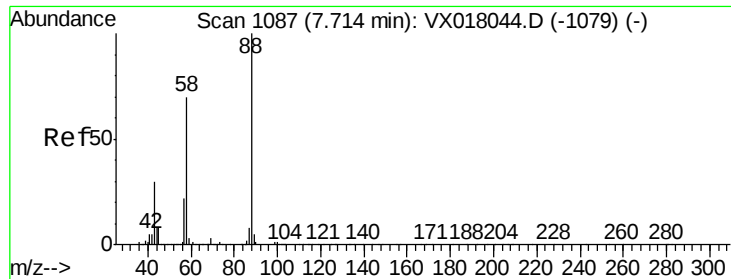
Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 102151 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 79.5  | 65.5  | 98.3   |
| 39       | 56.3  | 44.5  | 66.7   |





#49

1,4-Dioxane

Concen: 274.488 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

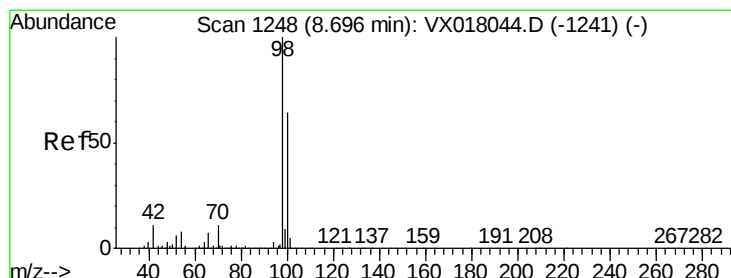
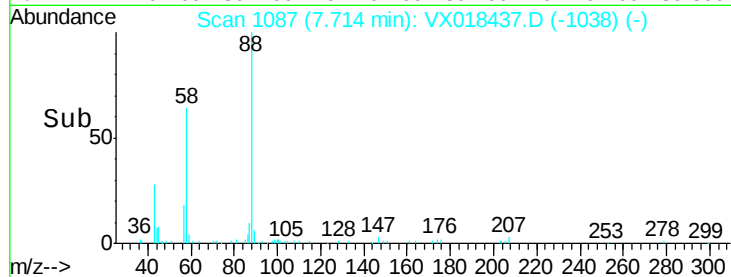
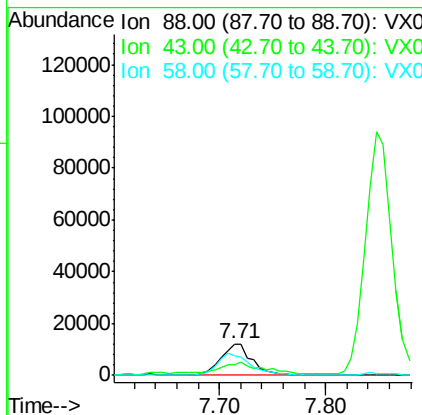
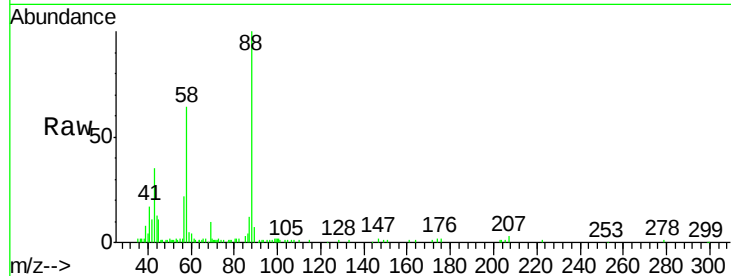
ClientSampleId :

VX0916MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 24850 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 50.5  | 27.4  | 41.0# |
| 58       | 75.7  | 56.4  | 84.6  |

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#50

Toluene-d8

Concen: 51.547 ug/l

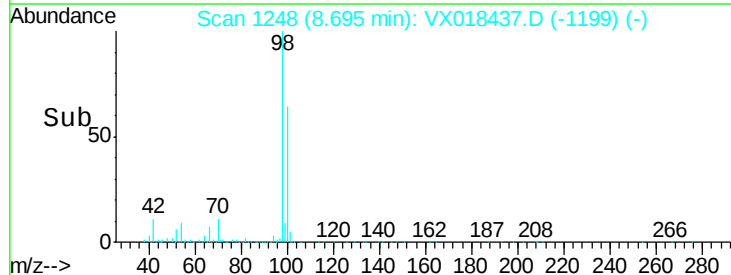
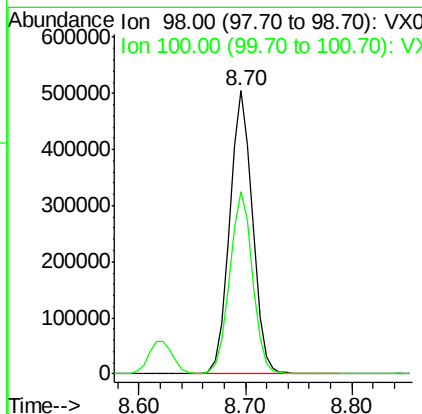
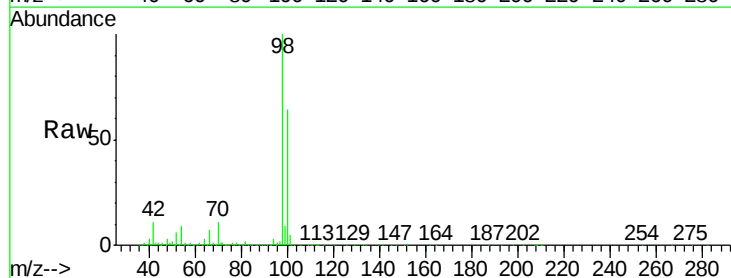
RT: 8.70 min Scan# 1248

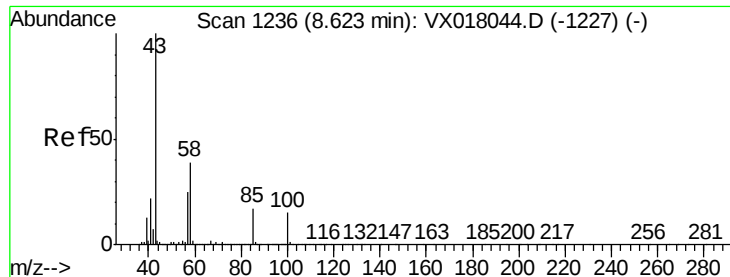
Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 758698 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.8  | 52.2  | 78.4   |





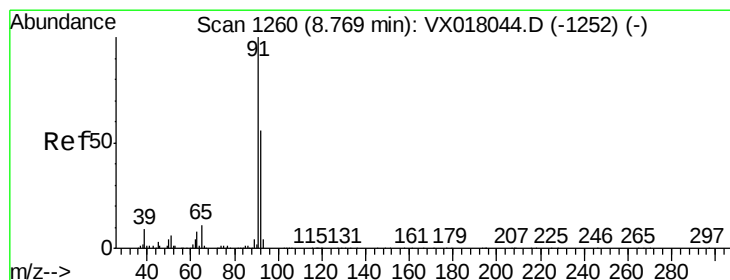
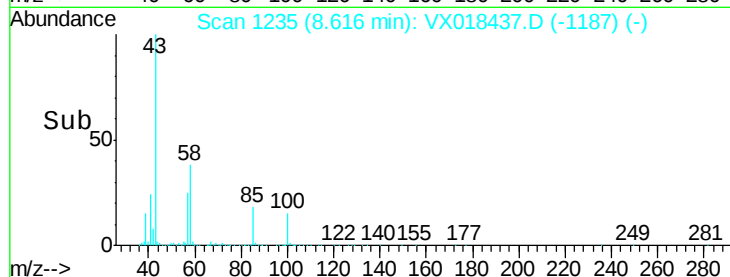
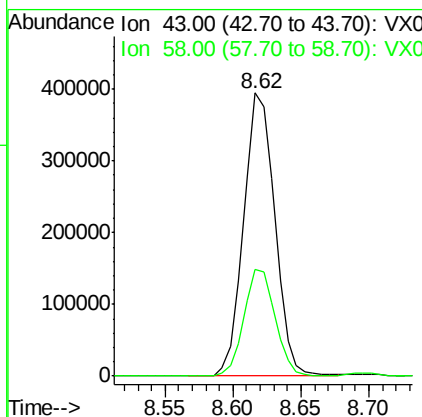
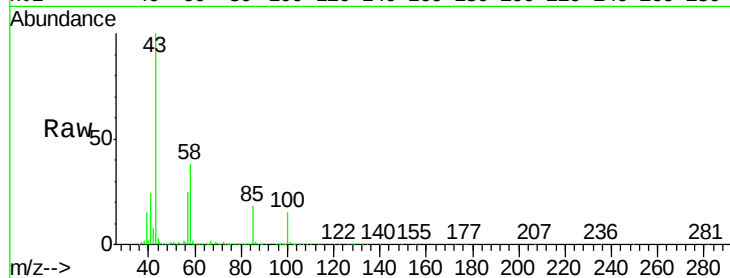
#51  
4-Methyl-2-Pentanone  
Concen: 101.404 ug/l  
RT: 8.62 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion   | 43 | Resp | 628873 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 37.8 | 30.7   |
| Upper     |    |      | 46.1   |

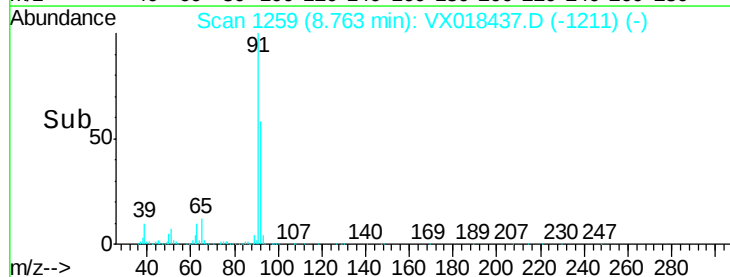
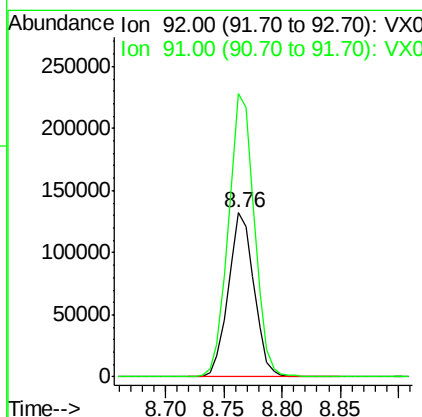
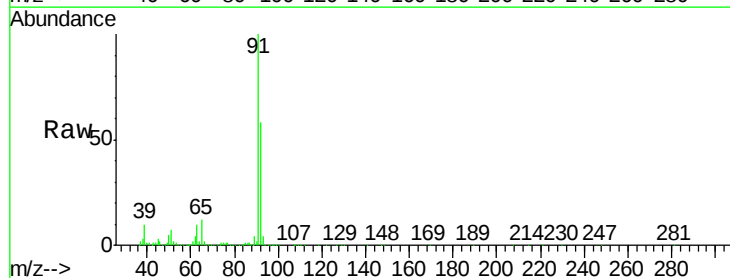
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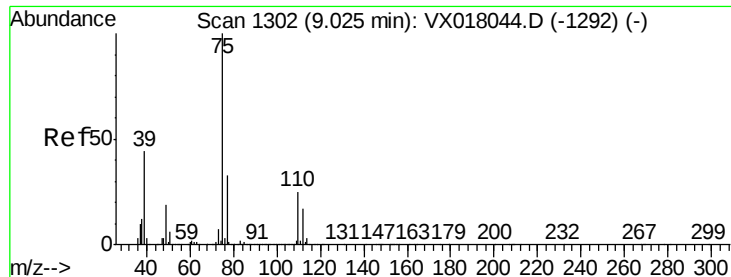
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#52  
Toluene  
Concen: 20.387 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion   | 92 | Resp  | 203294 |
|-----------|----|-------|--------|
| Ion Ratio | 92 | 100   |        |
| Lower     | 91 | 173.7 | 140.3  |
| Upper     |    |       | 210.5  |





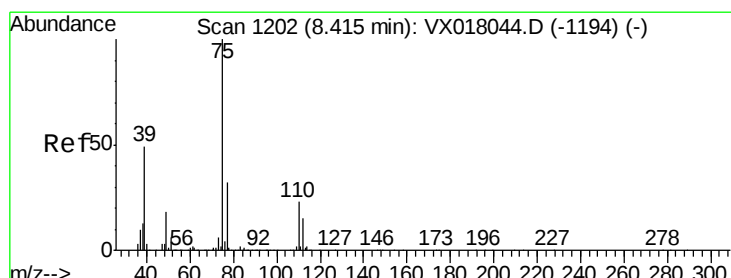
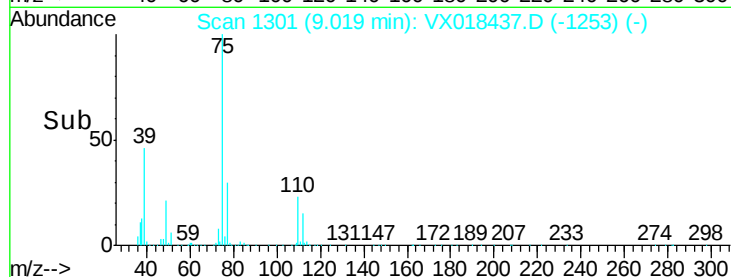
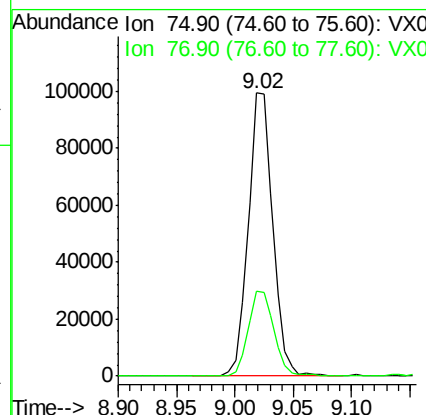
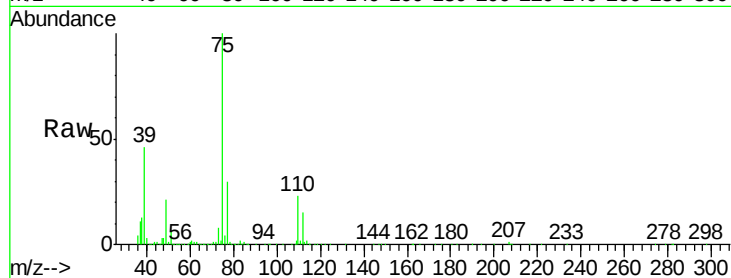
#53  
t-1,3-Dichloropropene  
Concen: 22.221 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.7  | 26.6  | 39.8  |

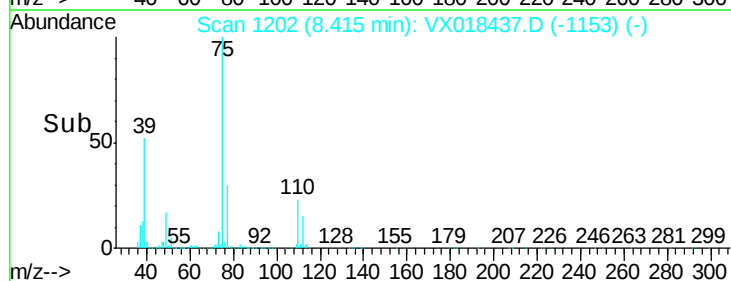
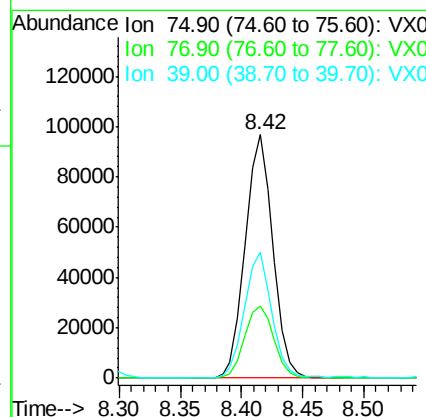
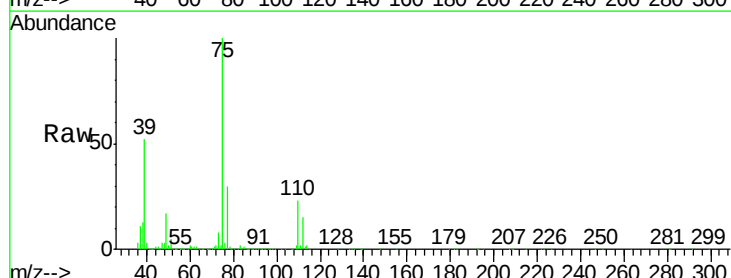
Manual Integrations  
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9/17/2020 11:26:57 AM



#54  
cis-1,3-Dichloropropene  
Concen: 21.796 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.7  | 25.8  | 38.8  |
| 39      | 51.2  | 38.8  | 58.2  |





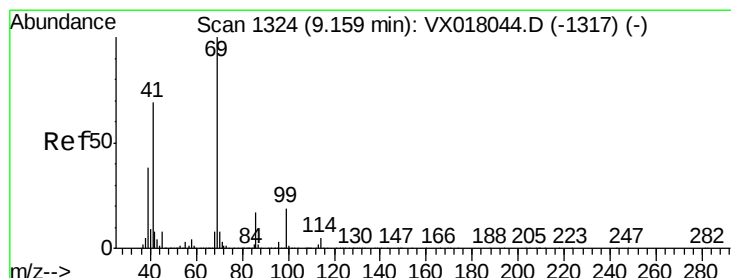
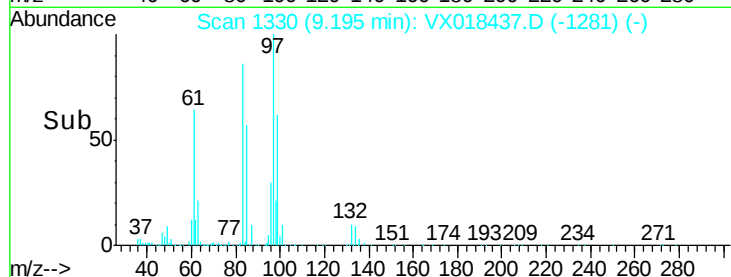
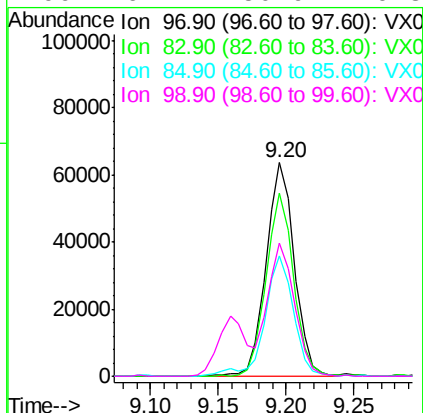
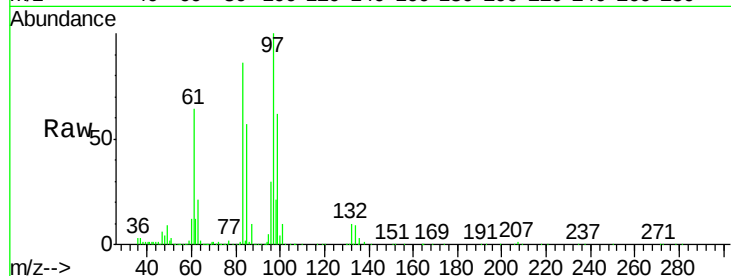
#55  
 1,1,2-Trichloroethane  
 Concen: 21.755 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 92523 |       |       |
| 83      | 85.7 | 67.8  | 101.6 |       |       |
| 85      | 56.6 | 45.3  | 67.9  |       |       |
| 99      | 62.2 | 50.9  | 76.3  |       |       |

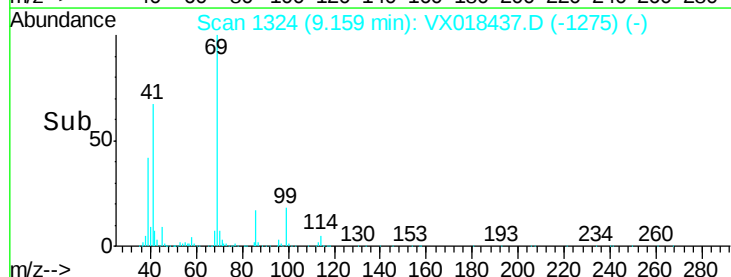
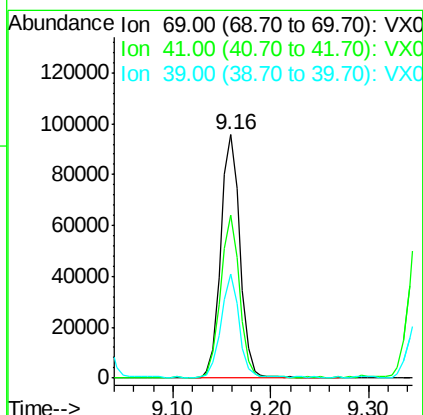
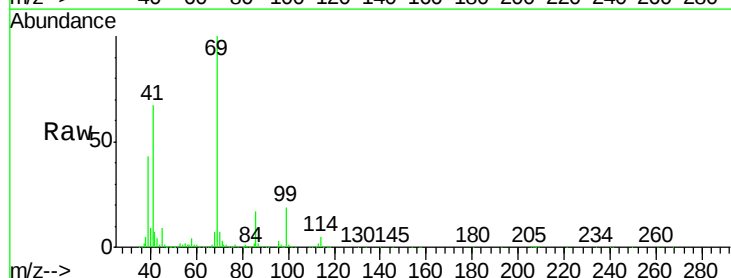
Manual Integrations  
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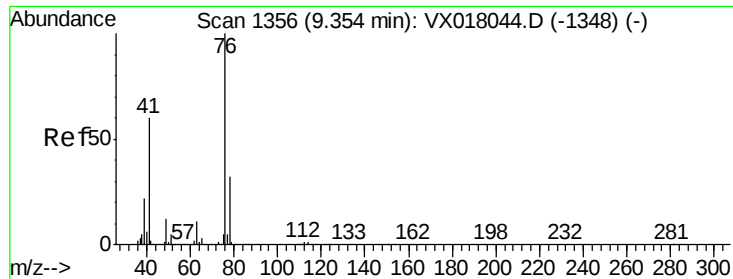
MMDadoda  
 9/17/2020 11:26:57 AM



#56  
 Ethyl methacrylate  
 Concen: 20.767 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 131294 |       |       |
| 41      | 65.7 | 54.6  | 81.8   |       |       |
| 39      | 40.1 | 29.1  | 43.7   |       |       |





#57

1,3-Dichloropropane

Concen: 21.371 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 76 Resp: 149906

Ion Ratio Lower Upper

76 100

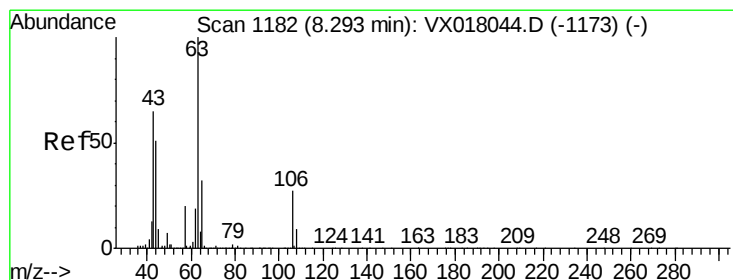
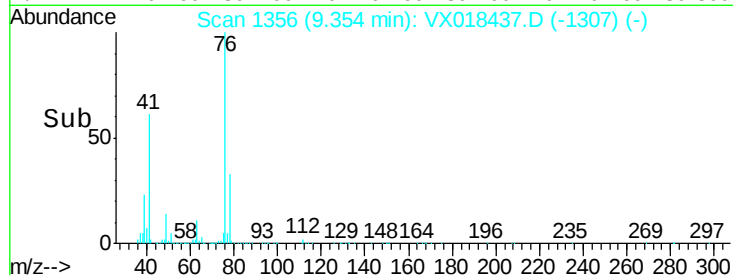
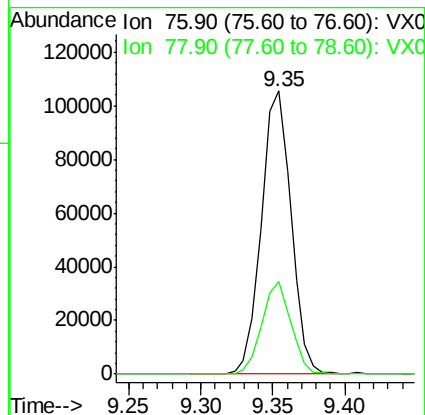
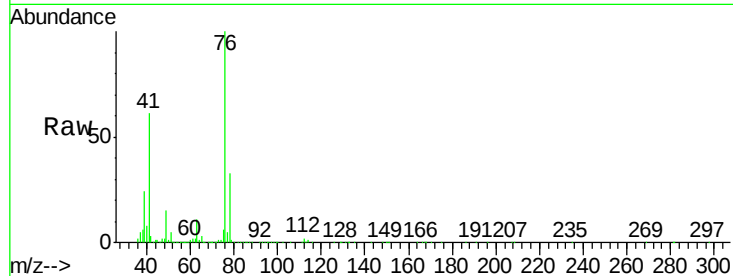
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018437.D

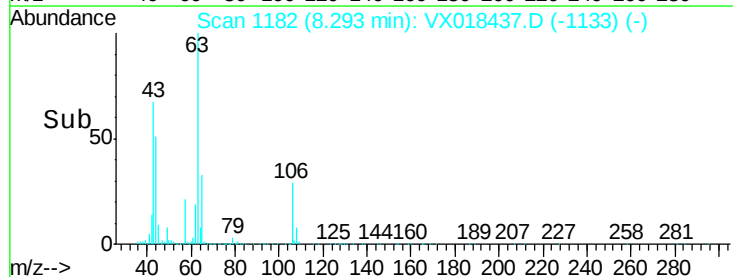
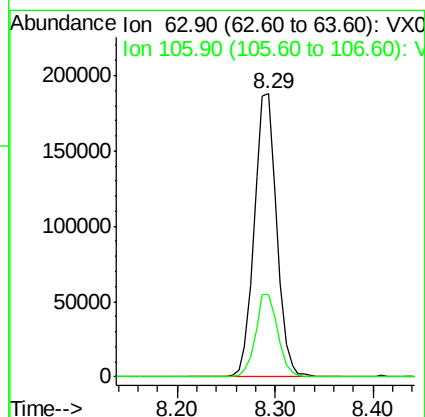
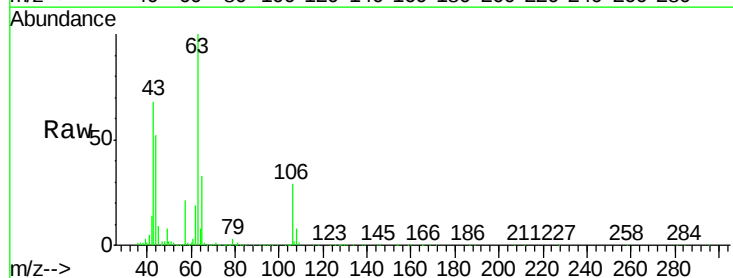
Acq: 16 Sep 2020 14:11

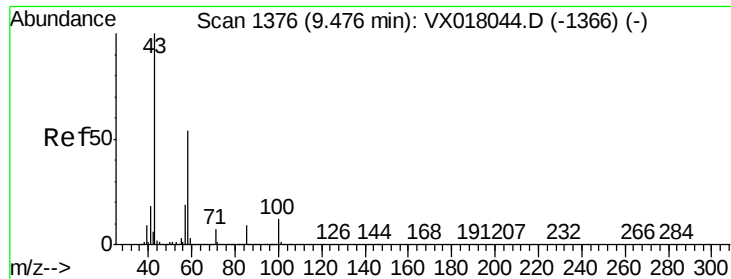
Tgt Ion: 63 Resp: 297463

Ion Ratio Lower Upper

63 100

106 29.1 22.1 33.1





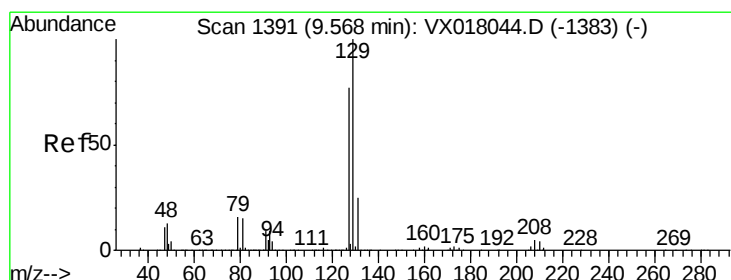
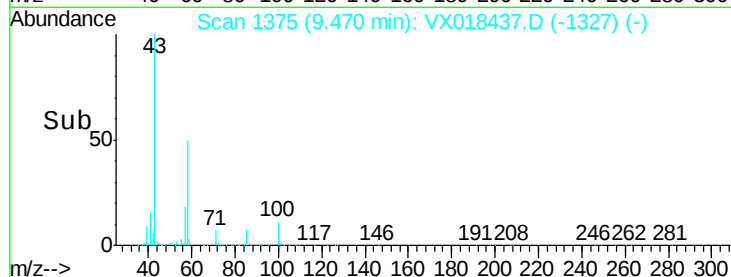
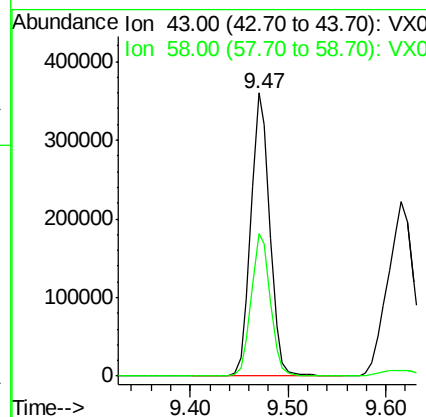
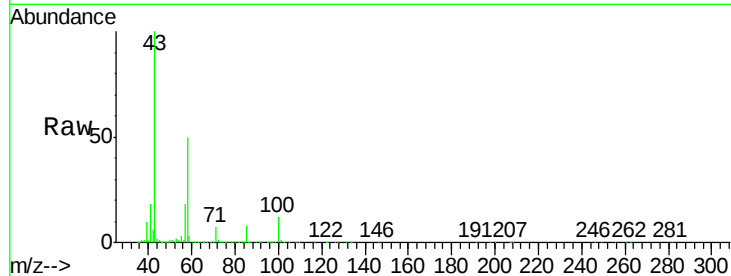
#59  
2-Hexanone  
Concen: 102.166 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

Tot Ion: 43 Resp: 481778  
Ion Ratio Lower Upper  
43 100  
58 50.9 26.6 79.7

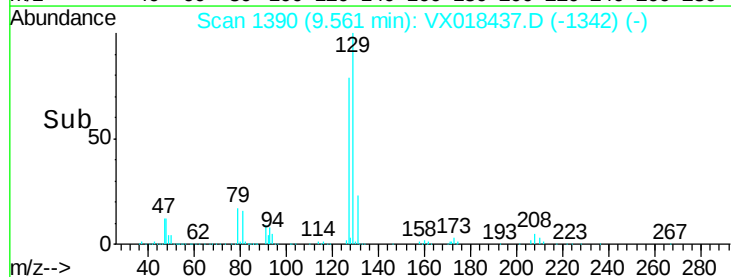
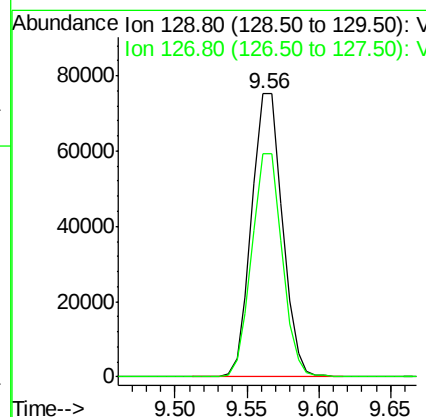
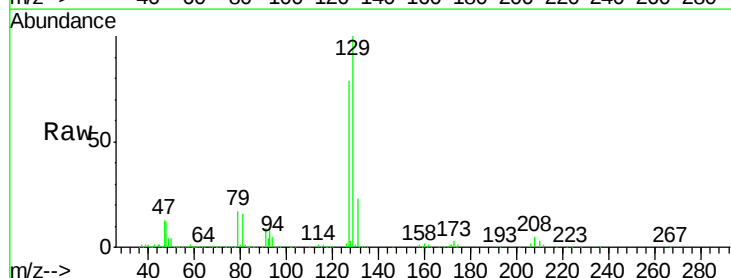
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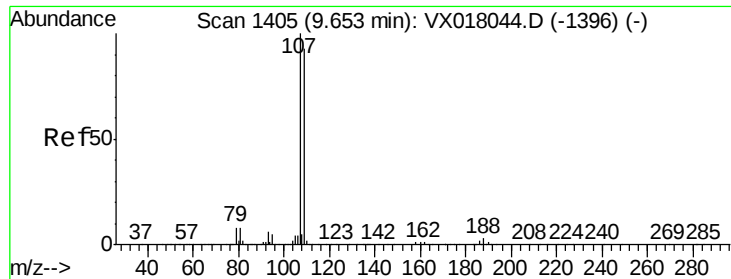
MMDadoda  
9/17/2020 11:26:57 AM



#60  
Dibromochloromethane  
Concen: 22.325 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Tgt Ion: 129 Resp: 111378  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.796 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 107 Resp: 100638

Ion Ratio Lower Upper

107 100

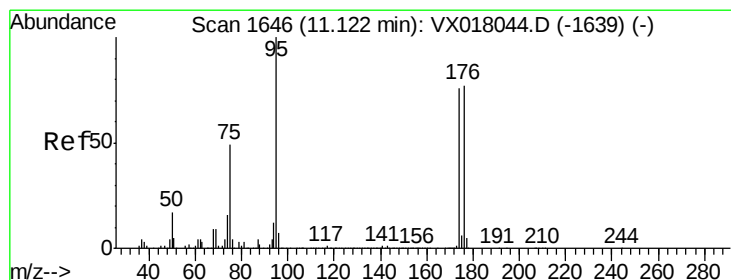
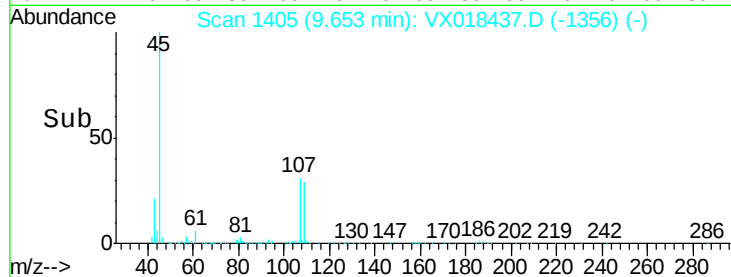
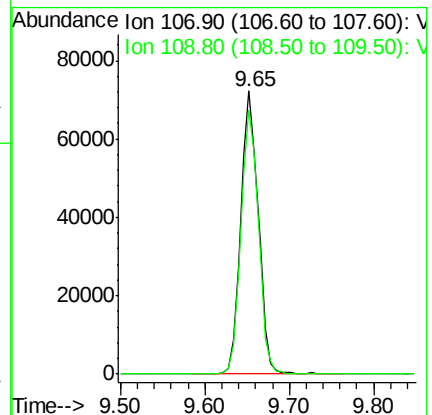
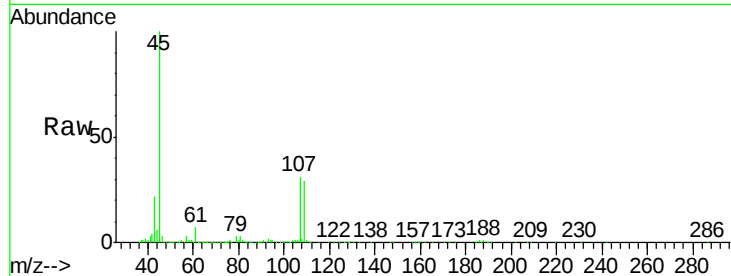
109 93.4 75.9 113.9

Manual Integrations

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MMDadoda

9/17/2020 11:26:57 AM



#62

4-Bromofluorobenzene

Concen: 53.036 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

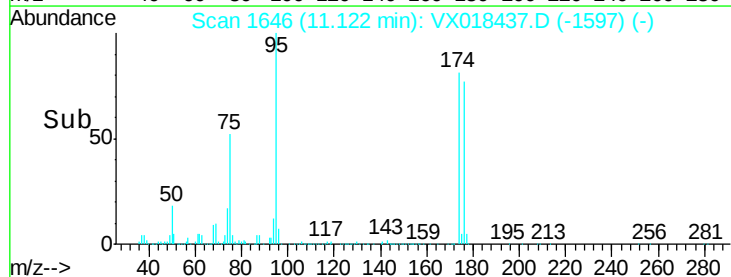
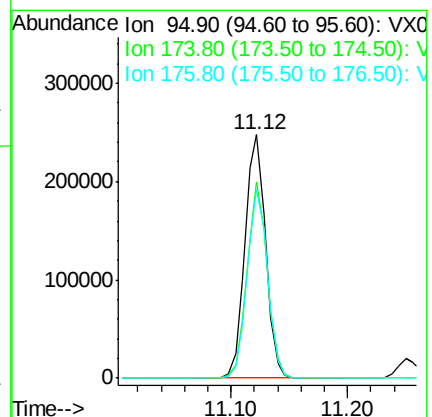
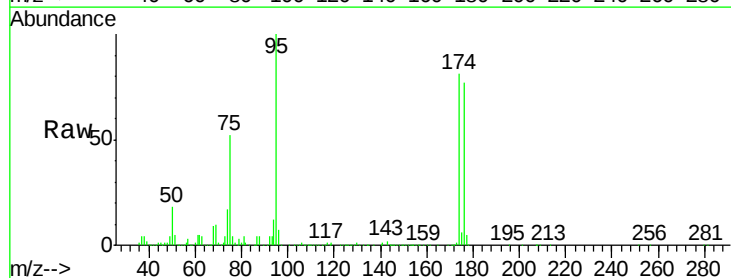
Tgt Ion: 95 Resp: 307122

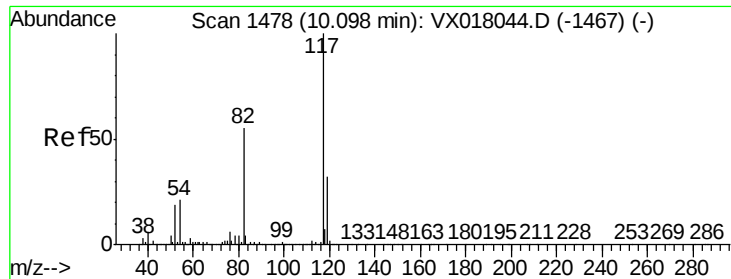
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.2

176 76.7 0.0 155.8





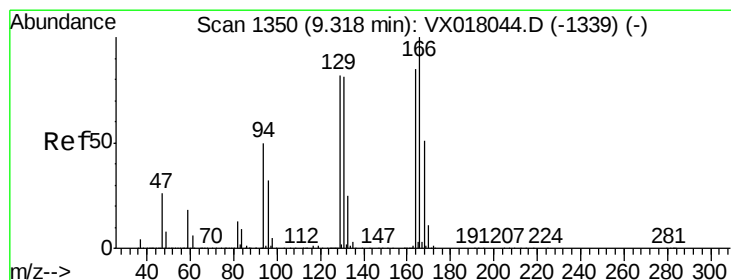
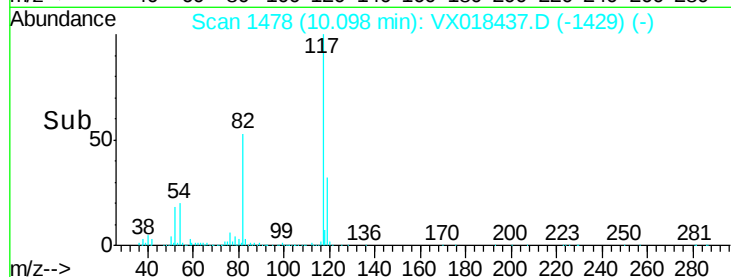
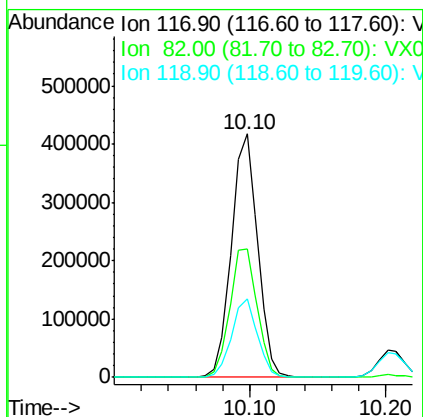
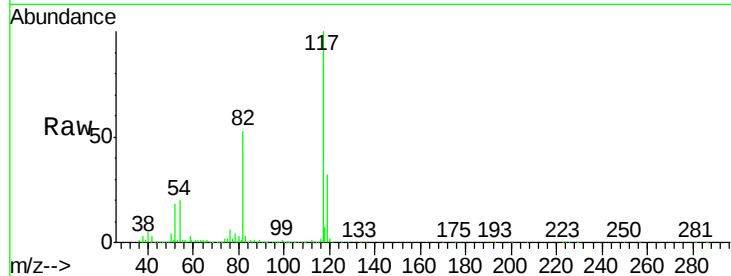
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 559712 |       |       |
| 82      | 53.0  |        | 44.2  | 66.2  |
| 119     | 32.2  |        | 25.7  | 38.5  |

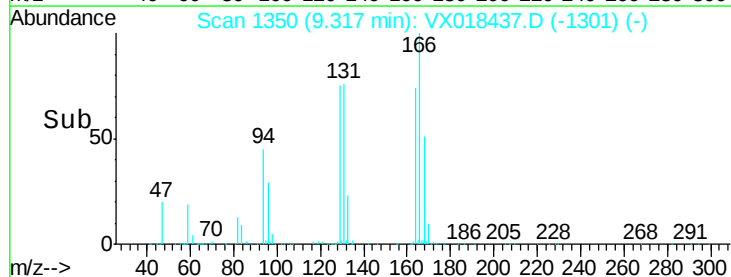
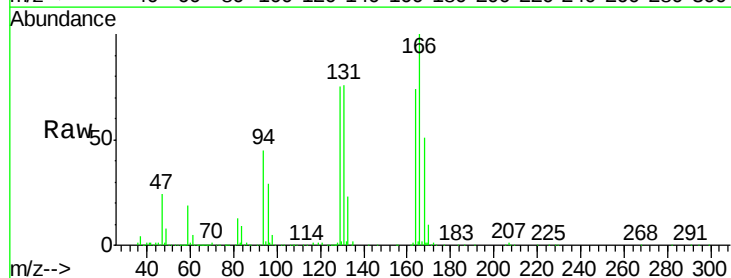
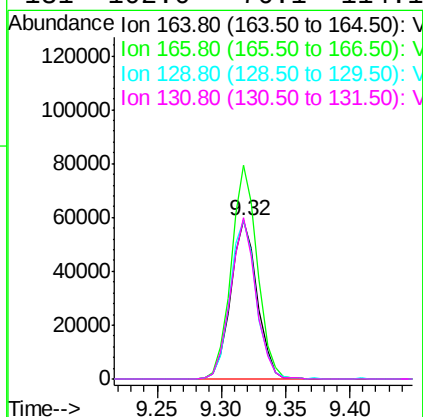
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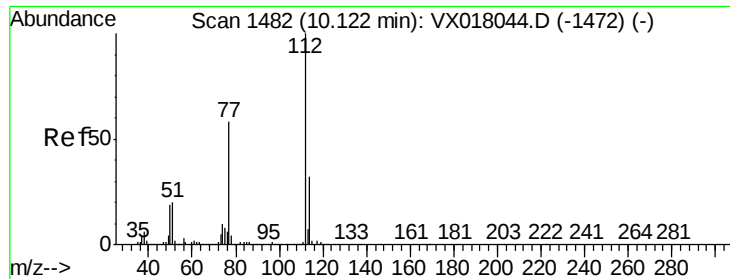
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 20.466 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 84177 |       |       |
| 166     | 134.8 |       | 94.2  | 141.2 |
| 129     | 100.4 |       | 76.9  | 115.3 |
| 131     | 102.0 |       | 76.1  | 114.1 |





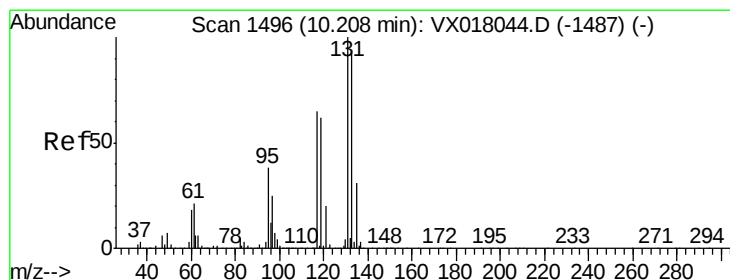
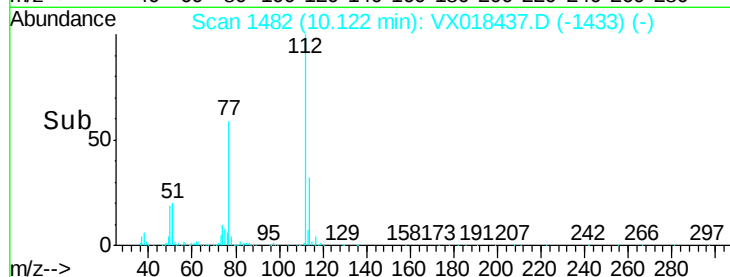
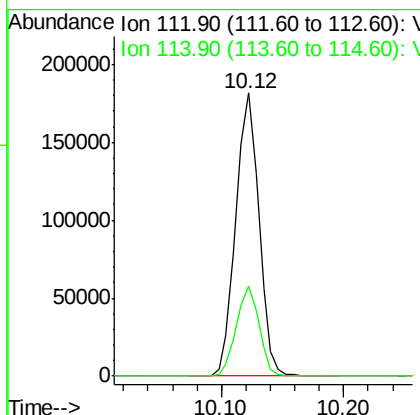
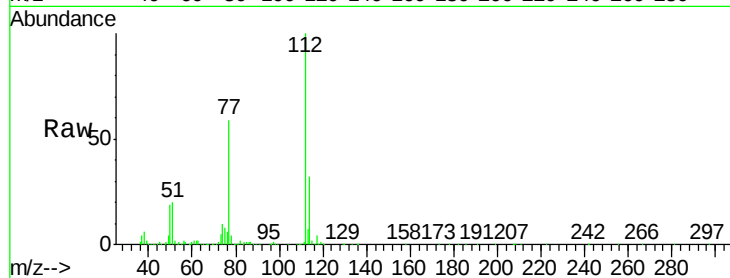
#65  
Chlorobenzene  
Concen: 21.241 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.8  | 25.7  | 38.5  |

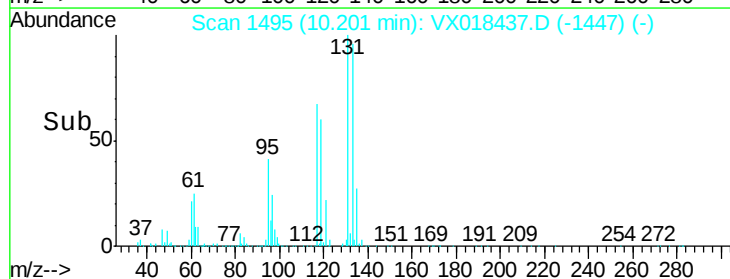
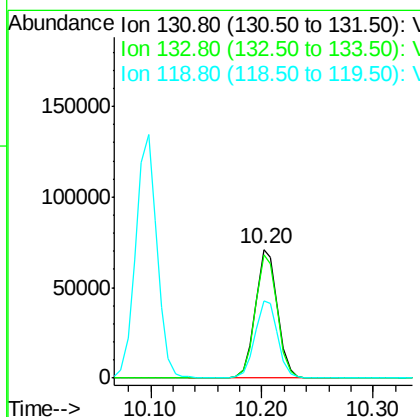
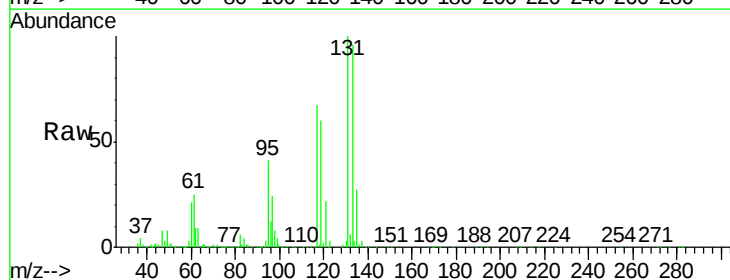
Manual Integrations  
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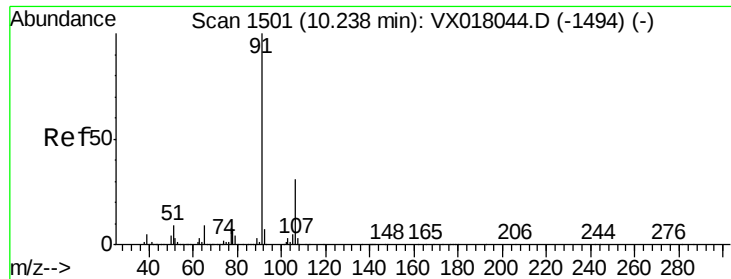
MMDadoda  
9/17/2020 11:26:57 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.249 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.0  | 46.7  | 140.1 |
| 119     | 61.9  | 31.8  | 95.4  |





#67

Ethyl Benzene

Concen: 21.019 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 91 Resp: 399586

Ion Ratio Lower Upper

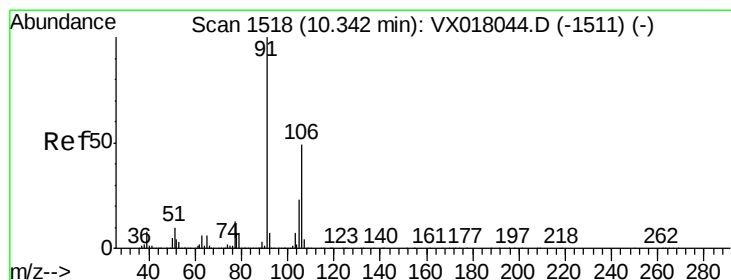
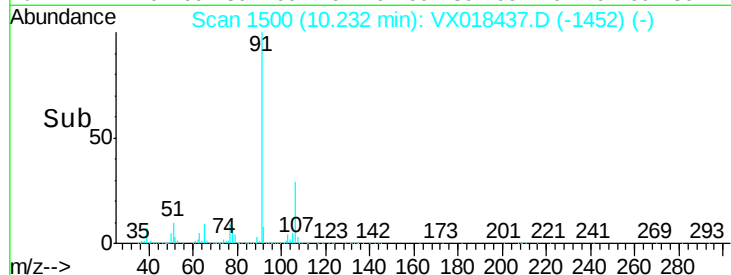
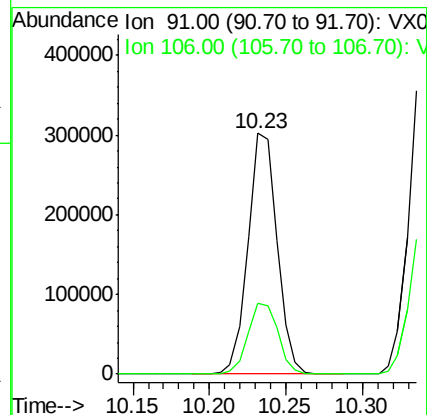
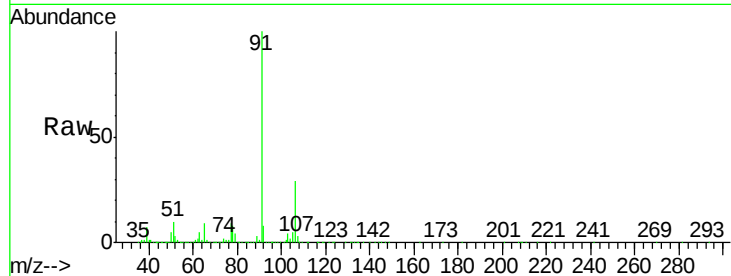
91 100

106 29.3 24.9 37.3

Manual Integrations  
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#68

m/p-Xylenes

Concen: 42.363 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018437.D

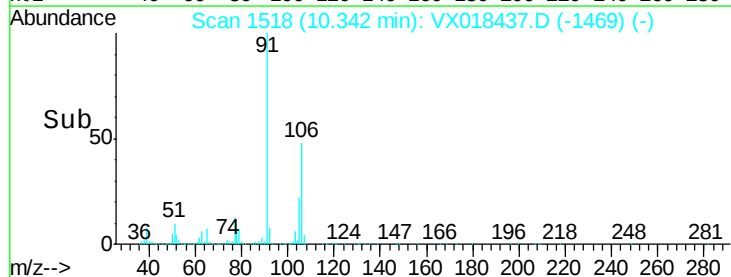
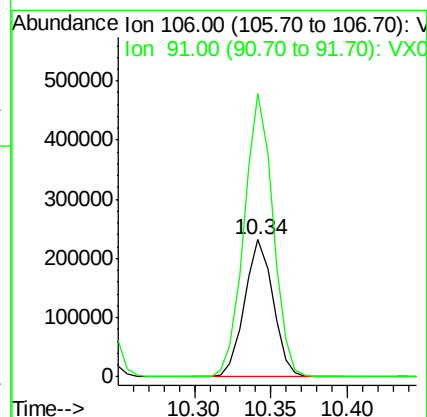
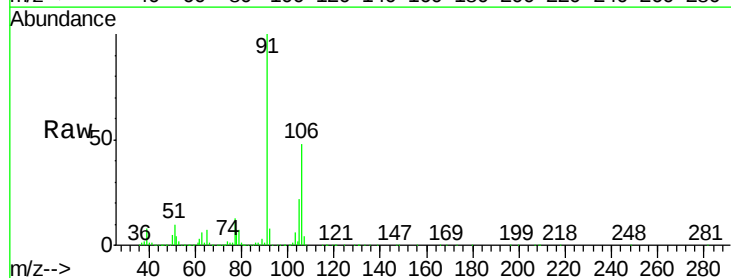
Acq: 16 Sep 2020 14:11

Tgt Ion: 106 Resp: 300587

Ion Ratio Lower Upper

106 100

91 208.5 162.2 243.2





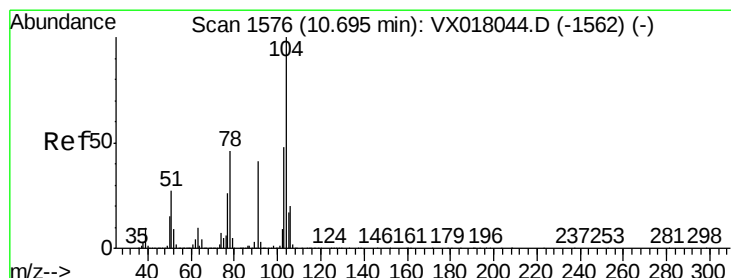
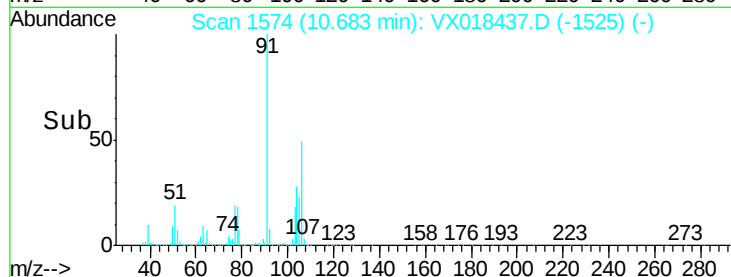
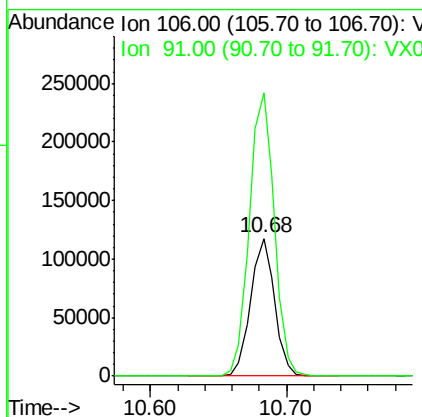
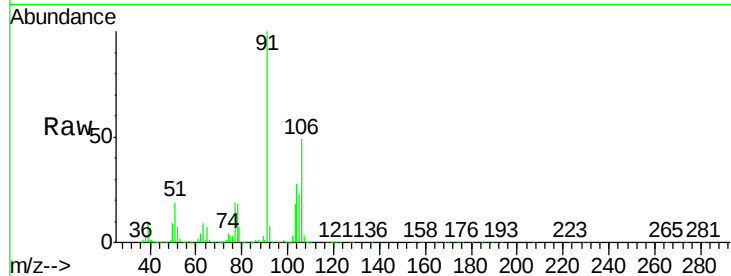
#69  
o-Xylene  
Concen: 21.350 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.6 | 107.1 | 321.3 |

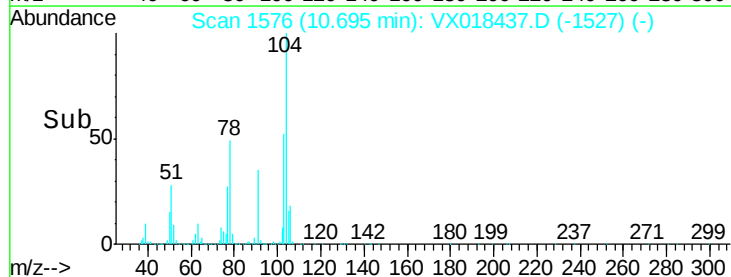
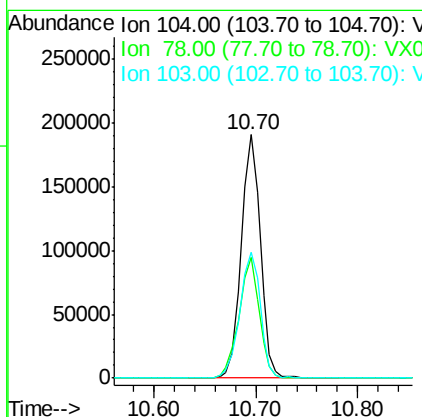
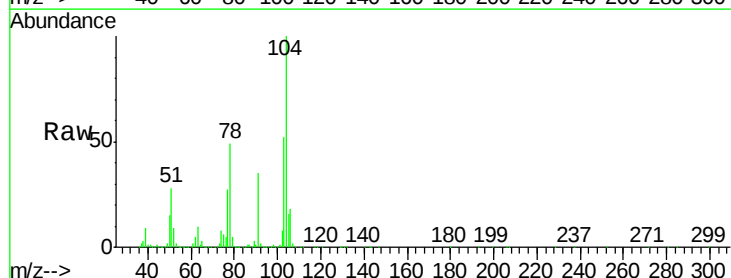
Manual Integrations  
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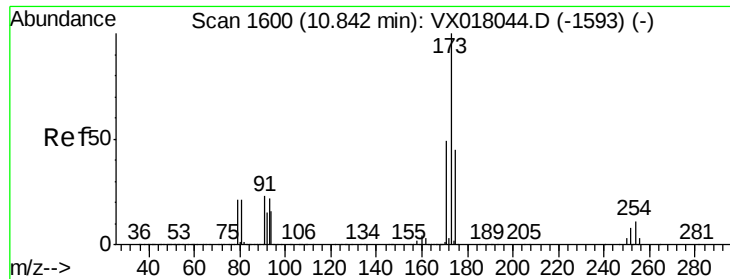
MMDadoda  
9/17/2020 11:26:57 AM



#70  
Styrene  
Concen: 21.075 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.7  | 40.9  | 61.3  |
| 103     | 55.7  | 43.6  | 65.4  |





#71

Bromoform

Concen: 21.886 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion:173 Resp: 82250

Ion Ratio Lower Upper

173 100

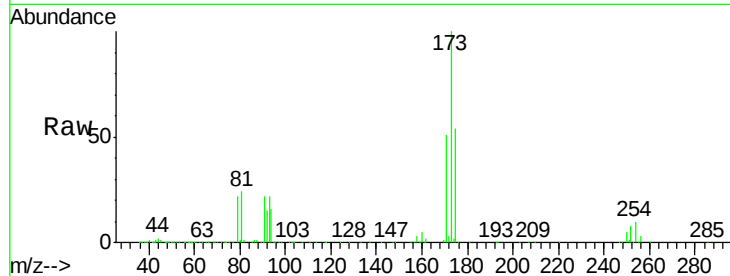
175 48.1 23.9 71.8

254 0.1 0.2 0.2#

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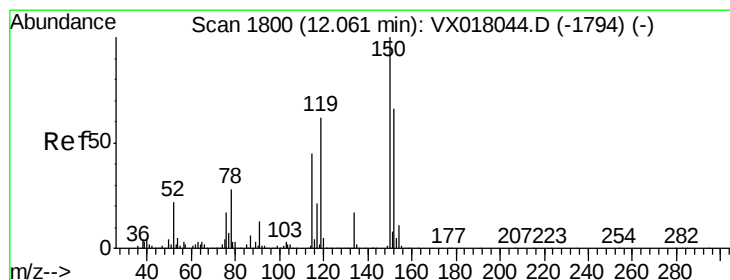
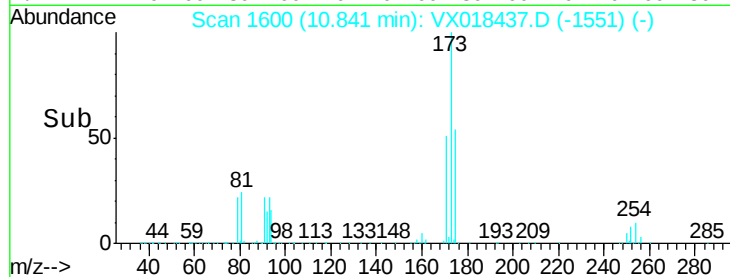
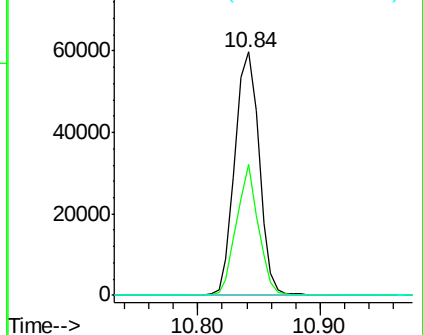
9/17/2020 11:26:57 AM



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: VX018437.D

Acq: 16 Sep 2020 14:11

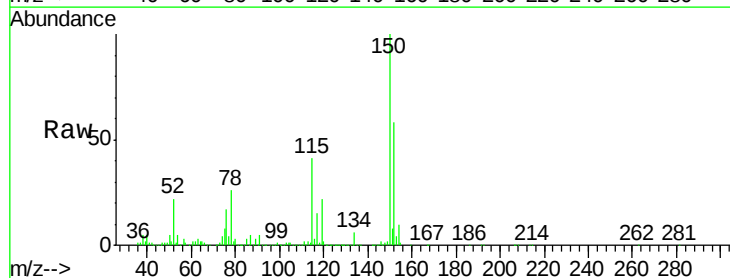
Tgt Ion:152 Resp: 293288

Ion Ratio Lower Upper

152 100

115 72.1 41.5 124.5

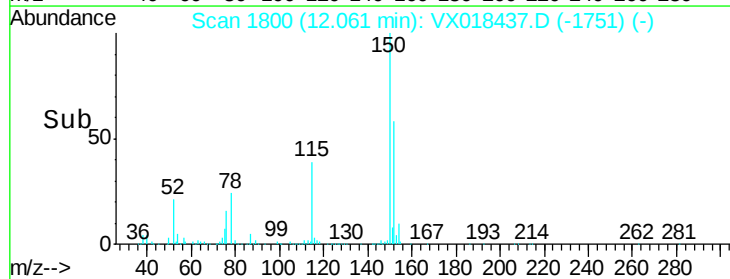
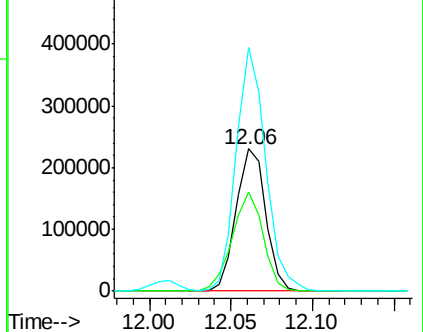
150 169.3 0.0 343.8

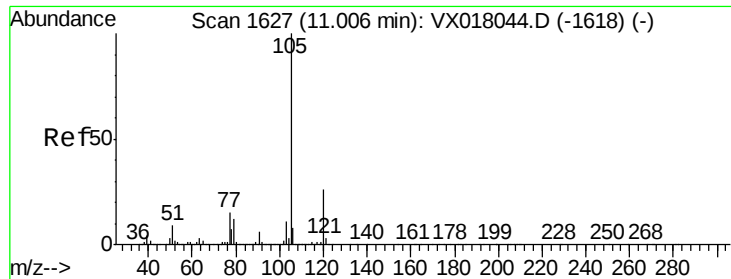


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.631 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 105 Resp: 399124

Ion Ratio Lower Upper

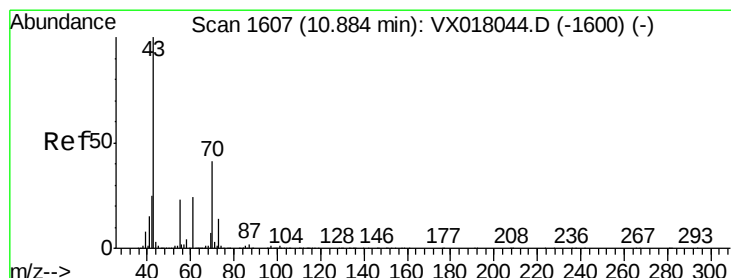
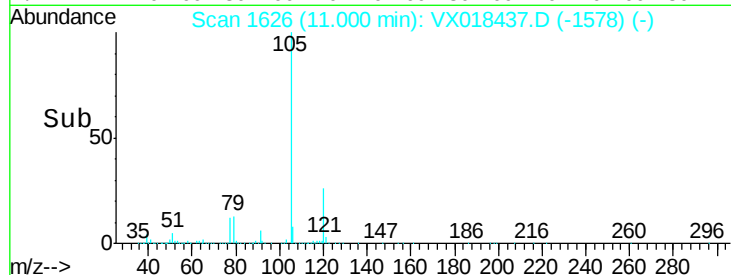
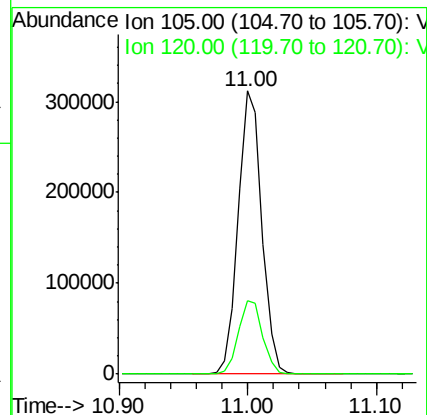
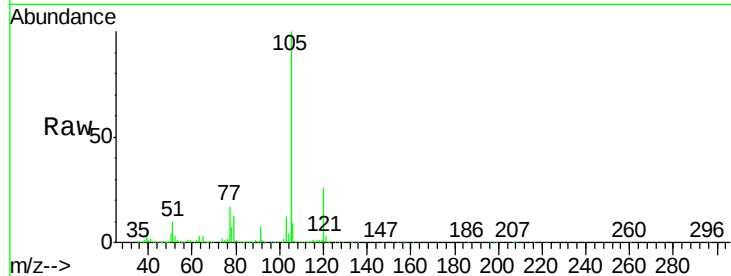
105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.946 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Tgt Ion: 43 Resp: 173904

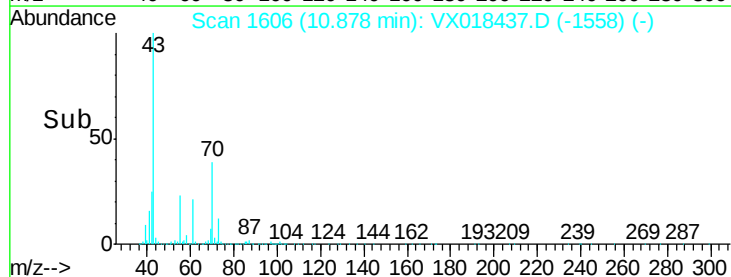
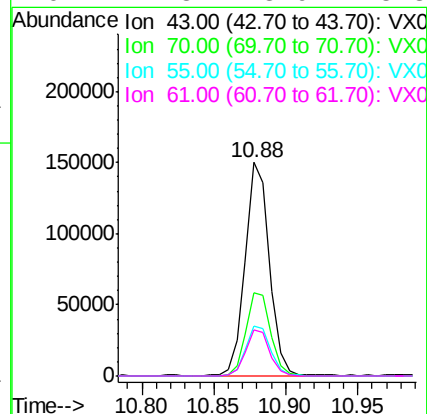
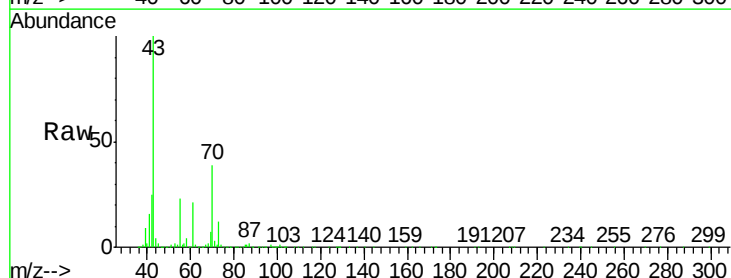
Ion Ratio Lower Upper

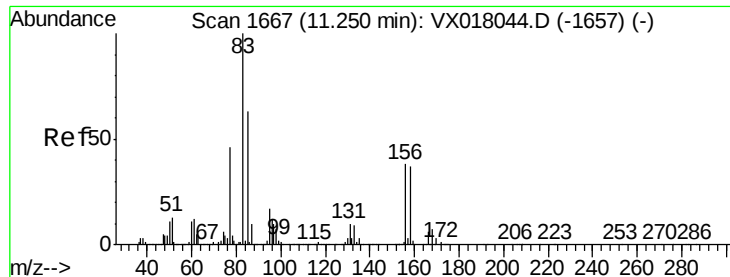
43 100

70 39.9 32.3 48.5

55 23.8 18.2 27.2

61 21.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.195 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

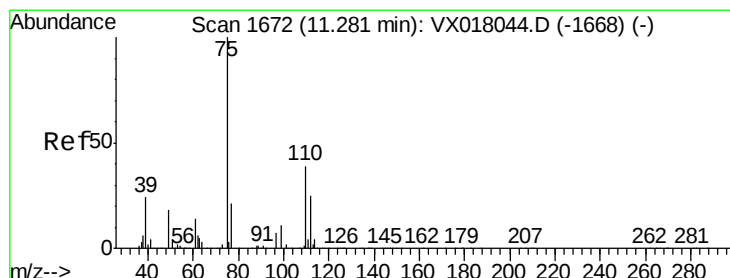
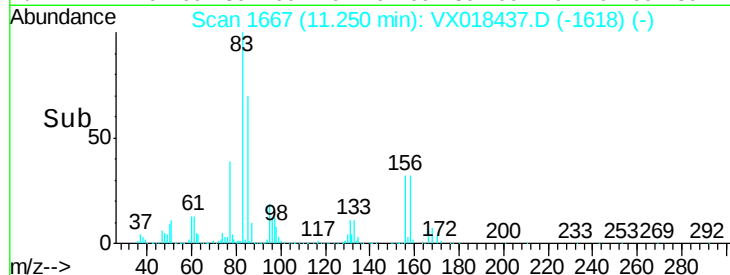
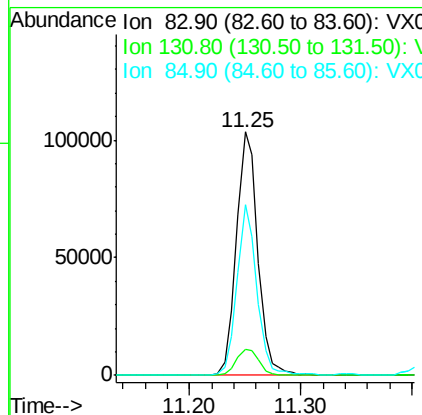
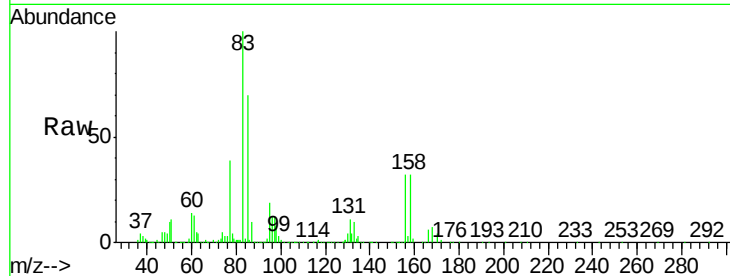
ClientSampleId :

VX0916MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 137819 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.4  | 5.1   | 15.4   |
| 85        | 65.4  | 32.2  | 96.6   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.861 ug/l m

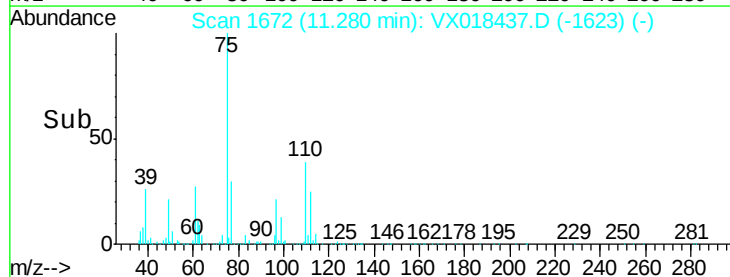
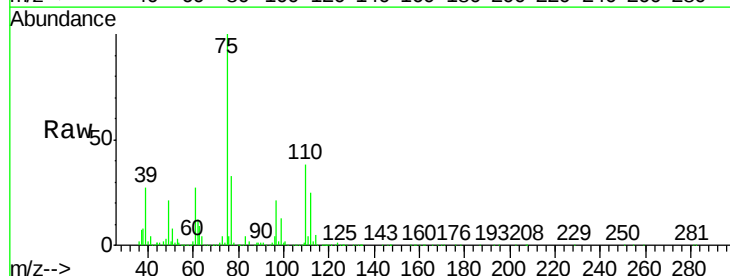
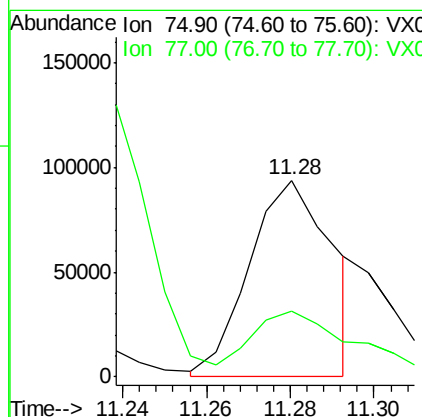
RT: 11.28 min Scan# 1672

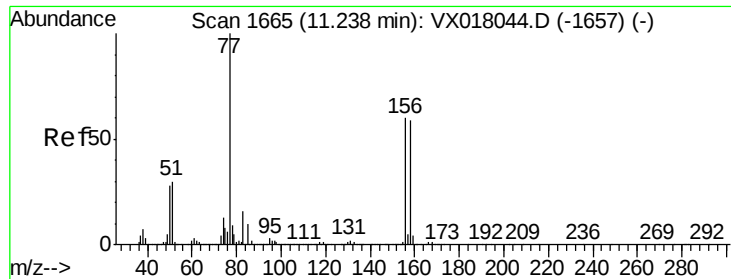
Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 129577 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.1  | 20.8  | 62.2   |





#77

Bromobenzene

Concen: 20.691 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

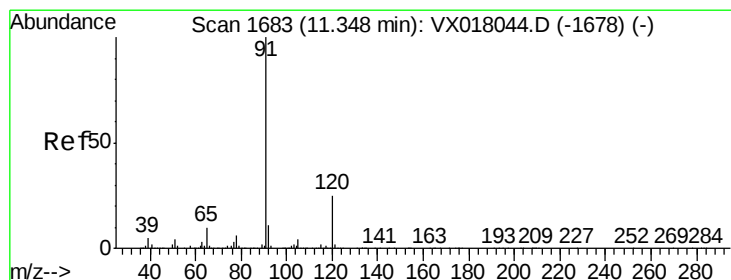
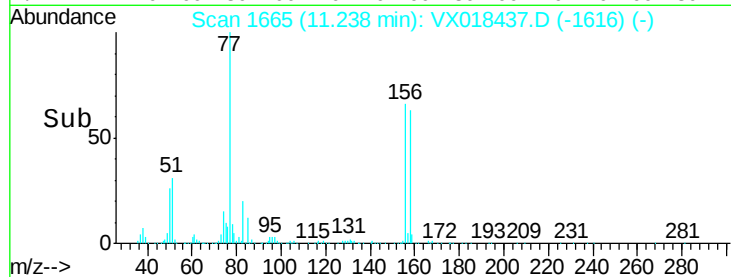
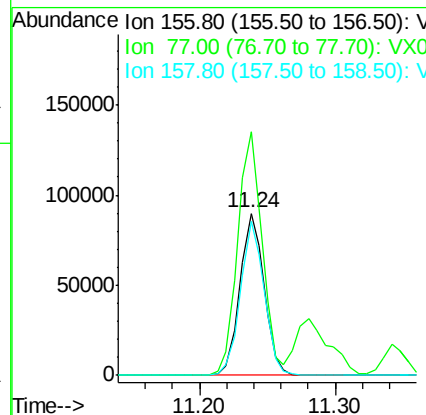
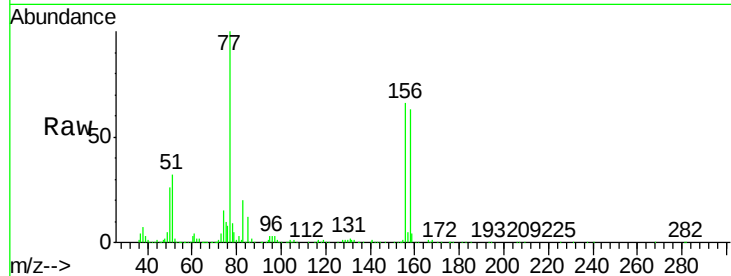
ClientSampleId :

VX0916MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 110643 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 153.2 | 80.0  | 240.2  |
| 158       | 93.7  | 49.5  | 148.7  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 21.054 ug/l

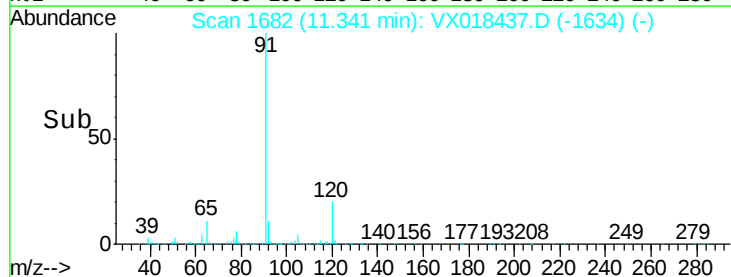
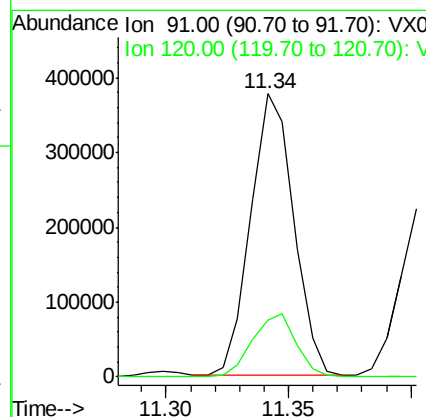
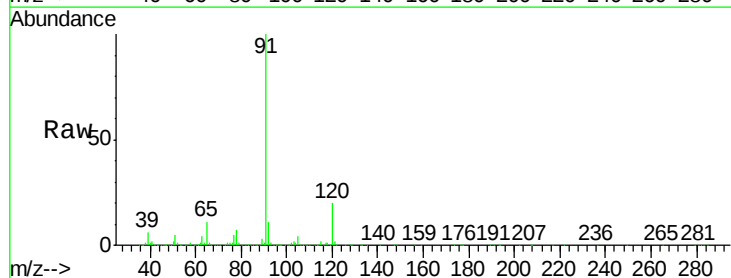
RT: 11.34 min Scan# 1682

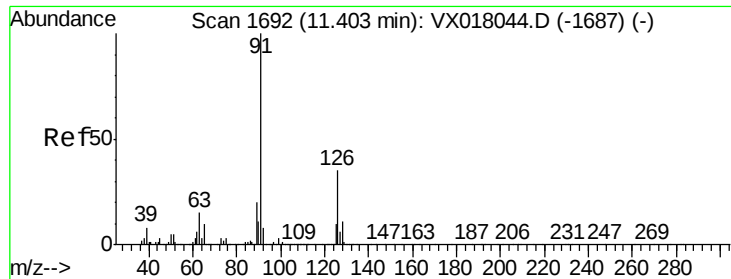
Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 462466 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.9  | 35.9   |





#79

2-Chlorotoluene

Concen: 20.557 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 91 Resp: 278975

Ion Ratio Lower Upper

91 100

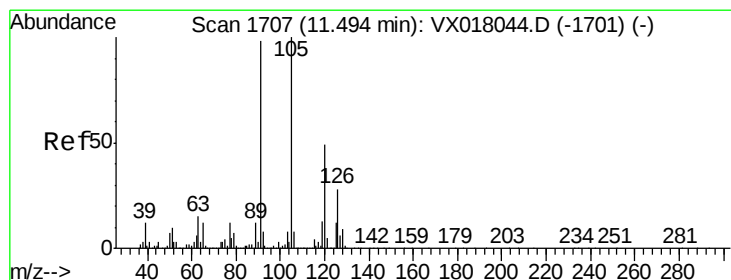
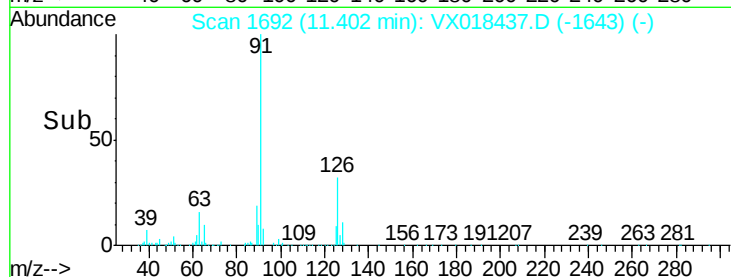
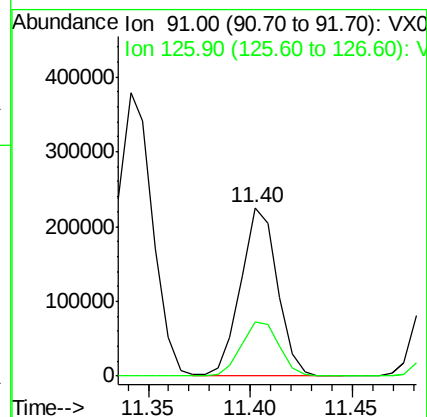
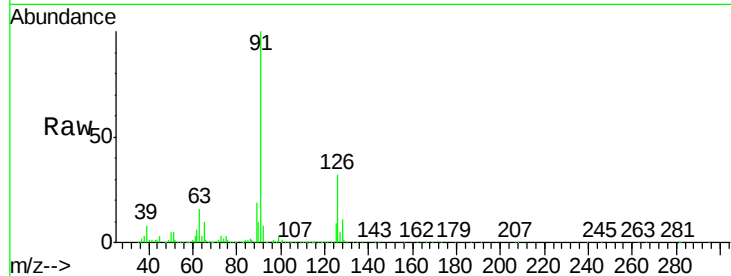
126 34.2 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.593 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018437.D

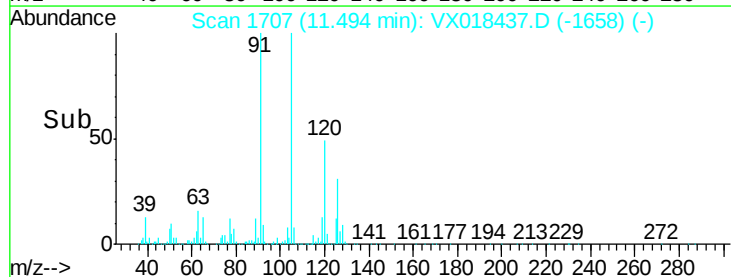
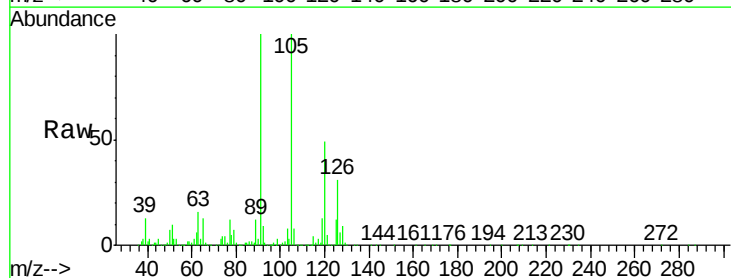
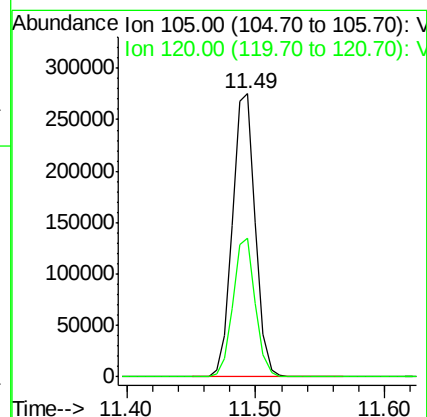
Acq: 16 Sep 2020 14:11

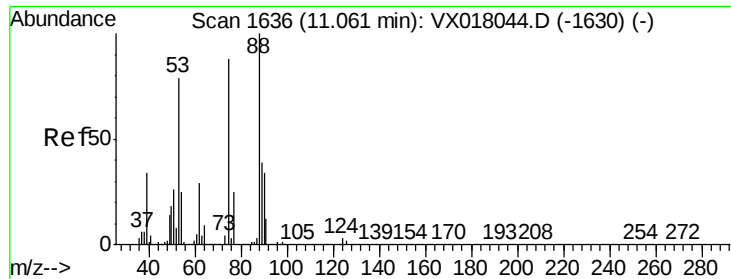
Tgt Ion: 105 Resp: 343265

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





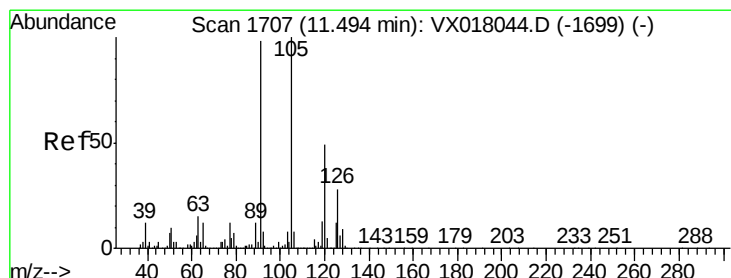
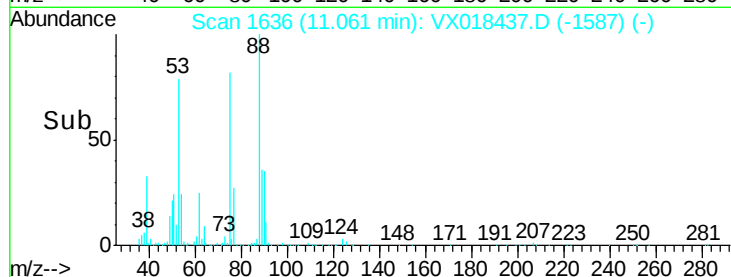
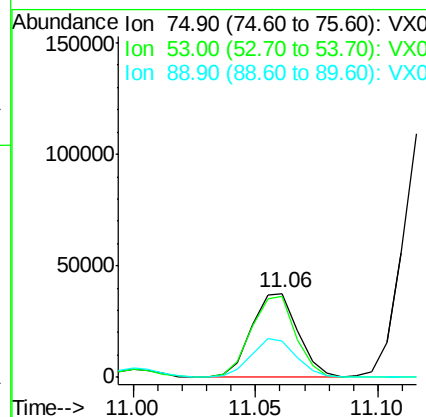
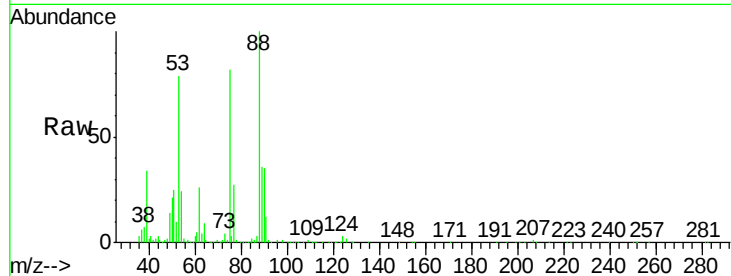
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.638 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.3  | 74.7  | 112.1 |
| 89      | 45.8  | 36.6  | 54.8  |

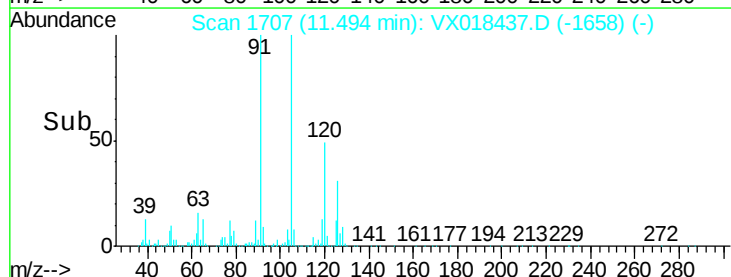
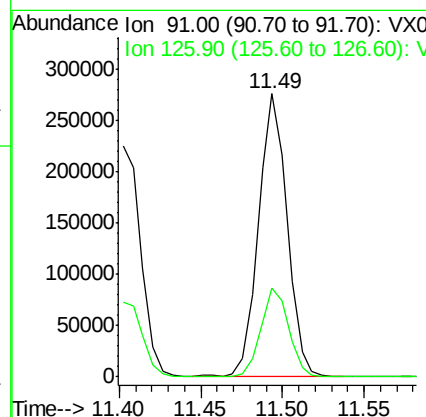
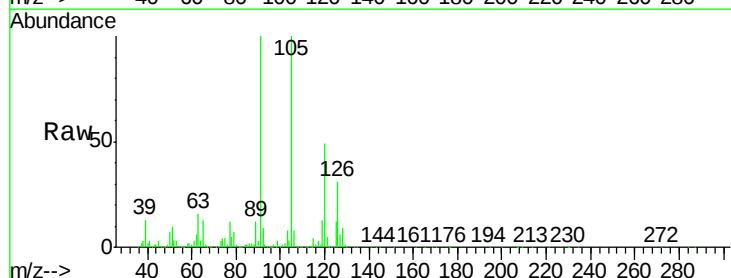
Manual Integrations  
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#82  
4-Chlorotoluene  
Concen: 20.867 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.8  | 15.1  | 45.3  |





#83

tert-Butylbenzene

Concen: 21.679 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

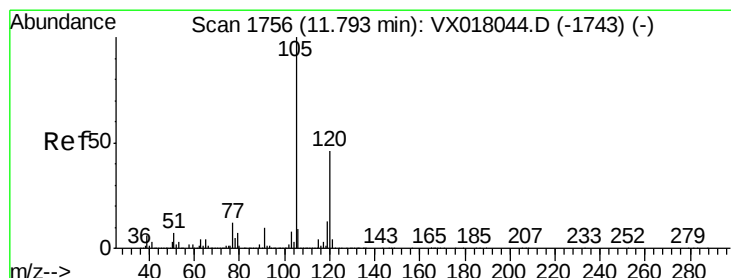
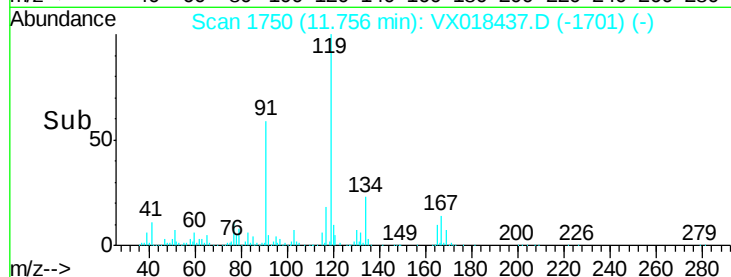
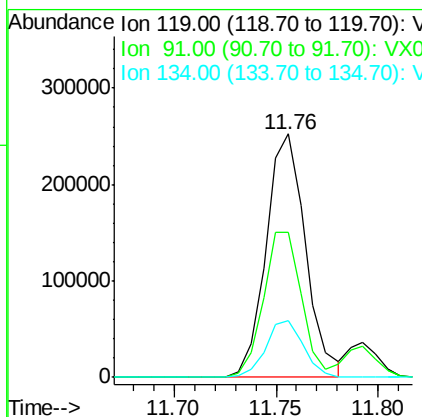
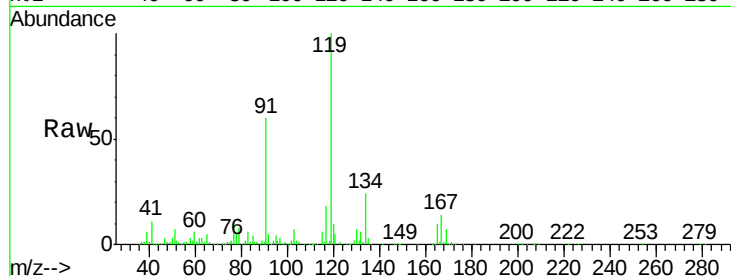
ClientSampleId :

VX0916MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 340107 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 57.7  | 28.2  | 84.7   |
| 134       | 22.3  | 11.3  | 33.8   |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 21.453 ug/l

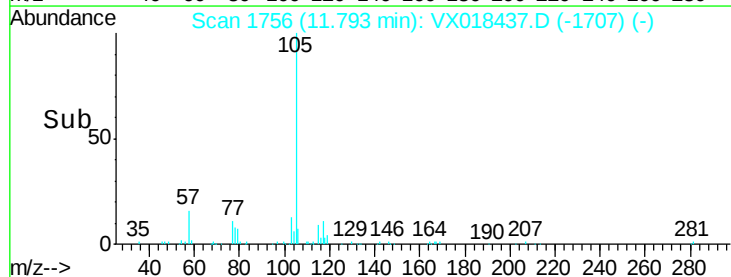
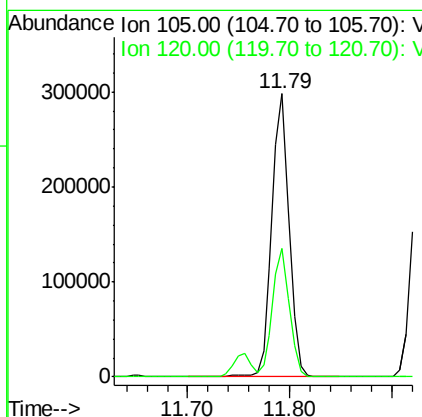
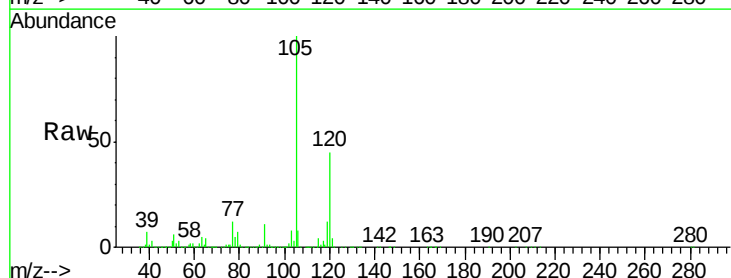
RT: 11.79 min Scan# 1756

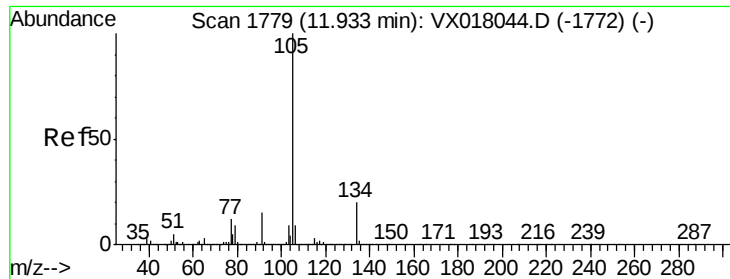
Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 348674 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.4  | 22.3  | 66.9   |





#85

sec-Butylbenzene

Concen: 21.661 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0916MBSD01

Tot Ion:105 Resp: 386455

Ion Ratio Lower Upper

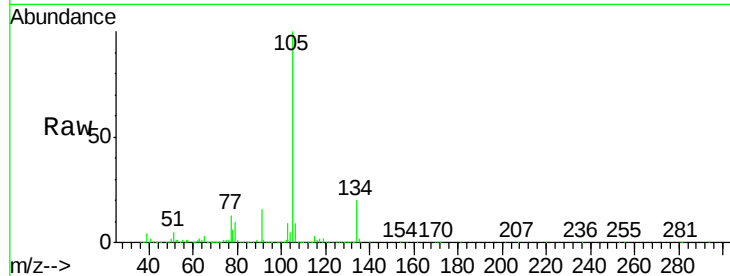
105 100

134 20.9 10.1 30.3

Manual Integrations  
APPROVED

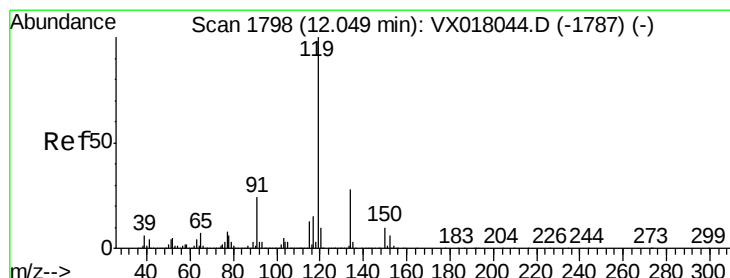
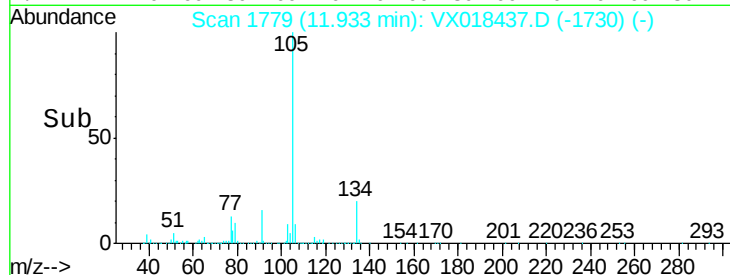
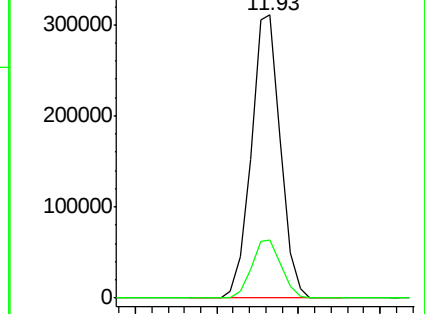
MMDadoda

9/17/2020 11:26:57 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.072 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

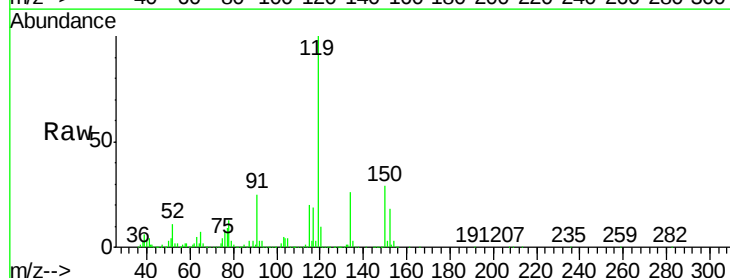
Tgt Ion:119 Resp: 361714

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

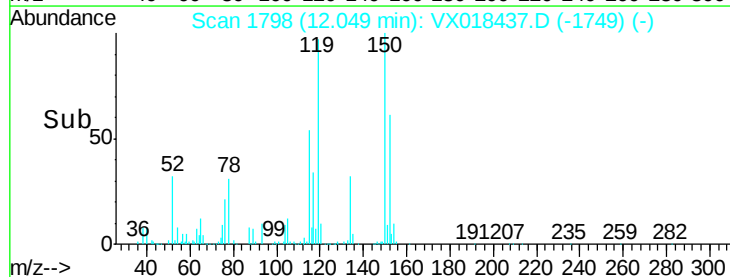
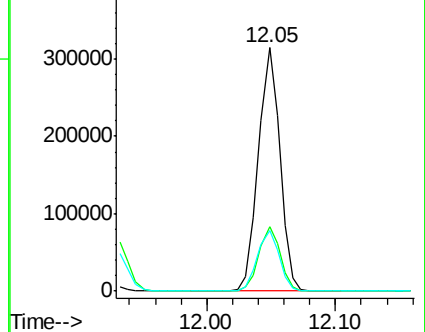
91 25.3 11.8 35.4

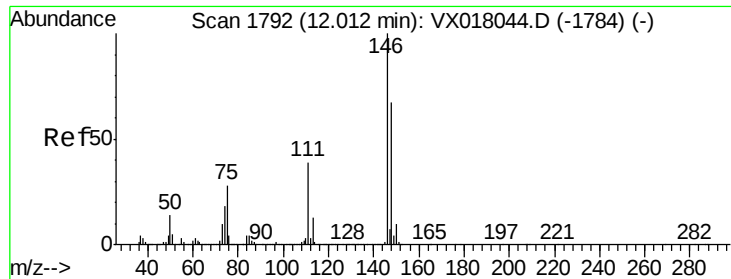


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





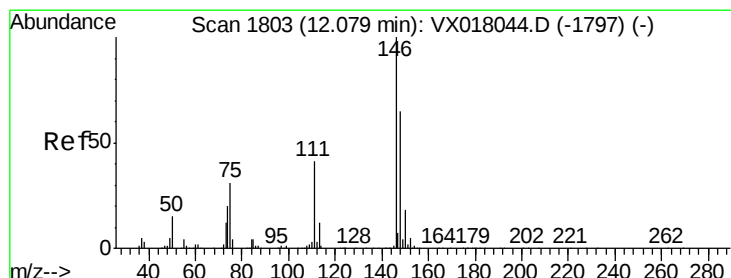
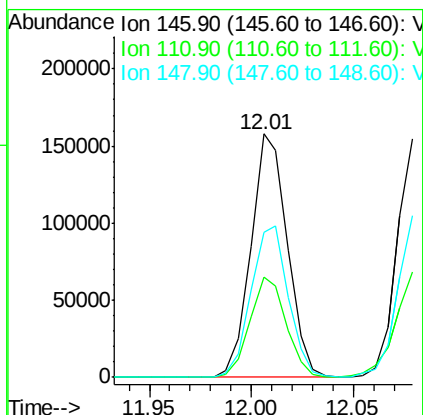
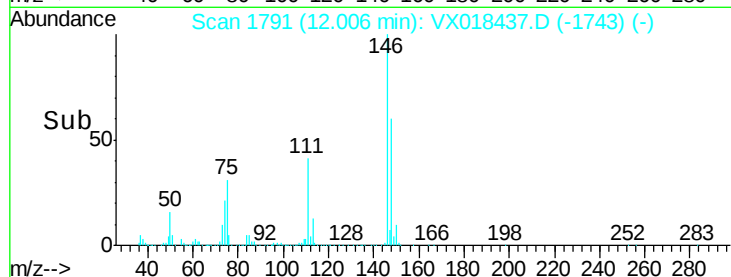
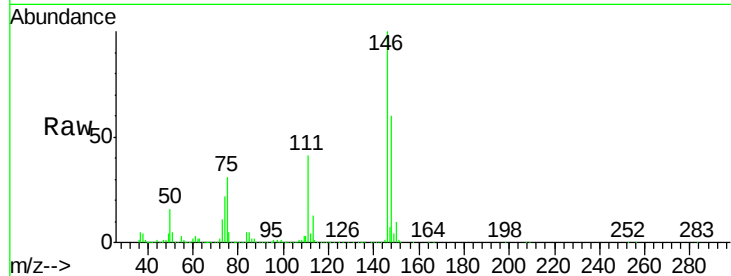
#87  
 1,3-Dichlorobenzene  
 Concen: 20.881 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 20.6  | 61.8  |
| 148     | 64.0  | 33.1  | 99.2  |

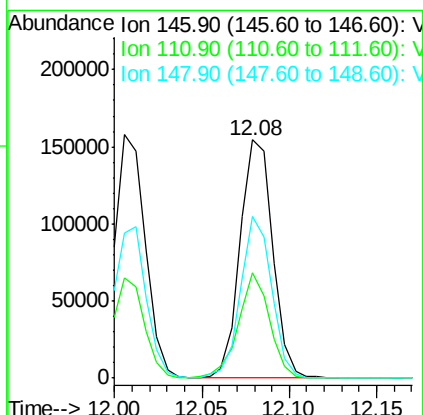
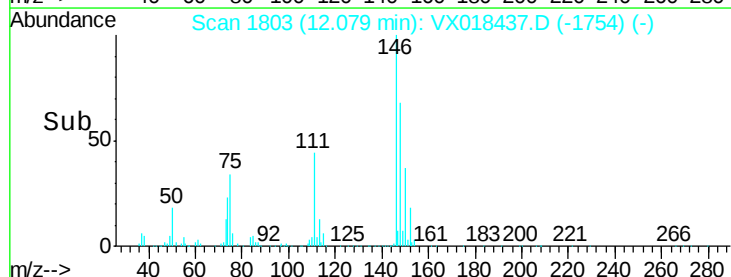
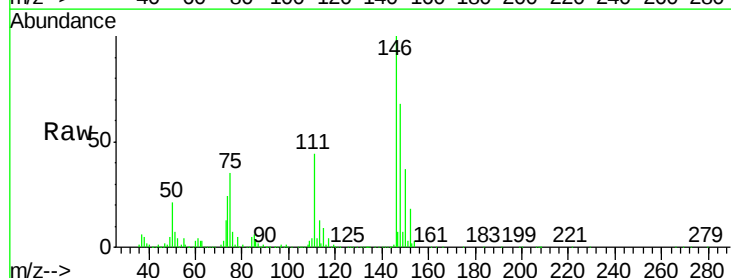
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.264 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 20.3  | 60.8  |
| 148     | 64.9  | 33.1  | 99.2  |





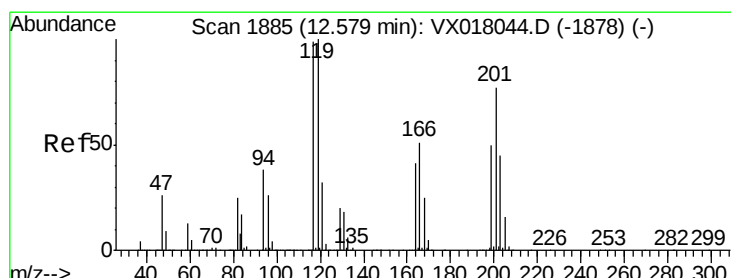
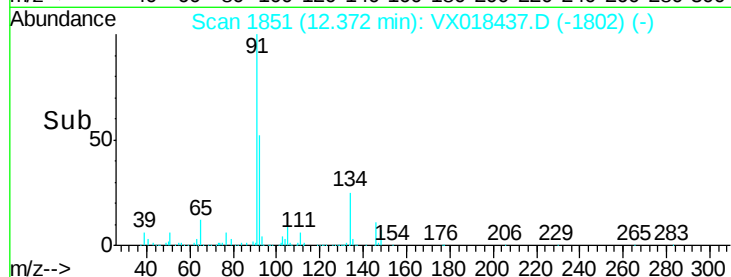
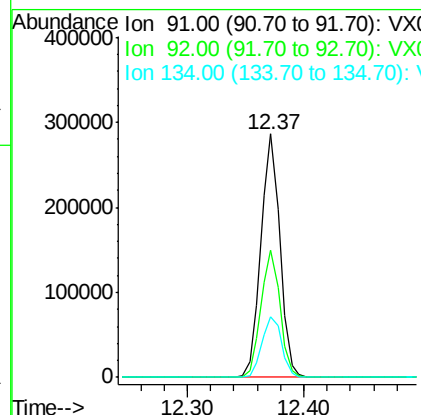
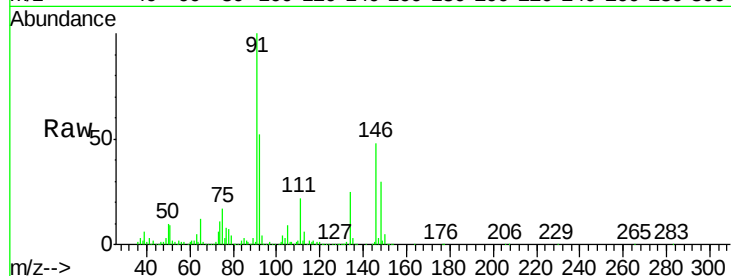
#89  
n-Butylbenzene  
Concen: 21.935 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.4  | 79.2  |
| 134     | 25.8  | 12.9  | 38.7  |

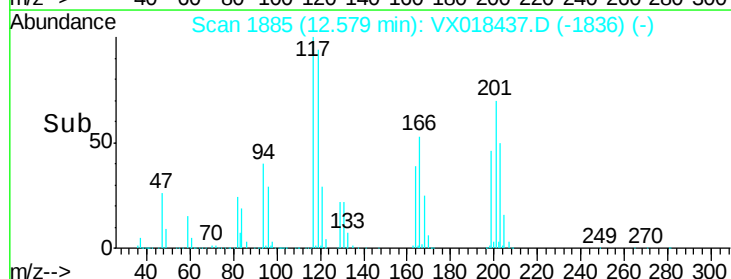
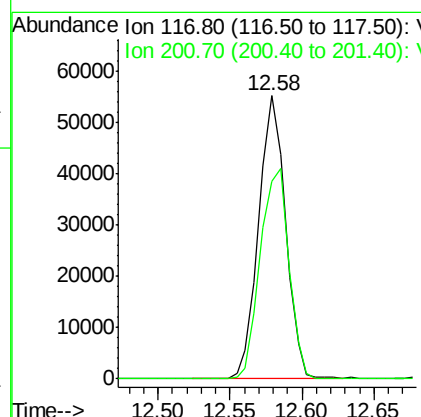
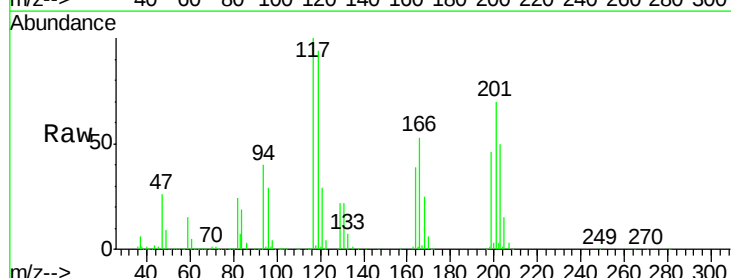
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#90  
Hexachloroethane  
Concen: 22.159 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.7  | 38.5  | 115.3 |





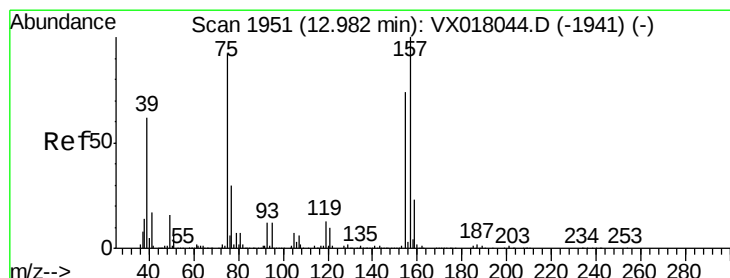
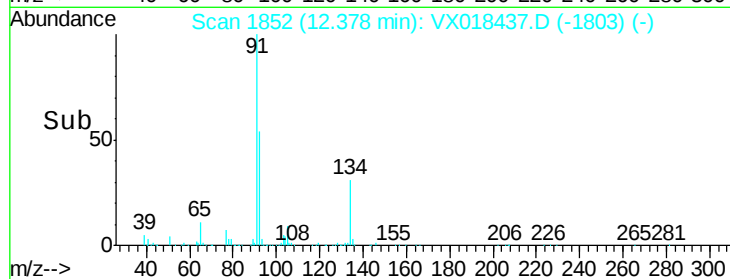
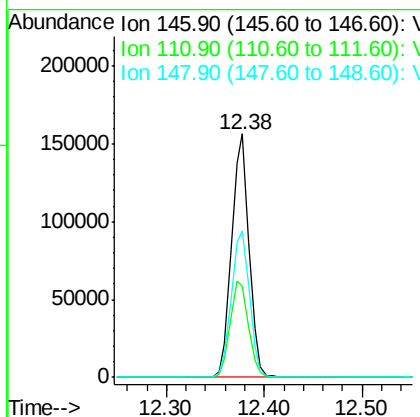
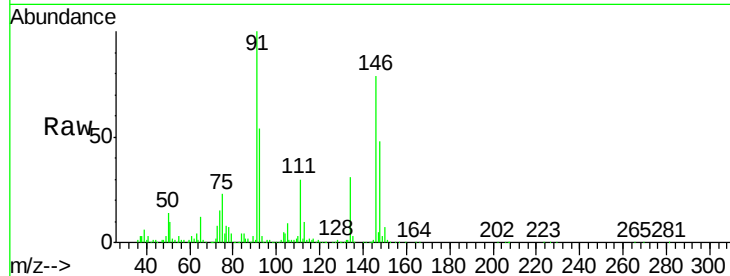
#91  
 1,2-Dichlorobenzene  
 Concen: 21.846 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.8  | 62.5  |
| 148     | 62.8  | 31.6  | 95.0  |

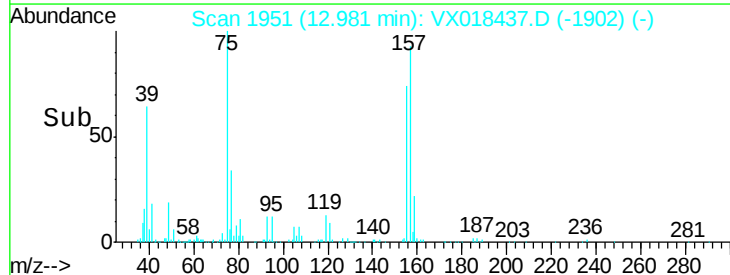
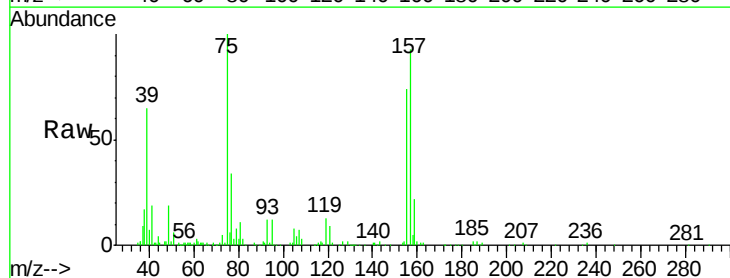
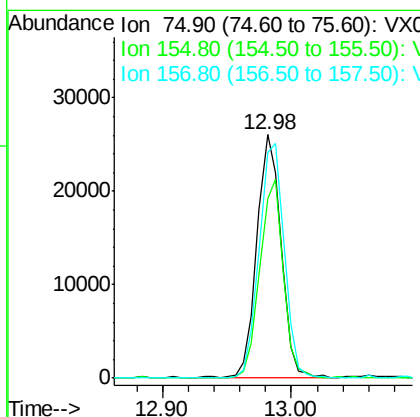
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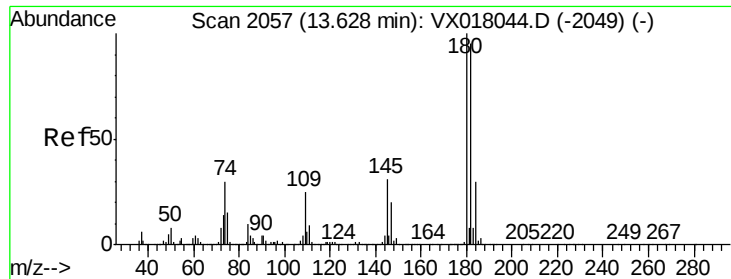
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.781 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.6  | 40.2  | 120.6 |
| 157     | 99.8  | 55.0  | 165.2 |





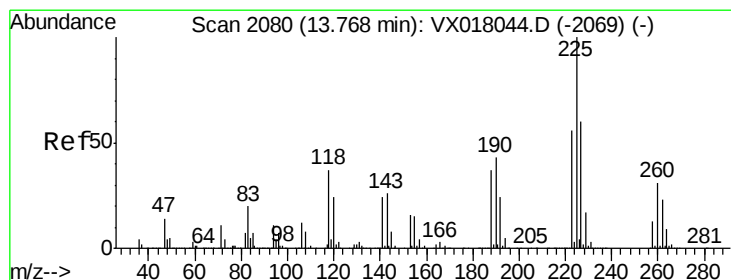
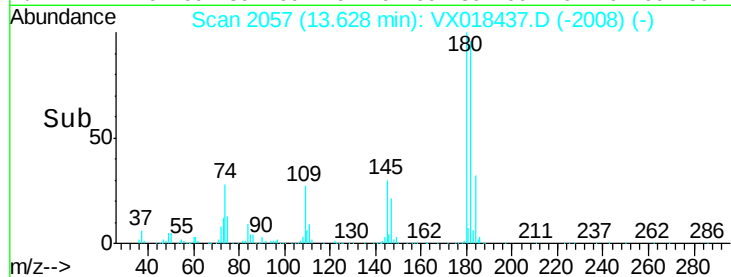
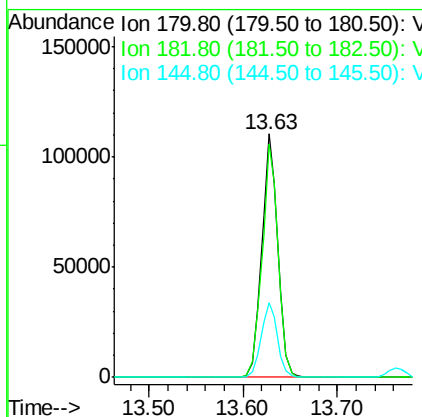
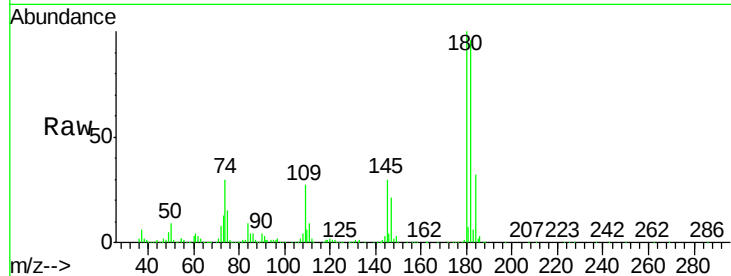
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.530 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0916MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 132778 |       |       |
| 182     | 95.6  | 47.5   | 142.6 |       |
| 145     | 31.1  | 15.7   | 47.1  |       |

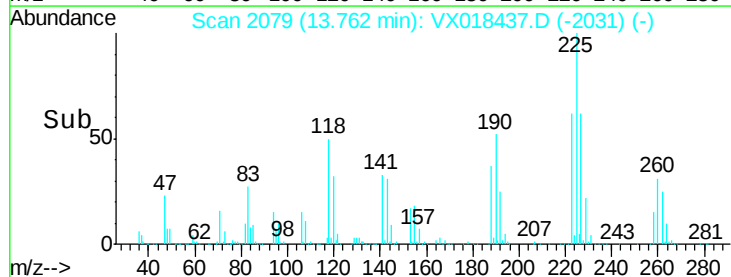
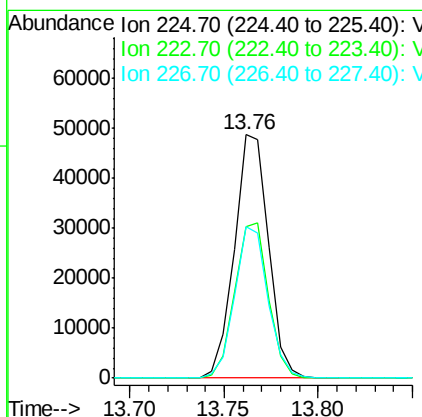
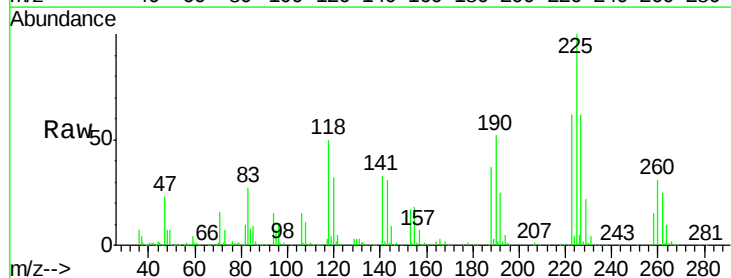
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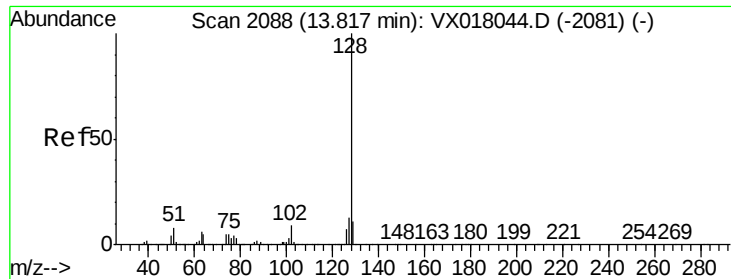
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#94  
 Hexachlorobutadiene  
 Concen: 26.259 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX018437.D  
 Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61040 |       |       |
| 223     | 62.8  | 30.7  | 92.1  |       |
| 227     | 60.8  | 32.6  | 97.8  |       |





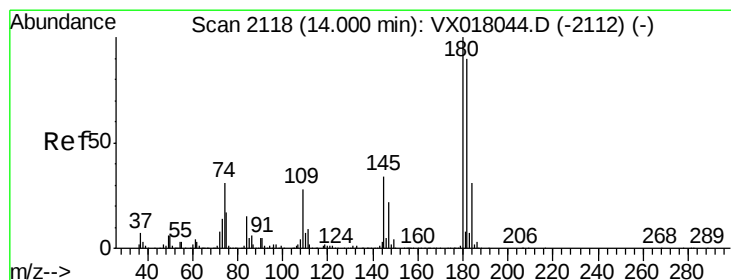
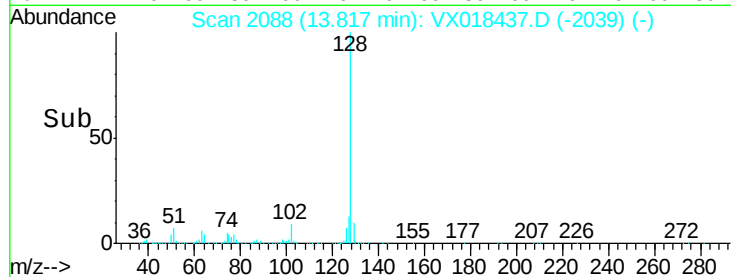
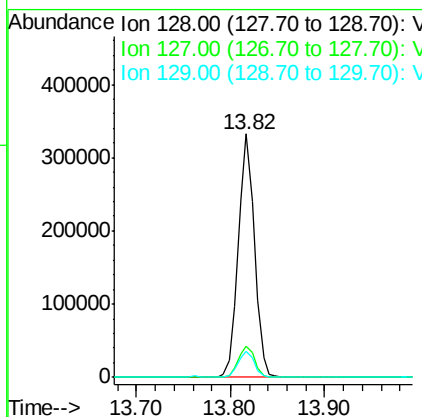
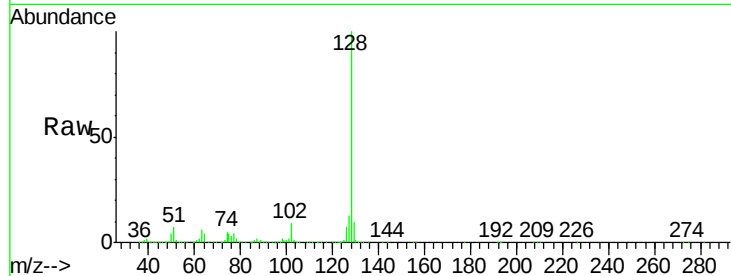
#95  
Naphthalene  
Concen: 20.392 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0916MBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 395503 |       |       |
| 127     | 13.3  | 10.2   | 15.2  |       |
| 129     | 10.8  | 8.7    | 13.1  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.722 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX018437.D  
Acq: 16 Sep 2020 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 126492 |       |       |
| 182     | 97.7  | 47.3   | 142.0 |       |
| 145     | 34.7  | 17.5   | 52.6  |       |

