

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\  
 Data File : VL036402.D  
 Acq On : 26 Feb 2021 14:52  
 Operator : SY/AP  
 Sample : M1502-01  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Manual Integrations  
 APPROVED

MMDadoda  
 3/1/2021 10:52:49 AM

Quant Time: Feb 28 17:41:53 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Feb 1  
 QLast Update : Wed Feb 10 16:04:02 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.64  | 49   | 1572167  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.14  | 114  | 3433474  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.05 | 117  | 3113493  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.38  | 95    | 2644104m | 10.32    | ppbv | -0.01   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.20% |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 3.02  | 85   | 40585    | 0.173   | ppbv   | 94     |
| 9) Propene                    | 2.99  | 41   | 2962954  | 40.683  | ppbv   | 100    |
| 10) Heptane                   | 8.09  | 43   | 92234m   | 0.430   | ppbv   |        |
| 11) Trichlorofluoromethane    | 3.92  | 101  | 426077   | 1.854   | ppbv   | 92     |
| 13) Ethanol                   | 3.58  | 45   | 366490m  | 26.791  | ppbv   |        |
| 15) Acetone                   | 3.83  | 43   | 982253m  | 5.111   | ppbv   |        |
| 17) tert-Butyl alcohol        | 4.28  | 59   | 83204m   | 0.558   | ppbv   |        |
| 19) Isopropyl Alcohol         | 3.98  | 45   | 307167m  | 2.885   | ppbv   |        |
| 20) Methylene Chloride        | 4.32  | 84   | 6470781  | 104.366 | ppbv   | 87     |
| 26) Hexane                    | 5.65  | 57   | 1222298  | 8.018   | ppbv # | 39     |
| 27) Carbon Disulfide          | 4.52  | 76   | 184337   | 1.316   | ppbv # | 92     |
| 30) Cyclohexane               | 7.10  | 84   | 59560m   | 0.470   | ppbv   |        |
| 31) cis-1,2-Dichloroethene    | 5.52  | 61   | 20337m   | 0.135   | ppbv   |        |
| 32) 1,1,1-Trichloroethane     | 6.48  | 97   | 10218    | 0.045   | ppbv # | 75     |
| 34) 2-Butanone                | 5.22  | 43   | 145535   | 0.638   | ppbv   | 97     |
| 35) Carbon Tetrachloride      | 6.99  | 117  | 19207m   | 0.083   | ppbv   |        |
| 36) Benzene                   | 6.86  | 78   | 144206m  | 0.494   | ppbv   |        |
| 38) Trichloroethene           | 7.81  | 130  | 38619m   | 0.370   | ppbv   |        |
| 44) 2,2,4-Trimethylpentane    | 7.83  | 57   | 3975713  | 7.496   | ppbv   | 96     |
| 52) Tetrachloroethene         | 11.19 | 164  | 168870m  | 1.582   | ppbv   |        |
| 53) Toluene                   | 9.77  | 91   | 1395671  | 4.418   | ppbv   | 99     |
| 58) Ethyl Benzene             | 12.68 | 91   | 365321   | 0.857   | ppbv   | 95     |
| 59) m/p-Xylene                | 12.93 | 91   | 1401857  | 3.743   | ppbv   | 98     |
| 60) o-Xylene                  | 13.66 | 91   | 528908   | 1.477   | ppbv   | 99     |
| 63) 1,1,2,2-Tetrachloroethane | 13.65 | 83   | 12069m   | 0.043   | ppbv   |        |
| 64) n-propylbenzene           | 15.53 | 120  | 20741m   | 0.157   | ppbv   |        |
| 65) tert-Butylbenzene         | 16.73 | 119  | 49819m   | 0.108   | ppbv   |        |
| 72) 4-Ethyltoluene            | 15.81 | 105  | 109245   | 0.274   | ppbv # | 81     |
| 73) 1,3,5-Trimethylbenzene    | 15.97 | 105  | 82066    | 0.212   | ppbv   | 86     |
| 74) 1,2,4-Trimethylbenzene    | 16.73 | 105  | 373618   | 0.947   | ppbv # | 65     |

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

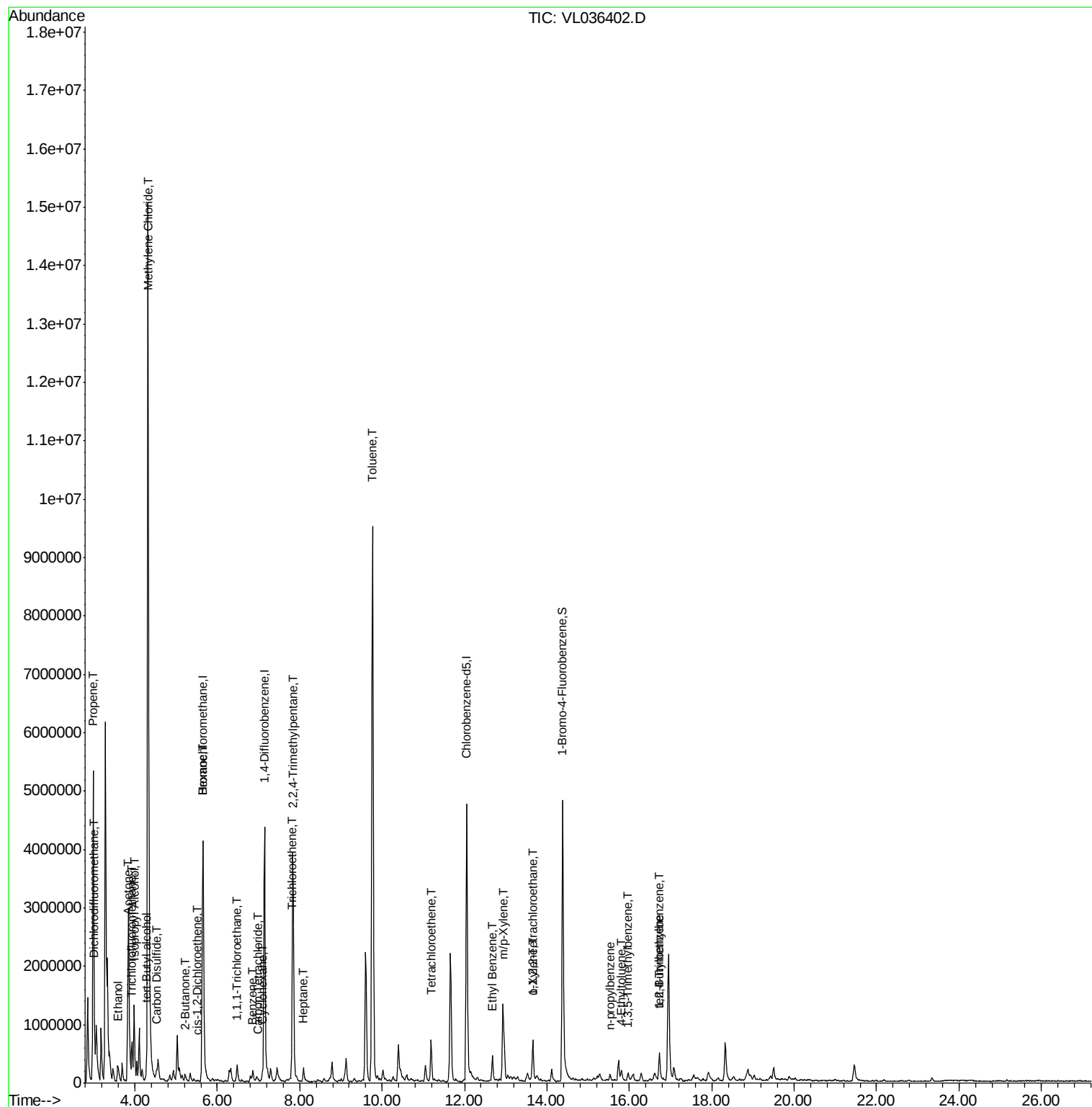
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\  
Data File : VL036402.D  
Acq On : 26 Feb 2021 14:52  
Operator : SY/AP  
Sample : M1502-01  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

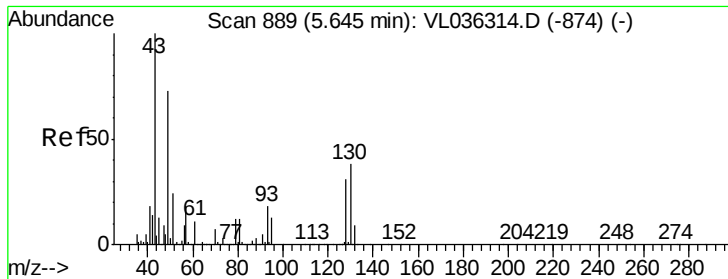
Instrument :  
MSVOA\_L  
ClientSampleId :

Manual Integrations  
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3/1/2021 10:52:49 AM

Quant Time: Feb 28 17:41:53 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Feb  
QLast Update : Wed Feb 10 16:04:02 2021  
Response via : Initial Calibration





#1

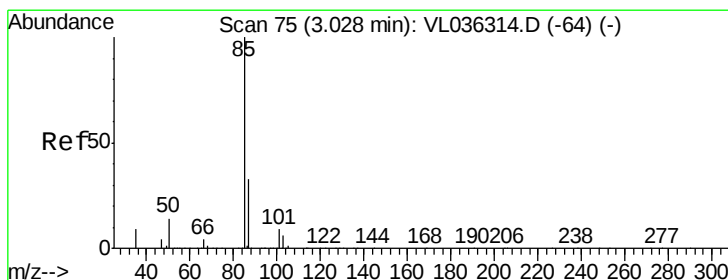
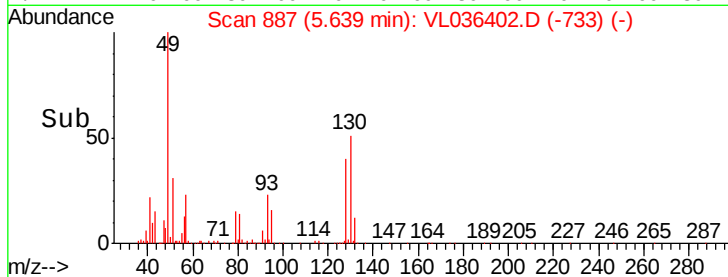
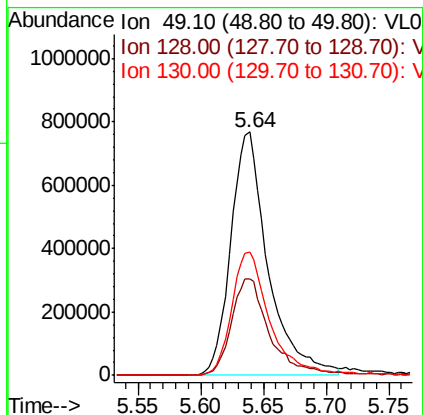
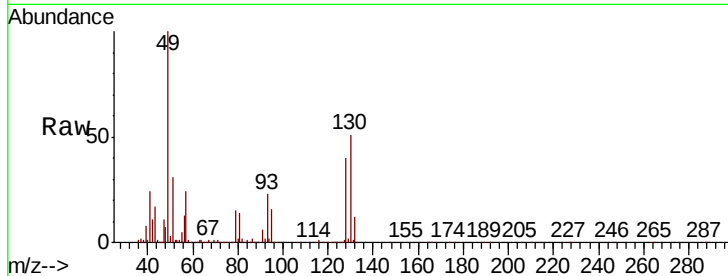
Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.64 min Scan# 887  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

Instrument :  
 MSVOA\_L  
 ClientSampled :

Tot Ion: 49 Resp: 1572167  
 Ion Ratio Lower Upper  
 49 100  
 128 41.9 20.8 62.5  
 130 53.1 26.7 80.1

Manual Integrations  
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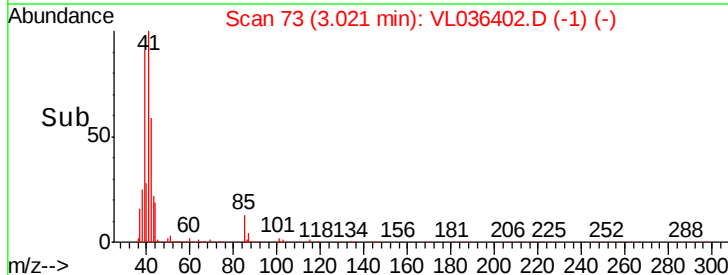
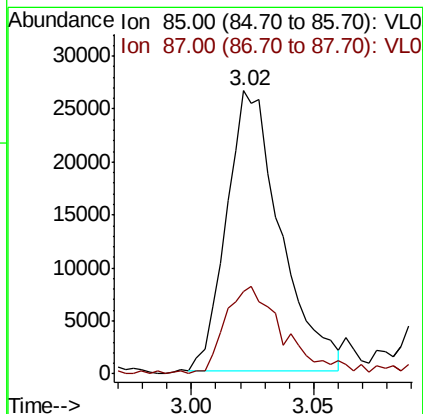
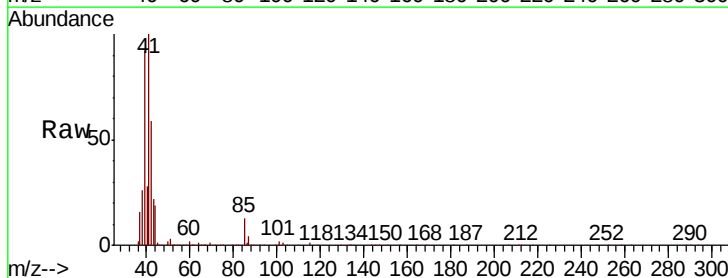
MMDadoda  
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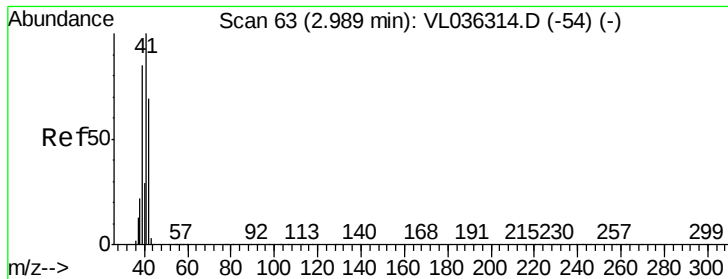


#2

Dichlorodifluoromethane  
 Concen: 0.173 ppbv  
 RT: 3.02 min Scan# 73  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

Tgt Ion: 85 Resp: 40585  
 Ion Ratio Lower Upper  
 85 100  
 87 29.4 26.5 39.7





#9

Propene

Concen: 40.683 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Instrument :

MSVOA\_L

ClientSampleId :

Tot Ion: 41 Resp: 2962954

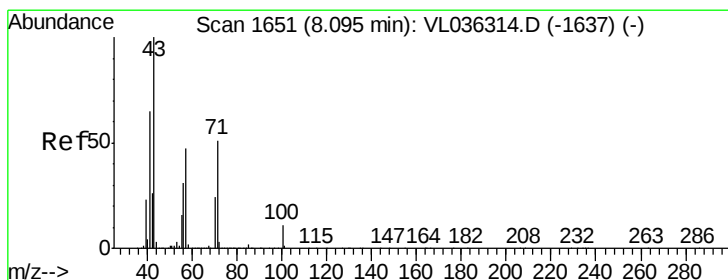
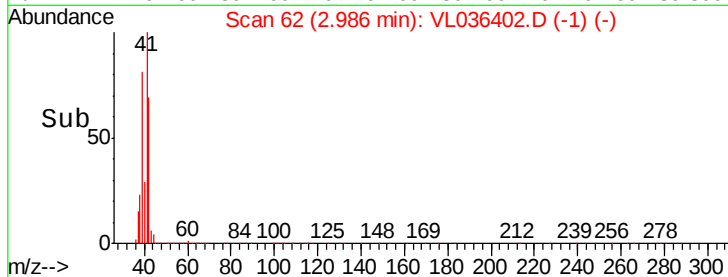
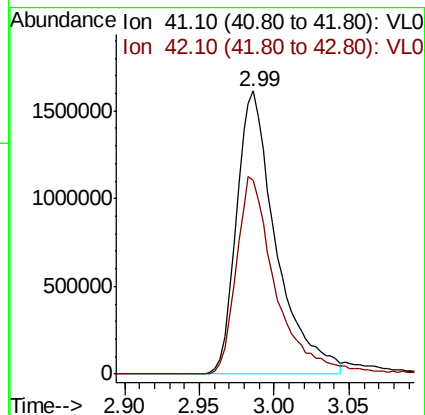
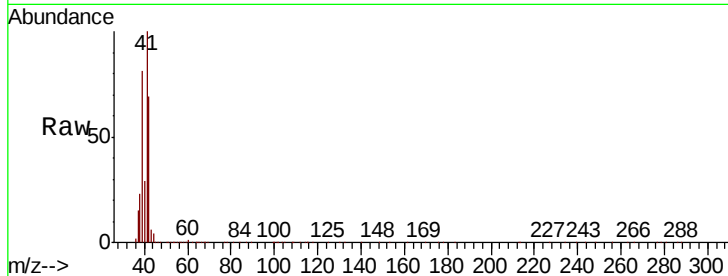
Ion Ratio Lower Upper

41 100

42 69.8 56.2 84.2

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#10

Heptane

Concen: 0.430 ppbv m

RT: 8.09 min Scan# 1649

Delta R.T. -0.01 min

Lab File: VL036402.D

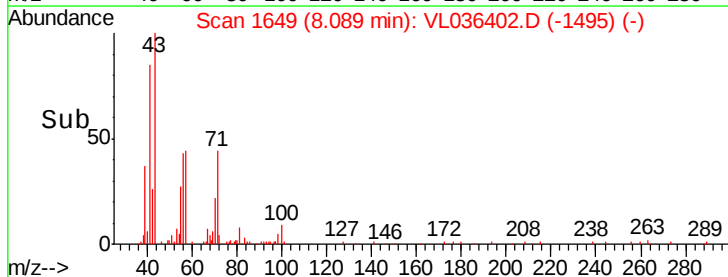
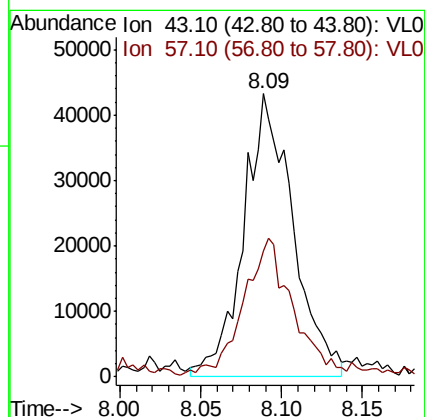
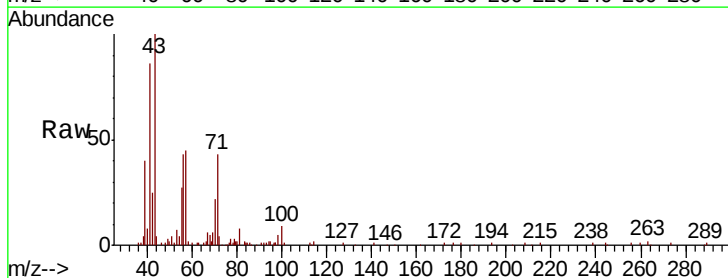
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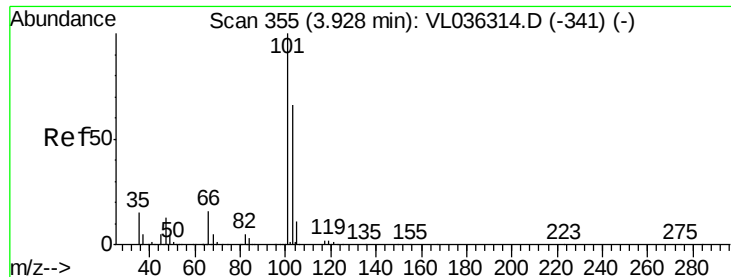
Tgt Ion: 43 Resp: 92234

Ion Ratio Lower Upper

43 100

57 0.0 39.4 59.2#





#11

Trichlorofluoromethane

Concen: 1.854 ppbv

RT: 3.92 min Scan# 353

Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Instrument :

MSVOA\_L

ClientSampled :

Tot Ion:101 Resp: 426077

Ion Ratio Lower Upper

101 100

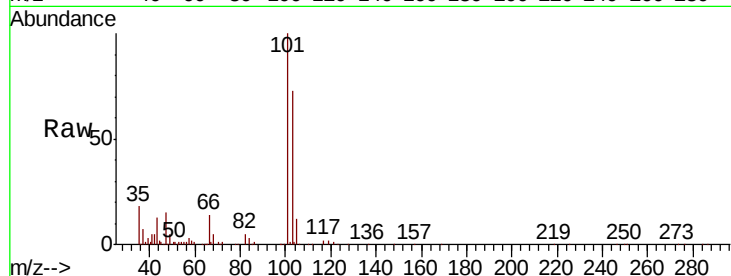
103 72.7 52.9 79.3

Manual Integrations

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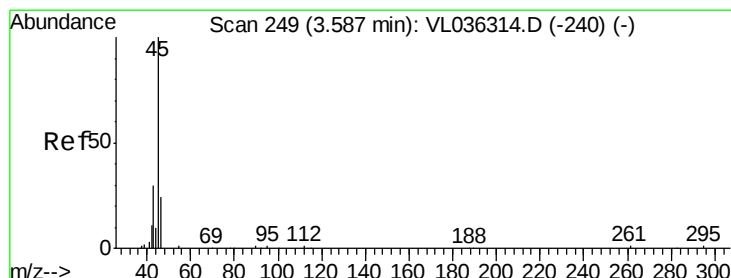
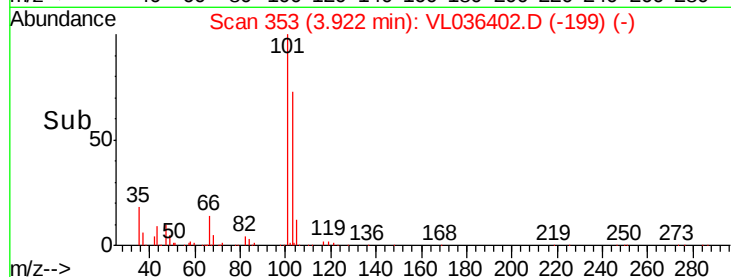
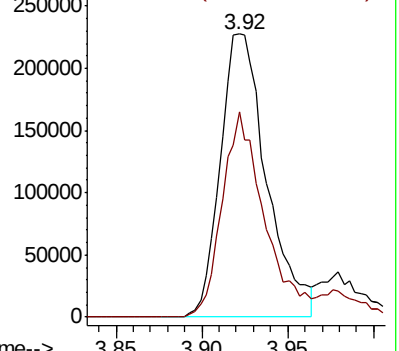
MMDadoda

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 26.791 ppbv m

RT: 3.58 min Scan# 247

Delta R.T. -0.01 min

Lab File: VL036402.D

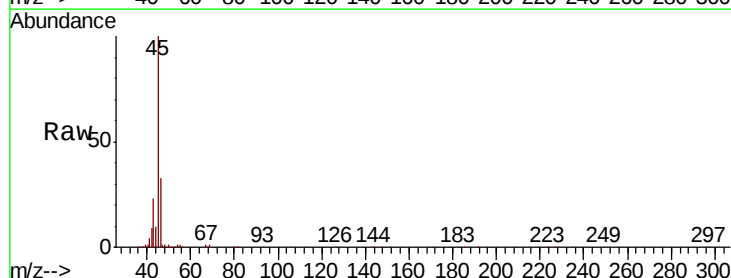
Acq: 26 Feb 2021 14:52

Tgt Ion: 45 Resp: 366490

Ion Ratio Lower Upper

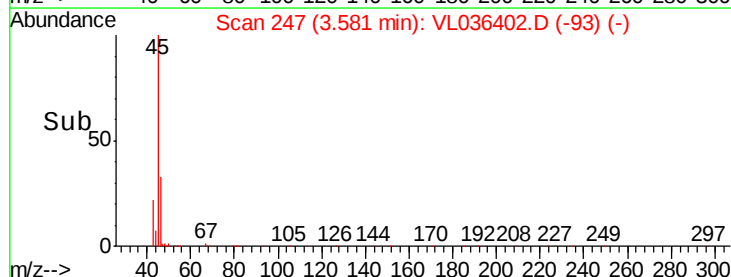
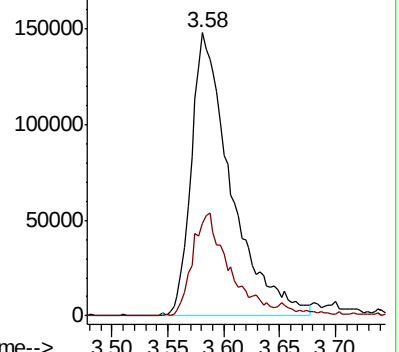
45 100

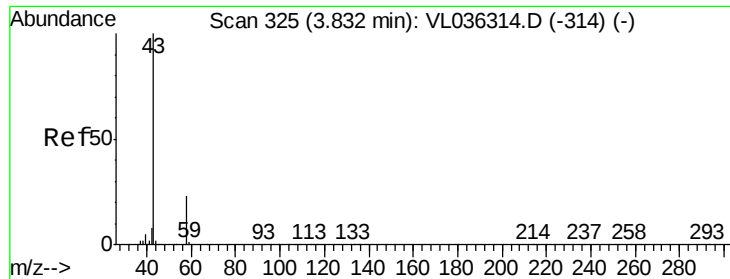
46 36.1 17.7 70.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





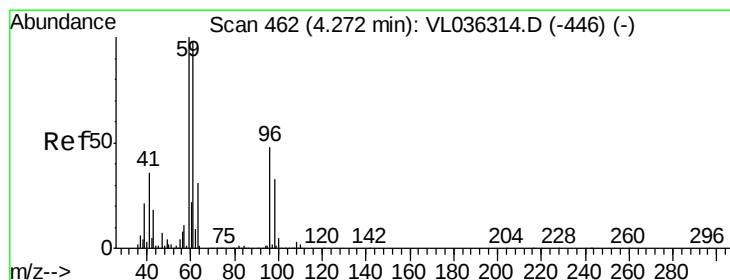
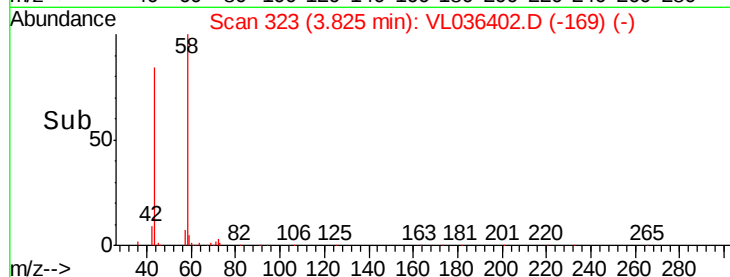
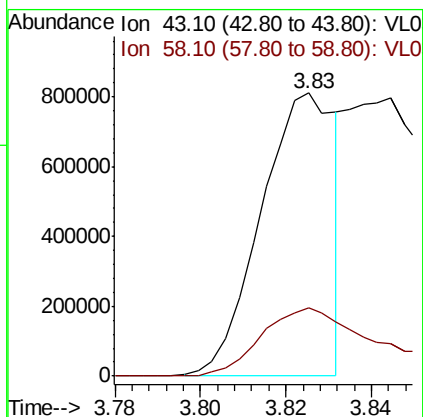
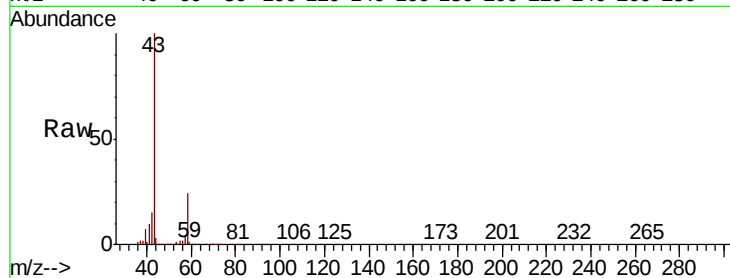
#15  
Acetone  
Concen: 5.111 ppbv m  
RT: 3.83 min Scan# 323  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampled :

Tot Ion: 43 Resp: 982253  
Ion Ratio Lower Upper  
43 100  
58 44.7 20.3 30.5#

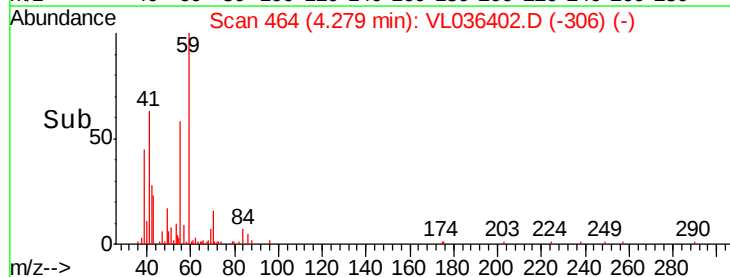
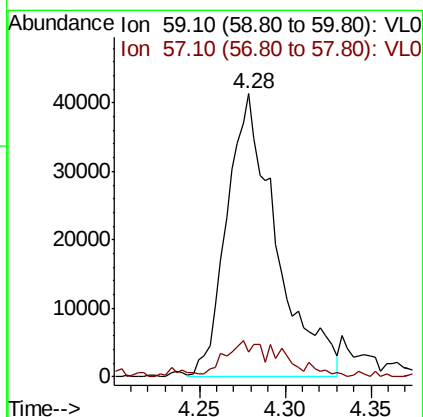
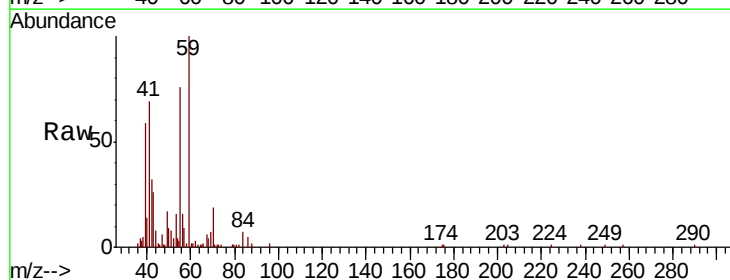
Manual Integrations  
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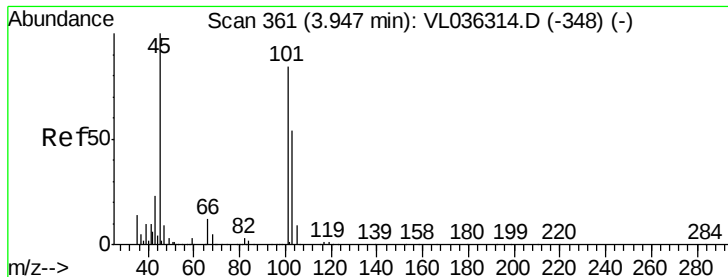
MMDadoda  
3/1/2021 10:52:49 AM



#17  
tert-Butyl alcohol  
Concen: 0.558 ppbv m  
RT: 4.28 min Scan# 464  
Delta R.T. 0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Tgt Ion: 59 Resp: 83204  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.0 13.4#





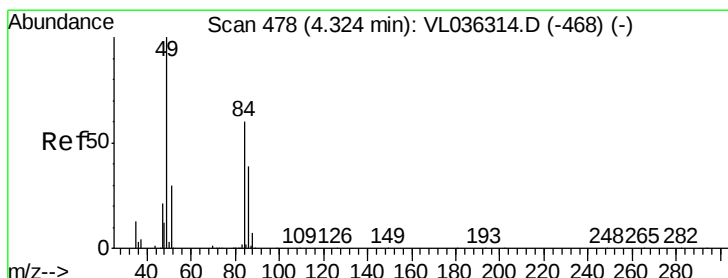
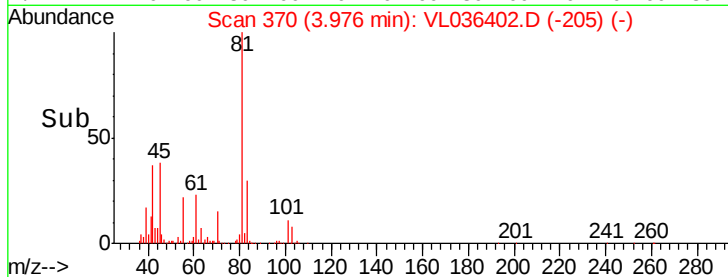
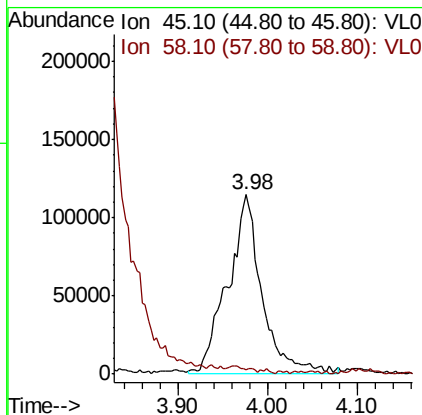
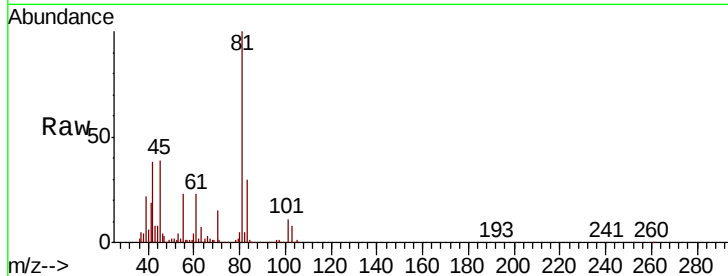
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Isopropyl Alcohol  
Concen: 2.885 ppbv  
RT: 3.98 min Scan# 370  
Delta R.T. 0.03 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampleId :

Tot Ion: 45 Resp: 307167  
Ion Ratio Lower Upper  
45 100  
58 0.0 1.9 2.9#

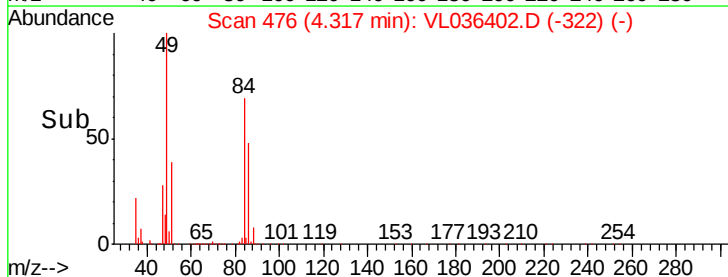
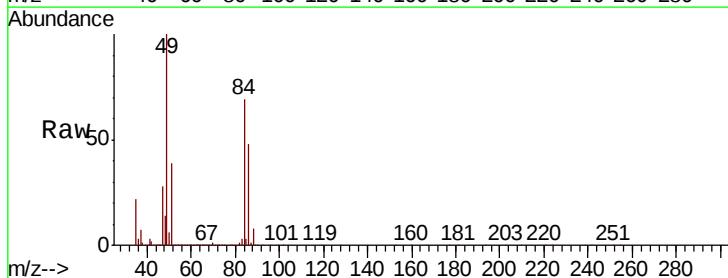
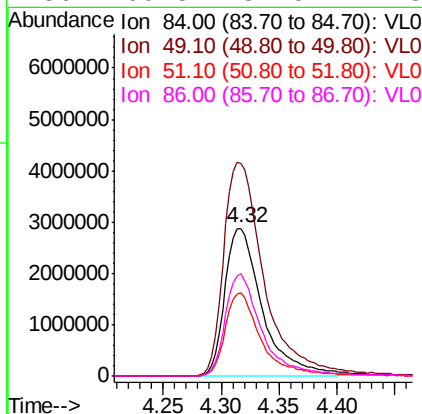
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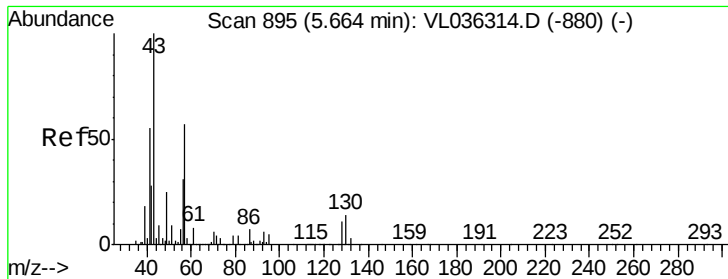
MMDadoda  
3/1/2021 10:52:49 AM



#20  
Methylene Chloride  
Concen: 104.366 ppbv  
RT: 4.32 min Scan# 476  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

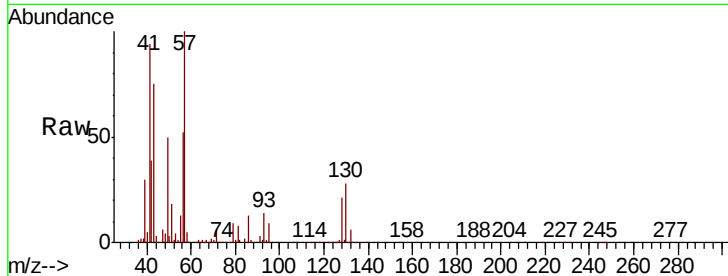
Tgt Ion: 84 Resp: 6470781  
Ion Ratio Lower Upper  
84 100  
49 143.9 133.8 200.8  
51 56.4 41.4 62.0  
86 69.8 51.5 77.3





#26  
Hexane  
Concen: 8.018 ppbv  
RT: 5.65 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

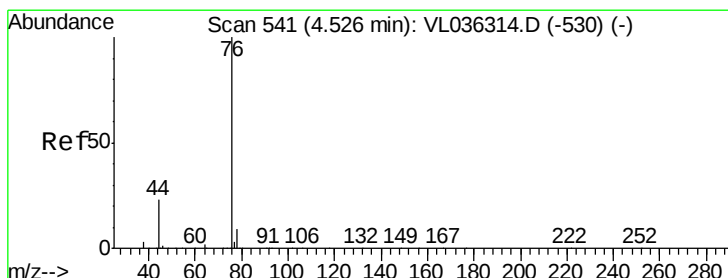
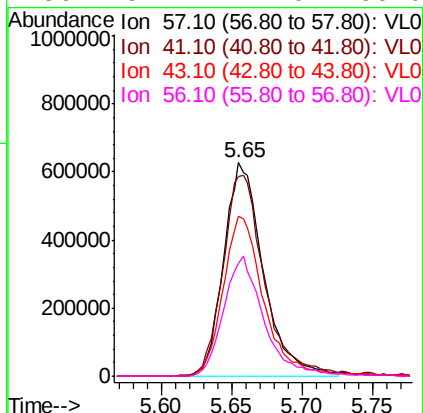
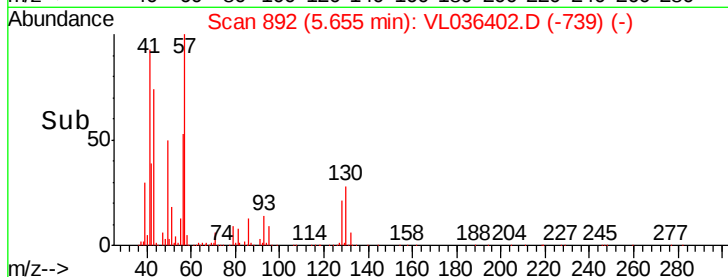
Instrument :  
MSVOA\_L  
ClientSampled :



Tot Ion: 57 Resp: 1222298  
Ion Ratio Lower Upper  
57 100  
41 102.4 81.7 122.5  
43 78.0 199.1 298.7#  
56 57.7 44.0 66.0

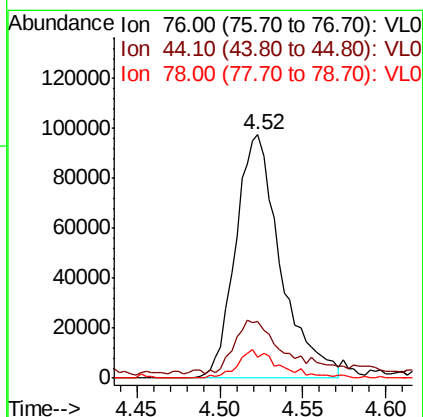
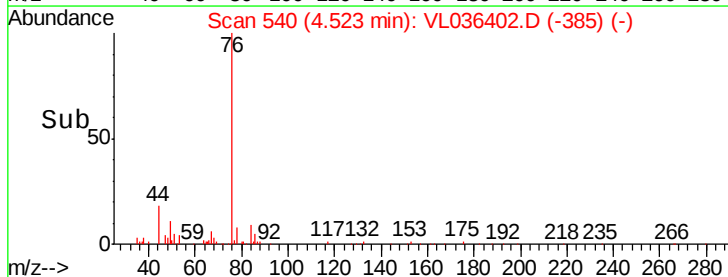
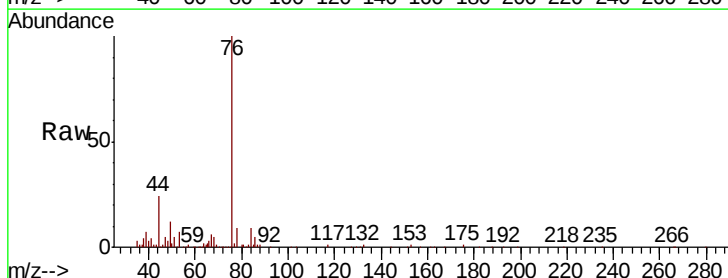
Manual Integrations  
APPROVED

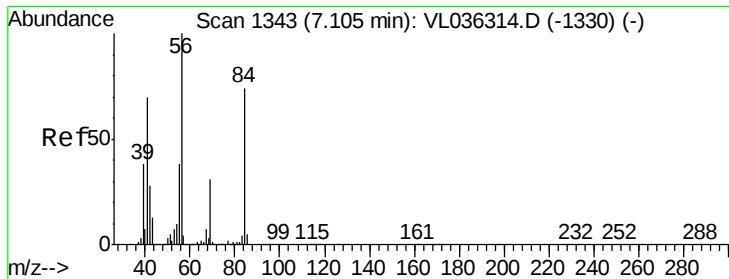
MMDadoda  
3/1/2021 10:52:49 AM



#27  
Carbon Disulfide  
Concen: 1.316 ppbv  
RT: 4.52 min Scan# 540  
Delta R.T. -0.00 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Tgt Ion: 76 Resp: 184337  
Ion Ratio Lower Upper  
76 100  
44 27.9 18.4 27.6#  
78 11.1 8.0 12.0





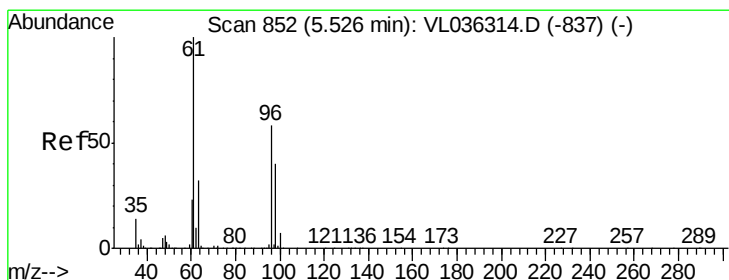
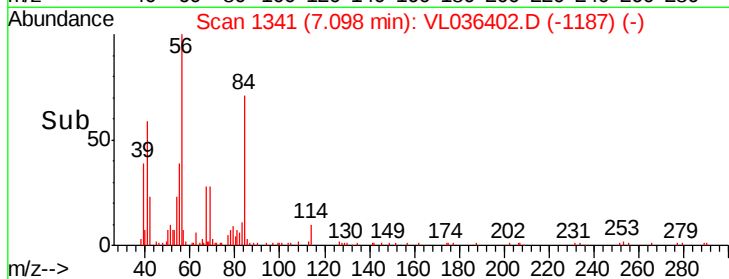
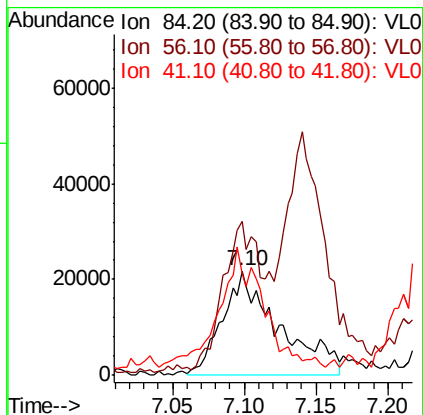
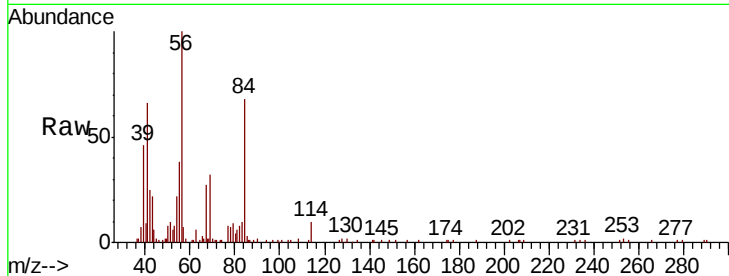
#30  
Cyclohexane  
Concen: 0.470 ppbv m  
RT: 7.10 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 84      | 100   |       |        |
| 56      | 101.8 | 120.2 | 180.4# |
| 41      | 97.4  | 79.7  | 119.5  |

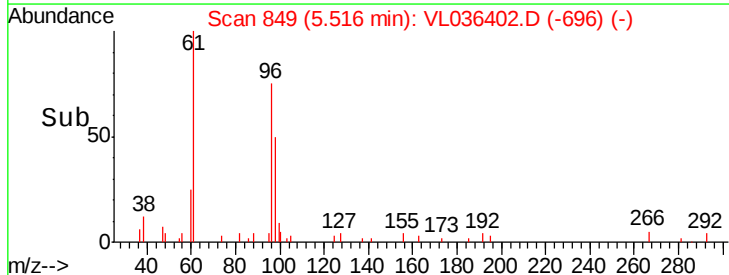
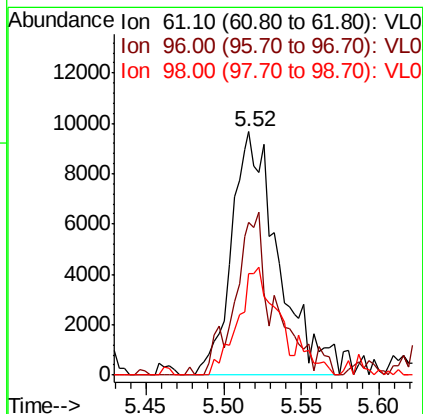
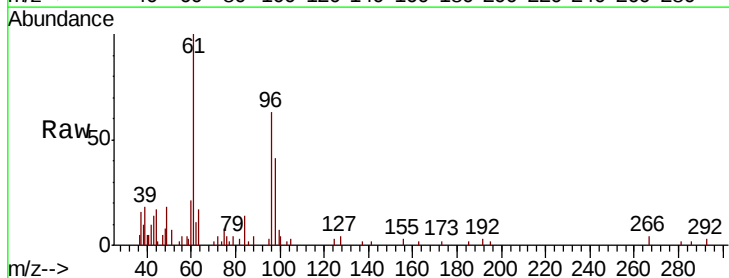
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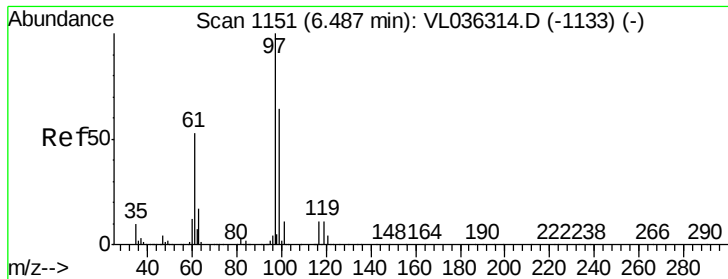
MMDadoda  
3/1/2021 10:52:49 AM



#31  
cis-1,2-Dichloroethene  
Concen: 0.135 ppbv m  
RT: 5.52 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 61      | 100   |       |       |
| 96      | 62.6  | 46.0  | 69.0  |
| 98      | 41.4  | 31.9  | 47.9  |





#32

1,1,1-Trichloroethane

Concen: 0.045 ppbv

RT: 6.48 min Scan# 1150

Delta R.T. -0.00 min

Lab File: VL036402.D

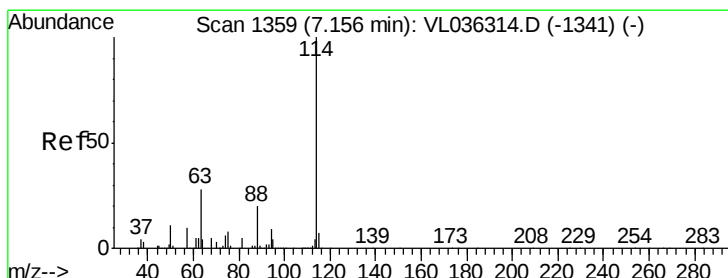
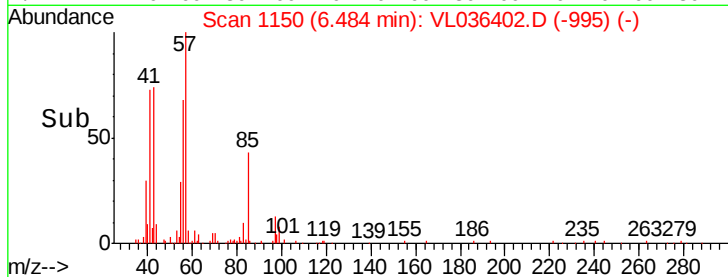
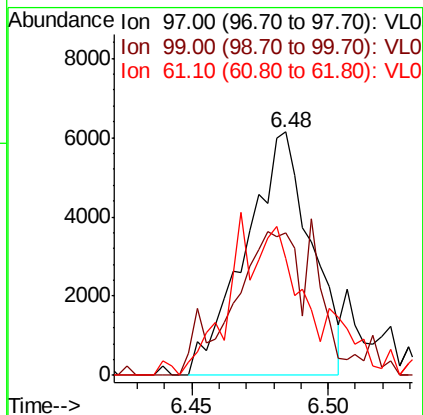
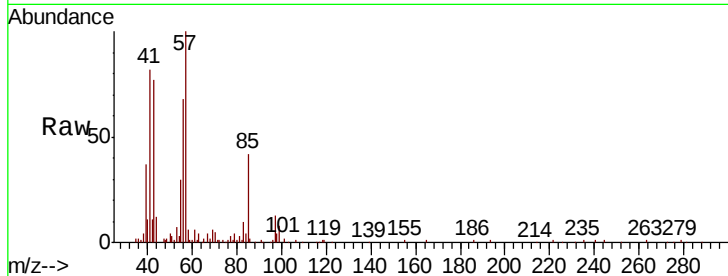
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 97    | Resp: | 10218 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 78.3  | 52.2  | 78.4  |
| 61        | 78.9  | 43.3  | 64.9# |

Manual Integrations  
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

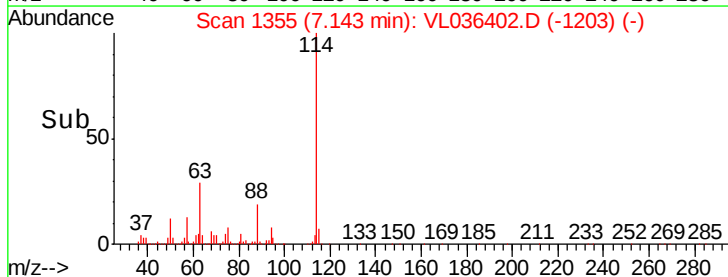
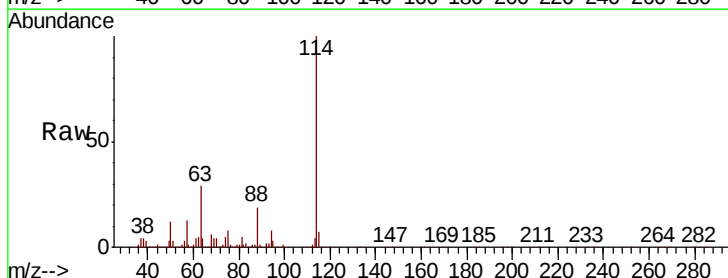
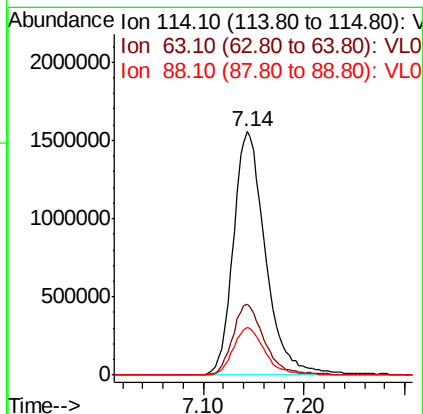
RT: 7.14 min Scan# 1355

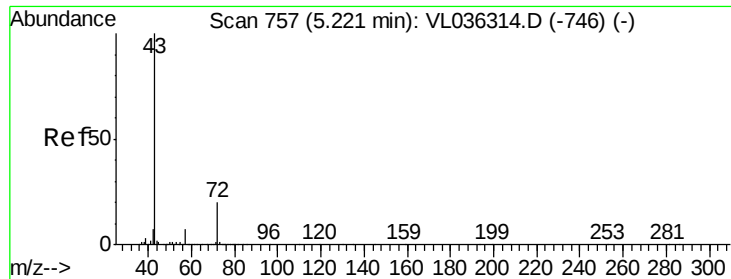
Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 114   | Resp: | 3433474 |
| Ion Ratio | Lower | Upper |         |
| 114       | 100   |       |         |
| 63        | 29.1  | 24.1  | 36.1    |
| 88        | 19.5  | 16.0  | 24.0    |





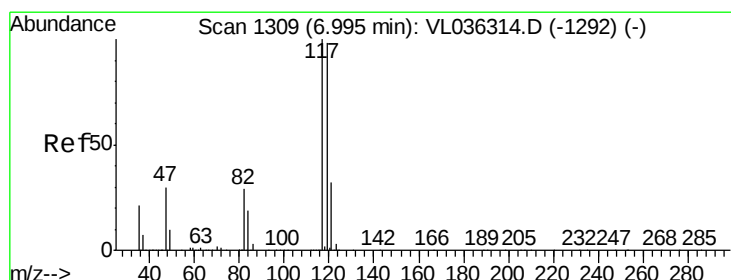
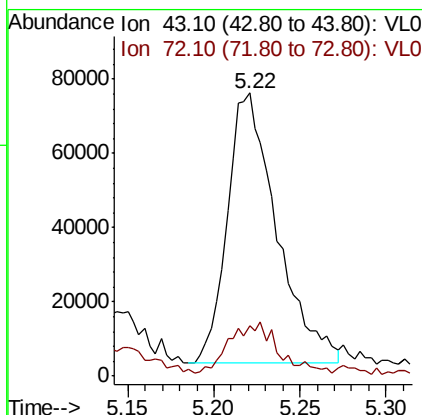
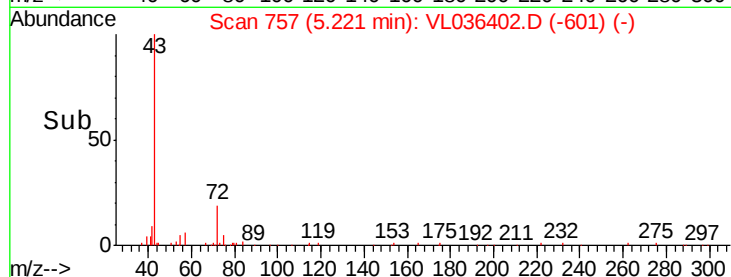
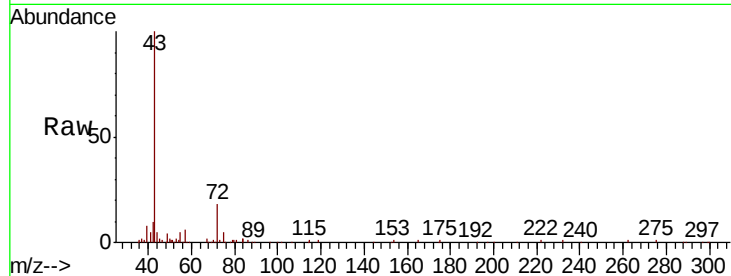
#34  
2-Butanone  
Concen: 0.638 ppbv  
RT: 5.22 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 22.4  | 16.7  | 25.1  |

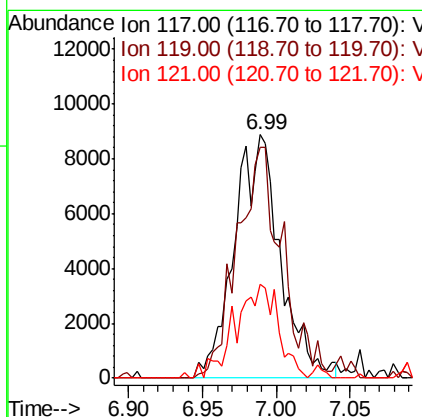
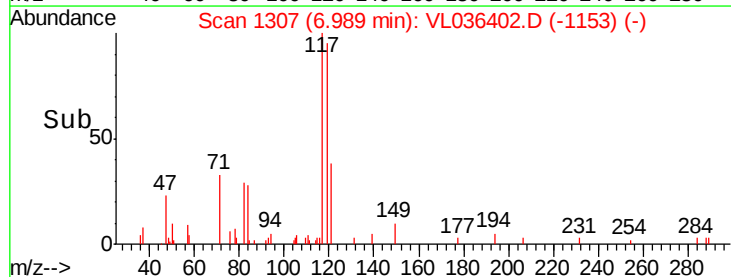
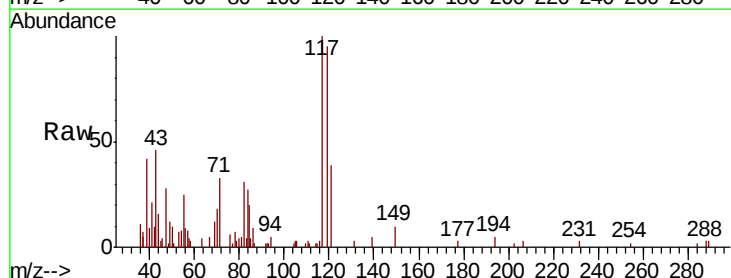
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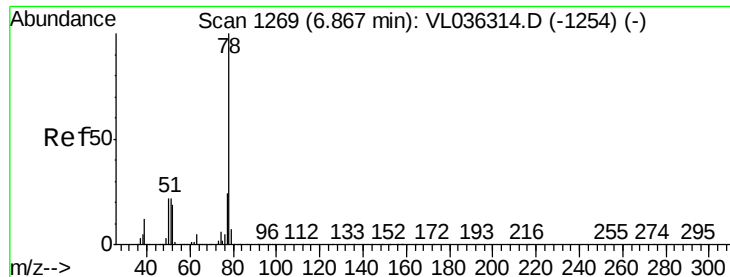
MMDadoda  
3/1/2021 10:52:49 AM



#35  
Carbon Tetrachloride  
Concen: 0.083 ppbv m  
RT: 6.99 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.6  | 78.1  | 117.1 |
| 121     | 38.6  | 25.8  | 38.8  |





#36

Benzene

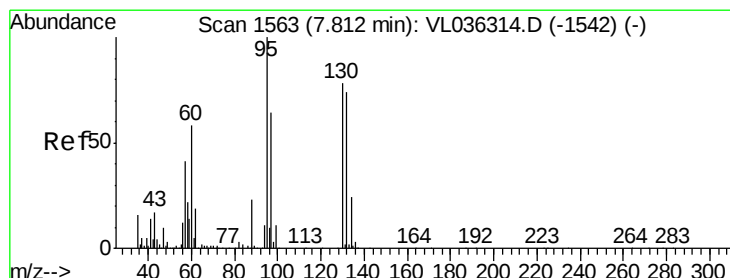
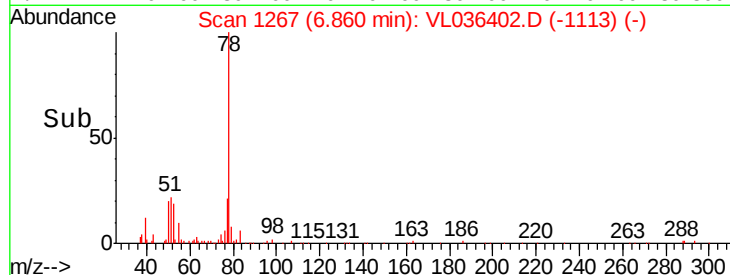
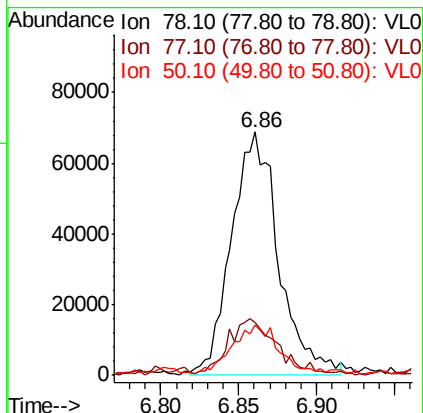
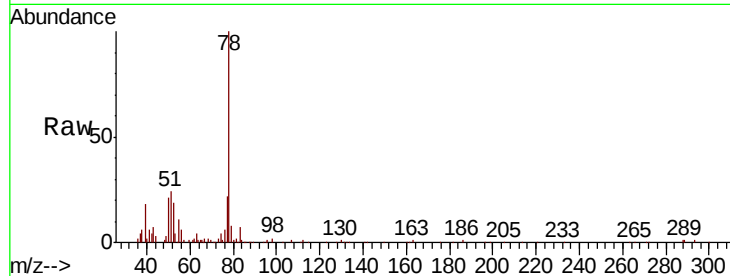
Concen: 0.494 ppbv m  
RT: 6.86 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.7  | 18.9  | 28.3  |
| 50      | 20.9  | 17.3  | 25.9  |

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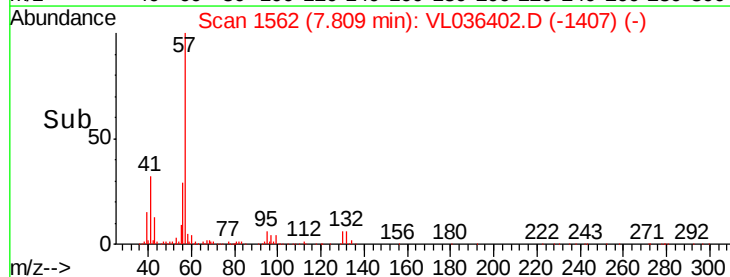
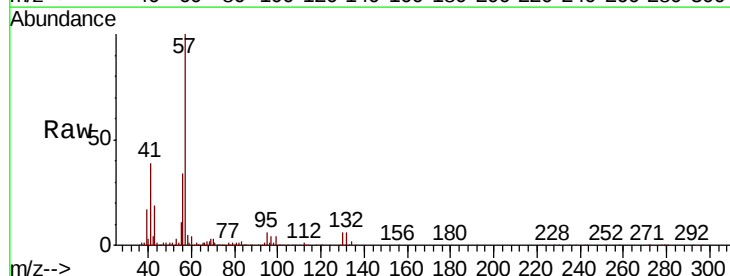
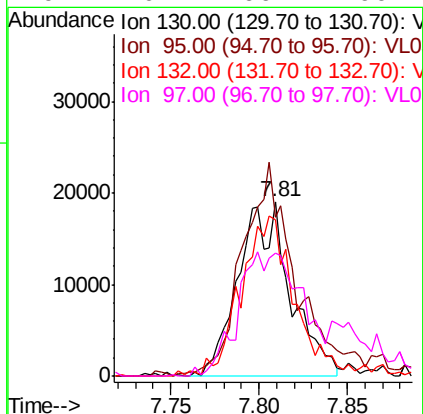


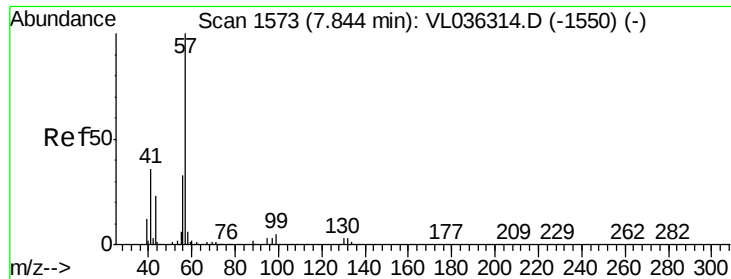
#38

Trichloroethene

Concen: 0.370 ppbv m  
RT: 7.81 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 130     | 100   |       |        |
| 95      | 91.3  | 102.8 | 154.2# |
| 132     | 89.4  | 75.7  | 113.5  |
| 97      | 70.2  | 66.2  | 99.2   |





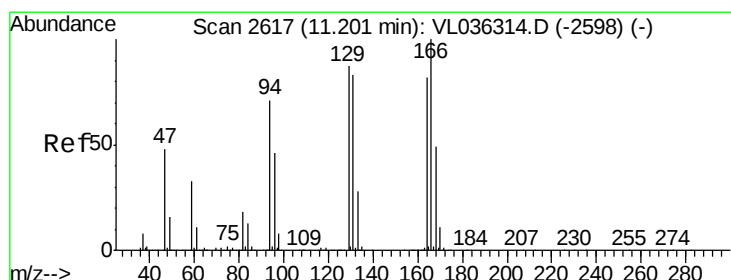
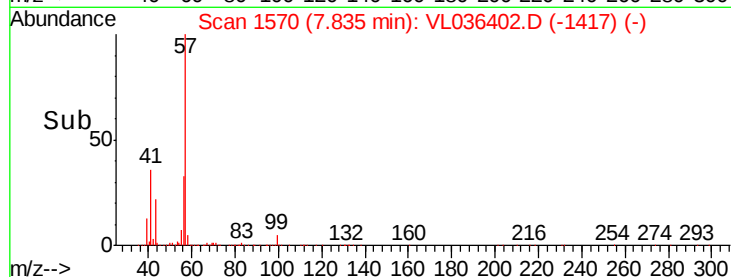
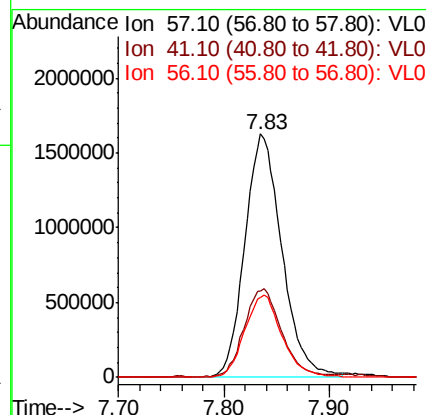
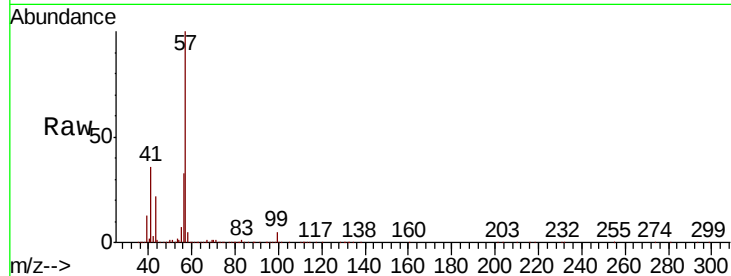
#44  
 2,2,4-Trimethylpentane  
 Concen: 7.496 ppbv  
 RT: 7.83 min Scan# 1570  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

Instrument :  
 MSVOA\_L  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 57      | 100   |       |       |
| 41      | 37.9  | 28.8  | 43.2  |
| 56      | 34.5  | 25.8  | 38.6  |

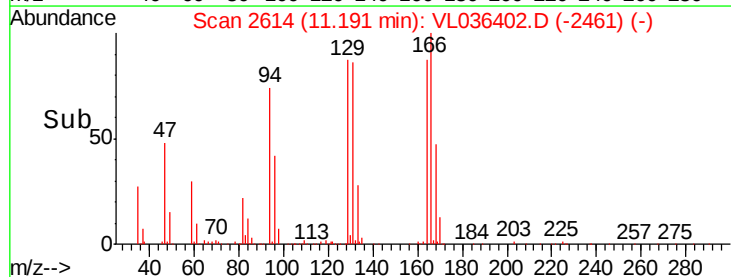
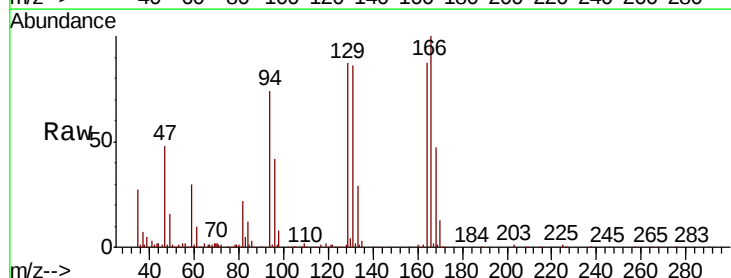
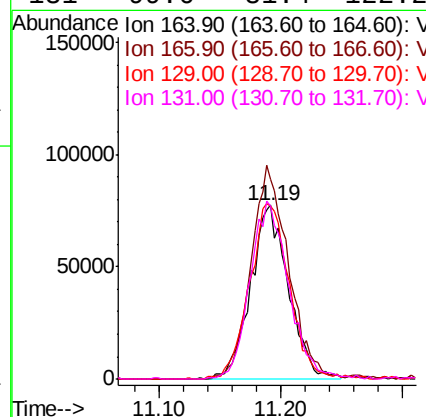
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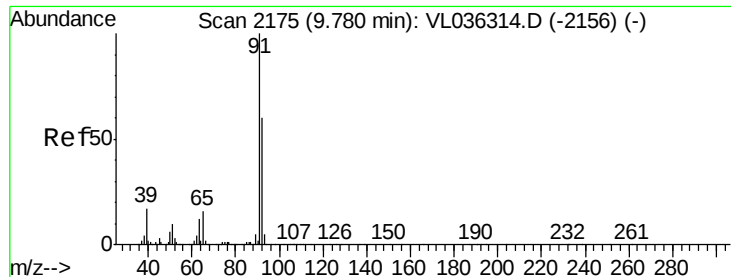
MMDadoda  
 3/1/2021 10:52:49 AM



#52  
 Tetrachloroethene  
 Concen: 1.582 ppbv m  
 RT: 11.19 min Scan# 2614  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 115.2 | 97.8  | 146.8 |
| 129     | 100.0 | 84.9  | 127.3 |
| 131     | 99.6  | 81.4  | 122.2 |





#53

Toluene

Concen: 4.418 ppbv

RT: 9.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Instrument :

MSVOA\_L

ClientSampleId :

Tot Ion: 91 Resp: 1395671

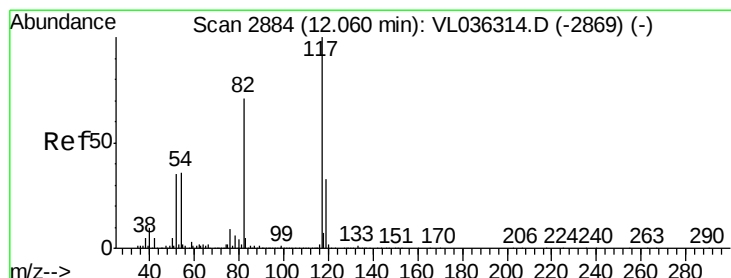
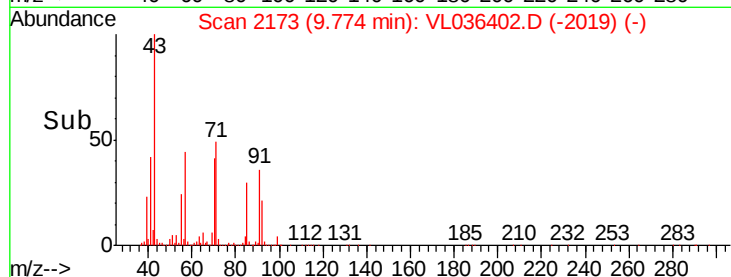
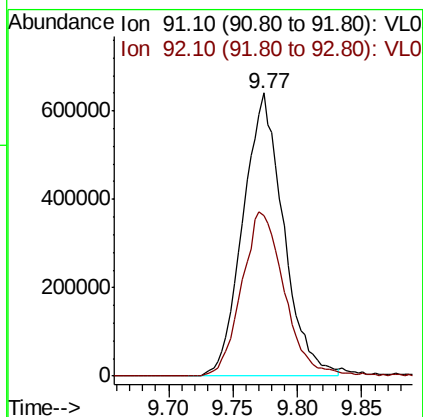
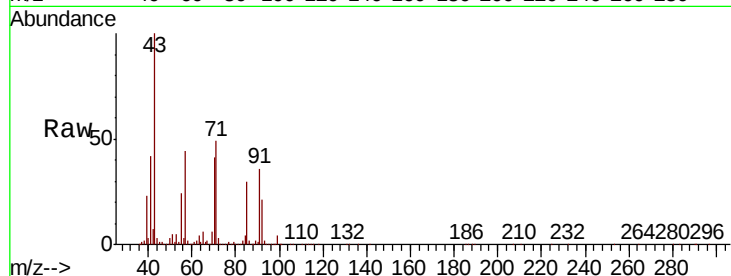
Ion Ratio Lower Upper

91 100

92 61.6 48.6 72.8

Manual Integrations  
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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2881

Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

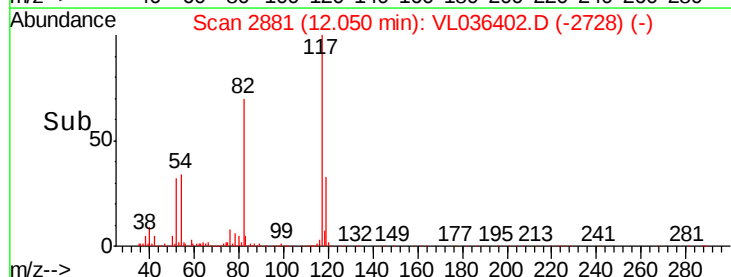
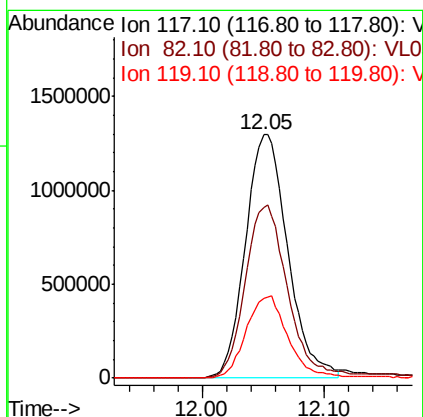
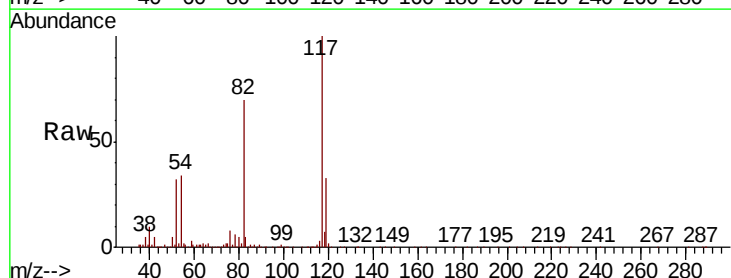
Tgt Ion: 117 Resp: 3113493

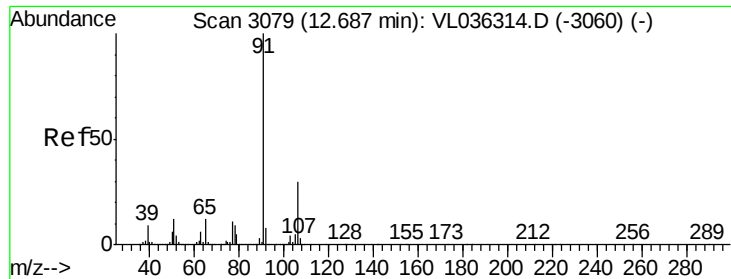
Ion Ratio Lower Upper

117 100

82 74.1 59.1 88.7

119 33.9 46.3 69.5#





#58

Ethyl Benzene

Concen: 0.857 ppbv

RT: 12.68 min Scan# 3077

Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Instrument :

MSVOA\_L

ClientSampleId :

Tot Ion: 91 Resp: 365321

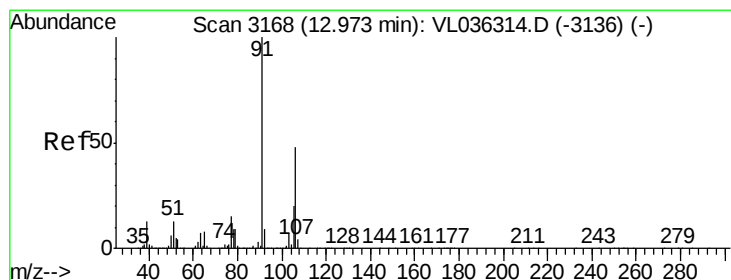
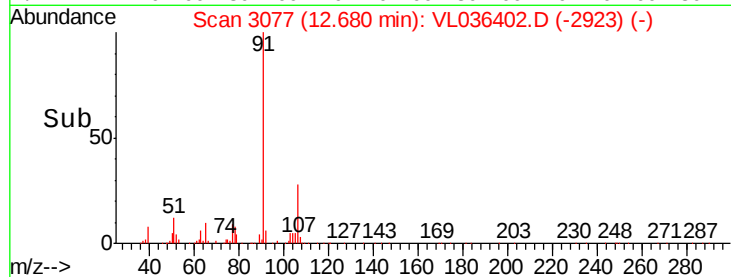
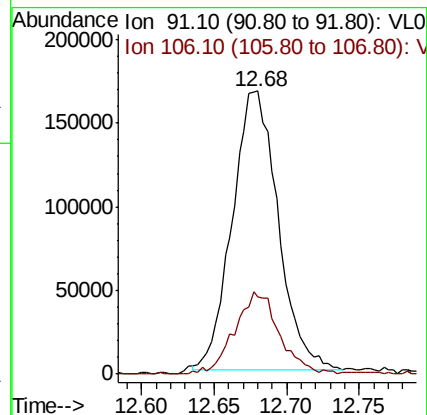
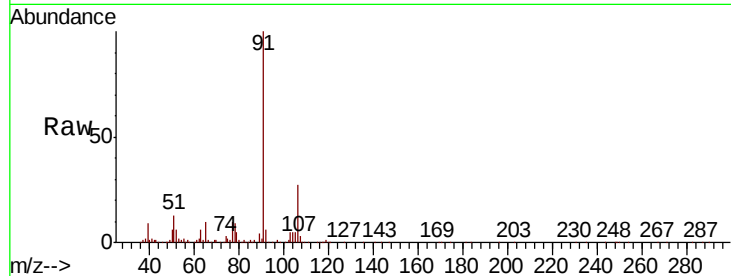
Ion Ratio Lower Upper

91 100

106 27.1 23.8 35.6

Manual Integrations  
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3/1/2021 10:52:49 AM



#59

m/p-Xylene

Concen: 3.743 ppbv

RT: 12.93 min Scan# 3155

Delta R.T. -0.04 min

Lab File: VL036402.D

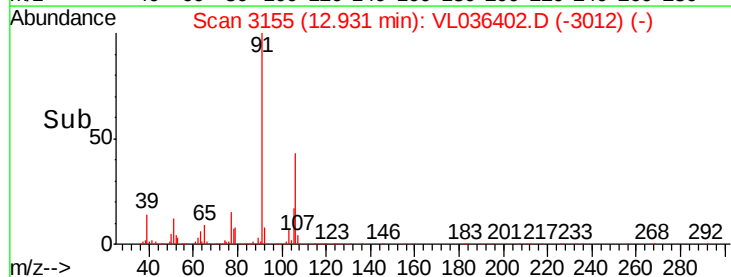
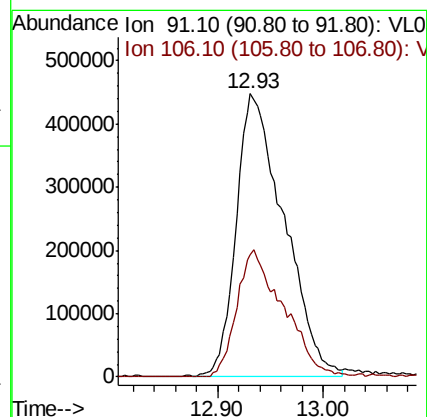
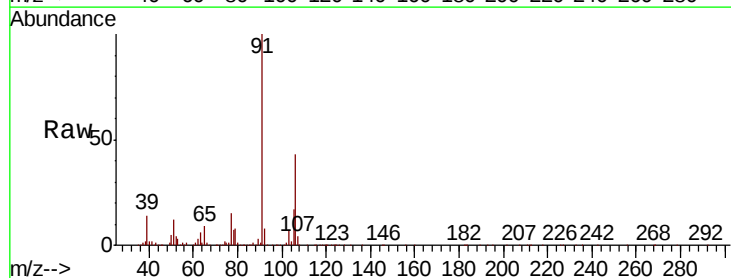
Acq: 26 Feb 2021 14:52

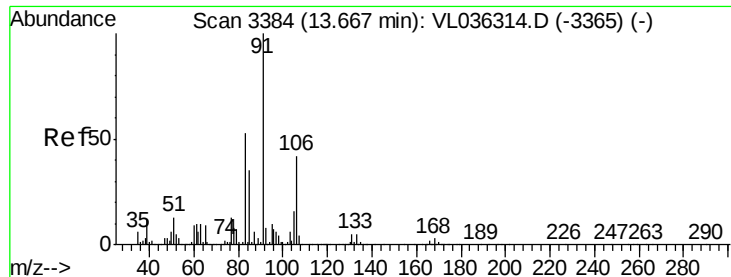
Tgt Ion: 91 Resp: 1401857

Ion Ratio Lower Upper

91 100

106 44.0 34.2 51.2





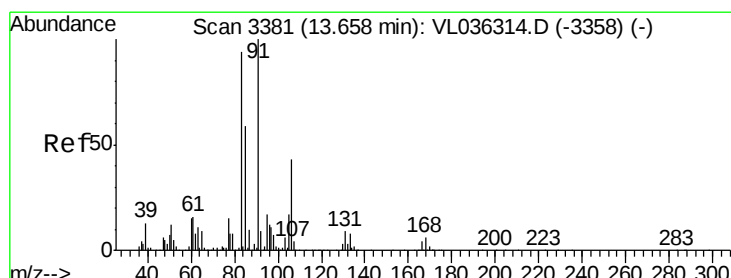
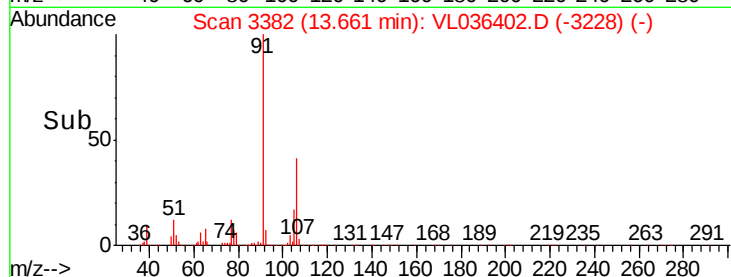
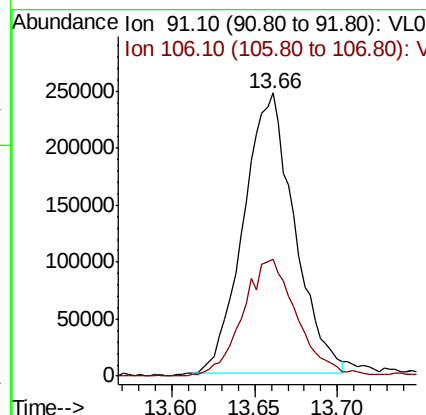
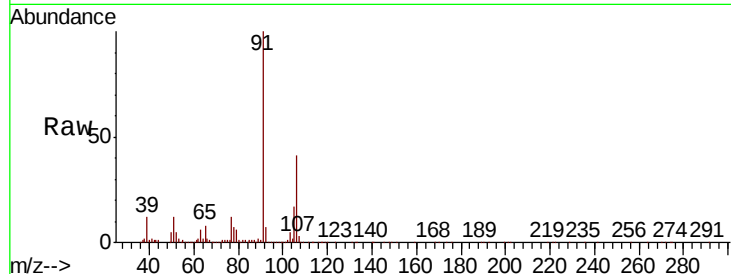
#60  
o-Xylene  
Concen: 1.477 ppbv  
RT: 13.66 min Scan# 3382  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
Client Sampled :

Tot Ion: 91 Resp: 528908  
Ion Ratio Lower Upper  
91 100  
106 44.9 22.0 66.0

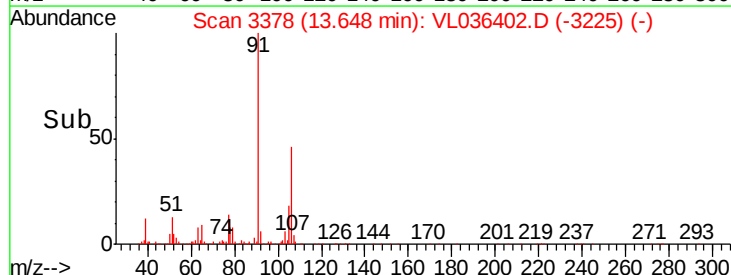
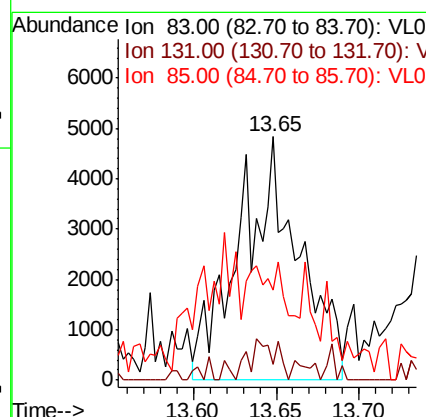
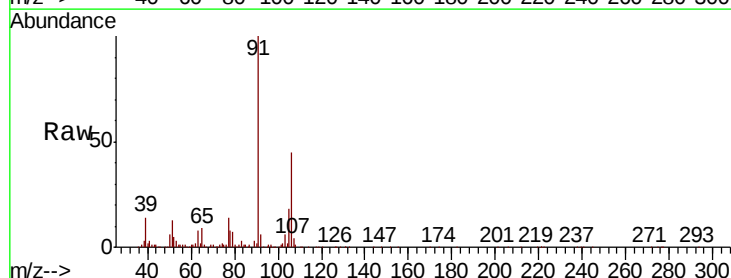
Manual Integrations  
APPROVED

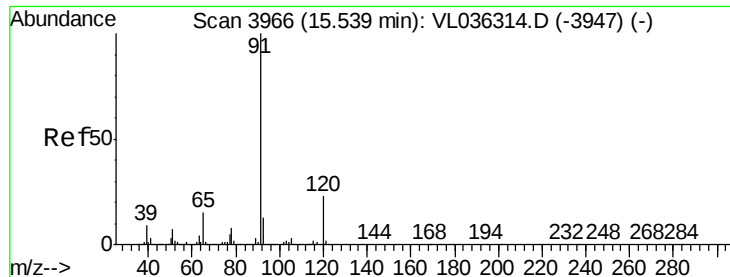
MMDadoda  
3/1/2021 10:52:49 AM



#63  
1,1,2,2-Tetrachloroethane  
Concen: 0.043 ppbv m  
RT: 13.65 min Scan# 3378  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Tgt Ion: 83 Resp: 12069  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.7 14.0#  
85 0.0 33.0 98.9#





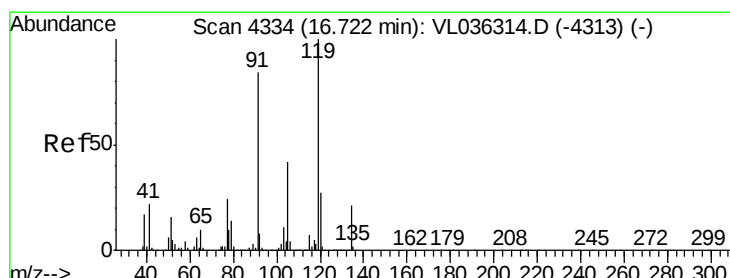
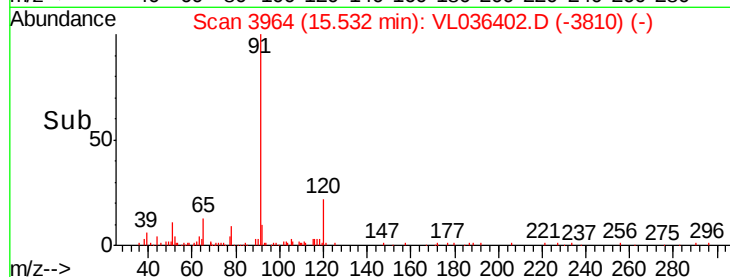
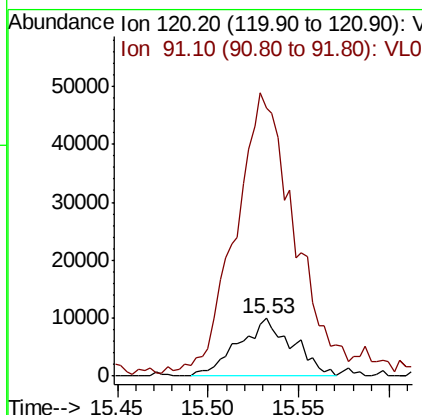
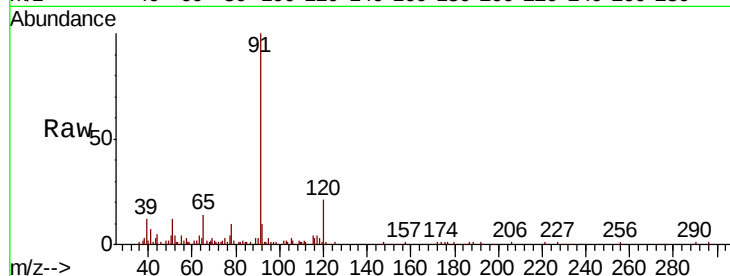
#64  
n-propylbenzene  
Concen: 0.157 ppbv m  
RT: 15.53 min Scan# 3964  
Delta R.T. -0.01 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Instrument :  
MSVOA\_L  
ClientSampled :

Tot Ion:120 Resp: 20741  
Ion Ratio Lower Upper  
120 100  
91 558.0 387.2 580.8

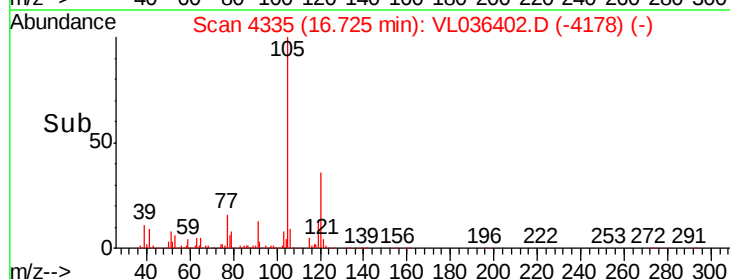
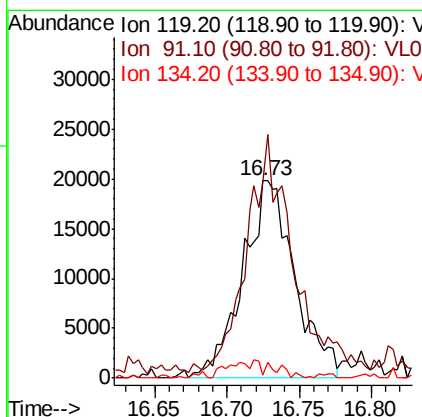
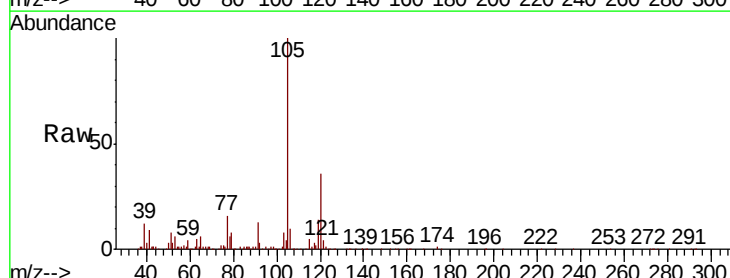
Manual Integrations  
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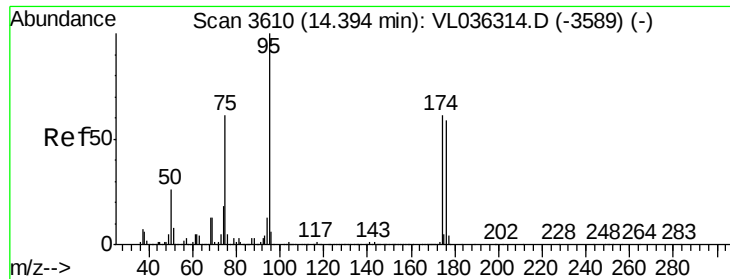
MMDadoda  
3/1/2021 10:52:49 AM



#65  
tert-Butylbenzene  
Concen: 0.108 ppbv m  
RT: 16.73 min Scan# 4335  
Delta R.T. 0.00 min  
Lab File: VL036402.D  
Acq: 26 Feb 2021 14:52

Tgt Ion:119 Resp: 49819  
Ion Ratio Lower Upper  
119 100  
91 0.0 70.5 105.7#  
134 0.0 15.8 23.8#





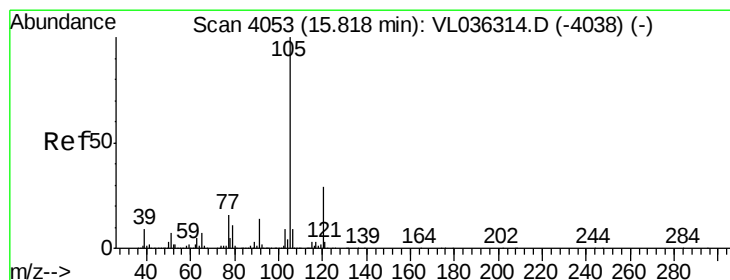
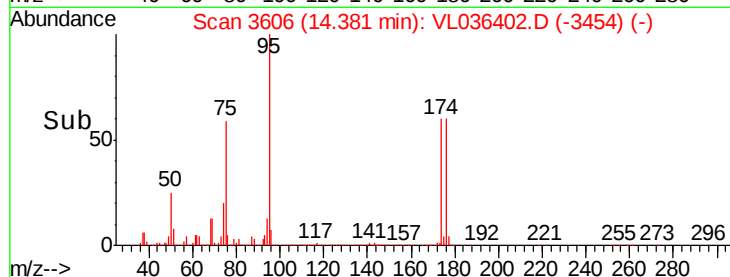
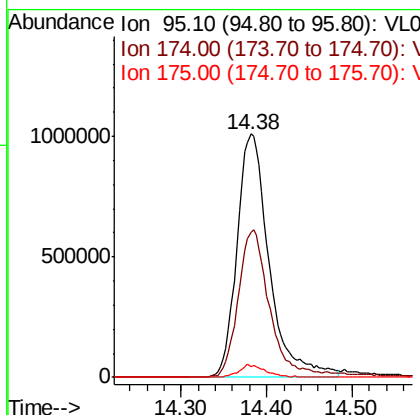
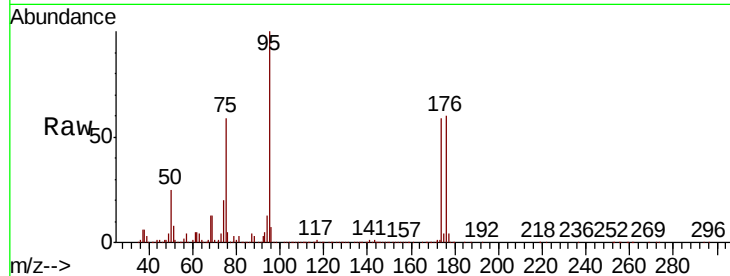
#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.322 ppbv m  
 RT: 14.38 min Scan# 3606  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Tot Ion: 95 Resp: 2644104  
 Ion Ratio Lower Upper  
 95 100  
 174 61.9 49.8 74.6  
 175 4.6 3.7 5.5

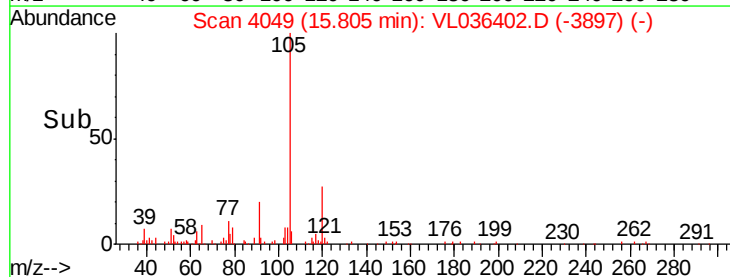
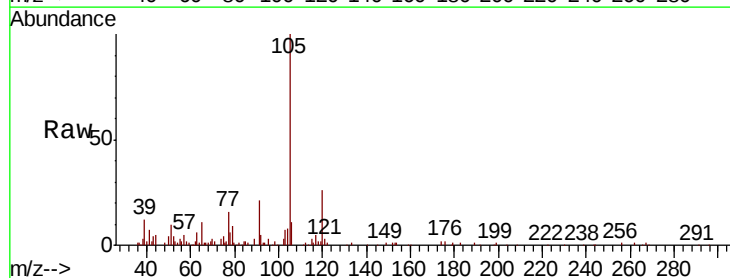
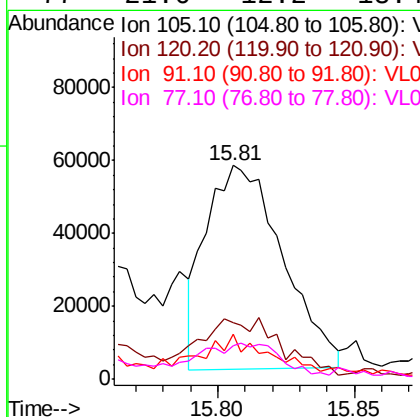
Manual Integrations  
 APPROVED

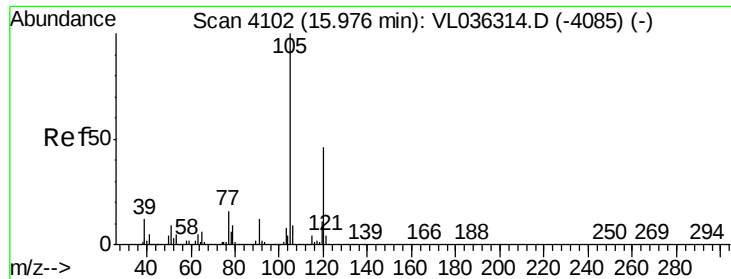
MMDadoda  
 3/1/2021 10:52:49 AM



#72  
 4-Ethyltoluene  
 Concen: 0.274 ppbv  
 RT: 15.81 min Scan# 4049  
 Delta R.T. -0.01 min  
 Lab File: VL036402.D  
 Acq: 26 Feb 2021 14:52

Tgt Ion:105 Resp: 109245  
 Ion Ratio Lower Upper  
 105 100  
 120 38.0 23.2 34.8#  
 91 24.3 11.0 16.4#  
 77 21.6 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.212 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.00 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Instrument :

MSVOA\_L

ClientSampled :

Tot Ion:105 Resp: 82066

Ion Ratio Lower Upper

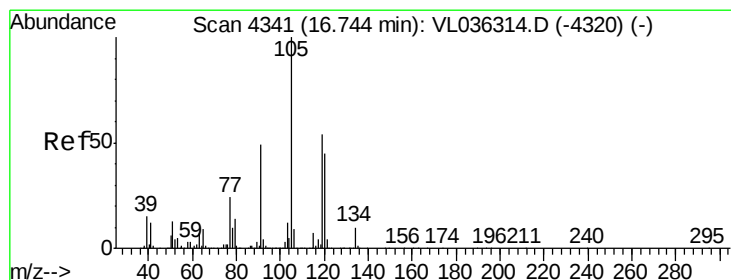
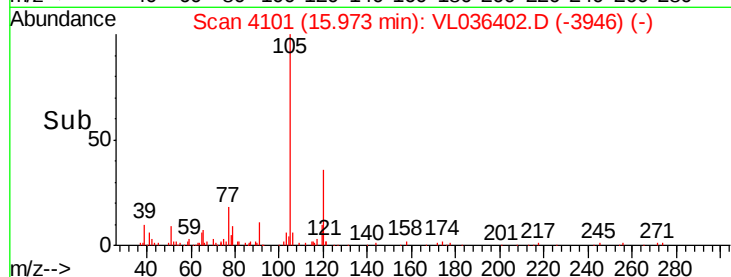
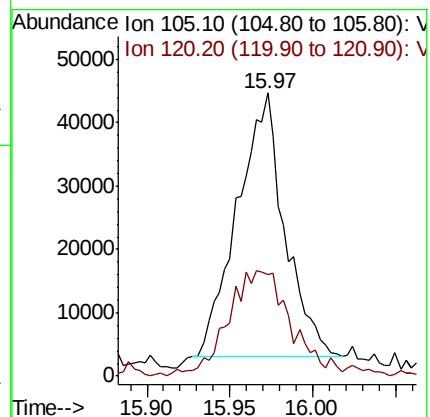
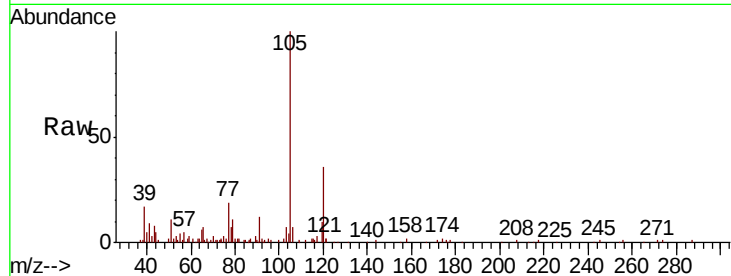
105 100

120 37.0 36.9 55.3

Manual Integrations  
APPROVED

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3/1/2021 10:52:49 AM



#74

1,2,4-Trimethylbenzene

Concen: 0.947 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. -0.01 min

Lab File: VL036402.D

Acq: 26 Feb 2021 14:52

Tgt Ion:105 Resp: 373618

Ion Ratio Lower Upper

105 100

120 31.8 35.8 53.6#

91 10.2 39.8 59.6#

77 15.7 19.1 28.7#

