

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\  
 Data File : VL035359.D  
 Acq On : 6 Aug 2020 21:10  
 Operator : SY/AP  
 Sample : L3554-03  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Aug 07 06:29:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Aug 05 13:04:46 2020  
 QLast Update : Wed Aug 05 13:04:46 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1317998  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3215049  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 3030008  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.44  | 95    | 2606362  | 10.31    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.10% |

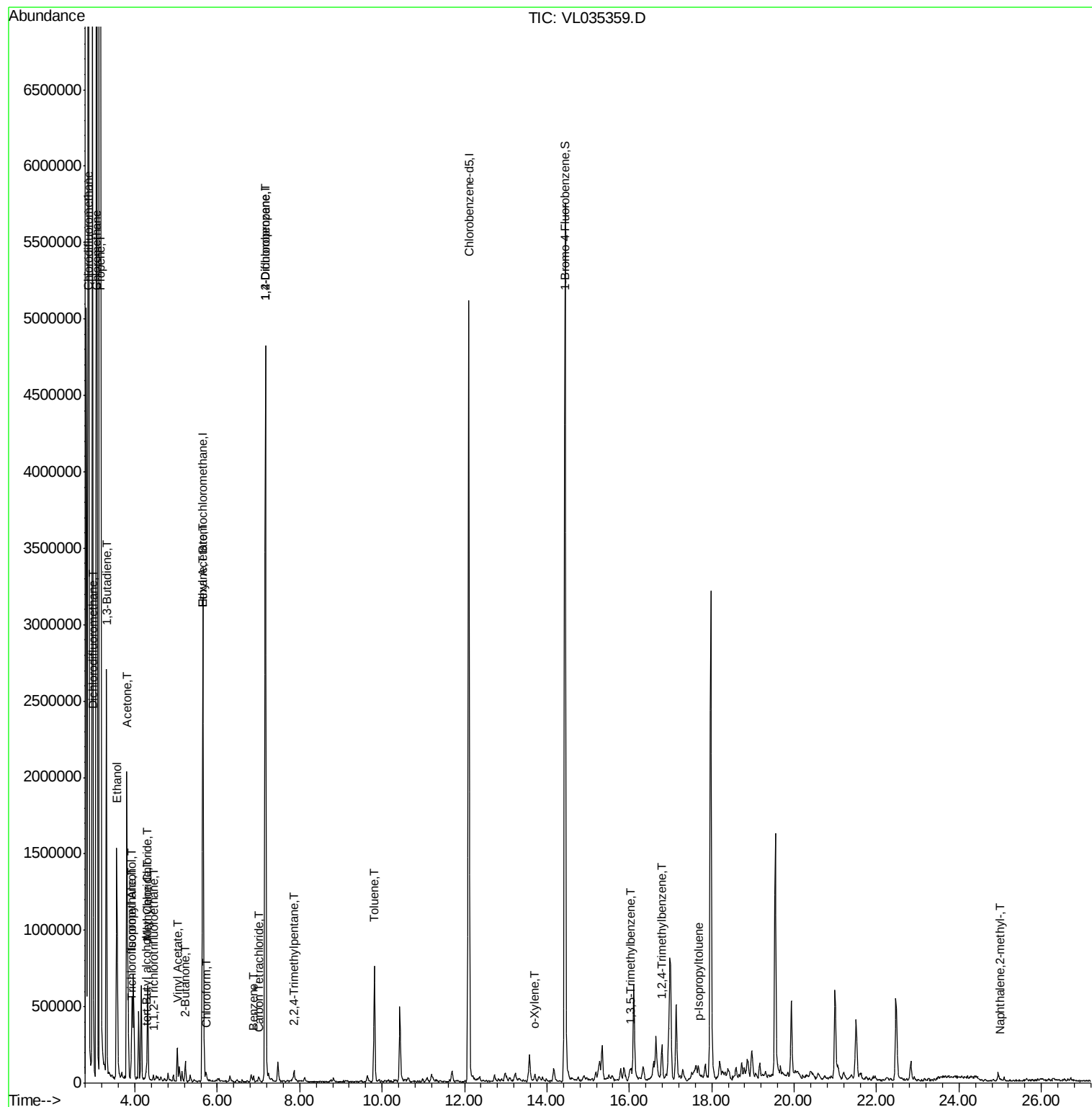
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.00  | 85   | 43369    | 0.247   | ppbv   | 95     |
| 3) Chlorodifluoromethane       | 2.87  | 51   | 2679622  | 17.810  | ppbv # | 56     |
| 4) Chloromethane               | 3.09  | 50   | 48560    | 0.570   | ppbv   | 93     |
| 9) Propene                     | 3.15  | 41   | 11127862 | 207.566 | ppbv   | 83     |
| 11) Trichlorofluoromethane     | 3.91  | 101  | 29299    | 0.129   | ppbv   | 99     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.45  | 101  | 7543     | 0.046   | ppbv # | 62     |
| 13) Ethanol                    | 3.56  | 45   | 1513757  | 81.867  | ppbv   | 98     |
| 15) Acetone                    | 3.81  | 43   | 2100200  | 11.221  | ppbv   | 100    |
| 16) 1,3-Butadiene              | 3.31  | 39   | 324722   | 4.508   | ppbv # | 12     |
| 17) tert-Butyl alcohol         | 4.26  | 59   | 9346     | 0.054   | ppbv # | 71     |
| 19) Isopropyl Alcohol          | 3.93  | 45   | 560622   | 4.725   | ppbv # | 95     |
| 20) Methylene Chloride         | 4.31  | 84   | 192632   | 2.524   | ppbv   | 92     |
| 21) Allyl Chloride             | 4.31  | 41   | 5940     | 0.055   | ppbv # | 80     |
| 23) Vinyl Acetate              | 5.03  | 43   | 90681    | 0.505   | ppbv # | 40     |
| 25) Ethyl Acetate              | 5.66  | 43   | 102893   | 0.362   | ppbv # | 91     |
| 26) Hexane                     | 5.66  | 57   | 65327    | 0.530   | ppbv # | 55     |
| 29) Chloroform                 | 5.73  | 83   | 22064    | 0.104   | ppbv   | 85     |
| 34) 2-Butanone                 | 5.22  | 43   | 123382   | 0.779   | ppbv   | 99     |
| 35) Carbon Tetrachloride       | 7.01  | 117  | 7809     | 0.035   | ppbv # | 48     |
| 36) Benzene                    | 6.88  | 78   | 15503    | 0.071   | ppbv   | 92     |
| 39) 1,2-Dichloropropane        | 7.17  | 63   | 860095   | 9.786   | ppbv # | 23     |
| 44) 2,2,4-Trimethylpentane     | 7.86  | 57   | 11622    | 0.030   | ppbv # | 1      |
| 53) Toluene                    | 9.81  | 91   | 508265   | 2.152   | ppbv   | 97     |
| 60) o-Xylene                   | 13.71 | 91   | 16532    | 0.057   | ppbv # | 53     |
| 69) p-Isopropyltoluene         | 17.68 | 119  | 24486    | 0.053   | ppbv # | 45     |
| 73) 1,3,5-Trimethylbenzene     | 16.02 | 105  | 24323    | 0.076   | ppbv   | 90     |
| 74) 1,2,4-Trimethylbenzene     | 16.78 | 105  | 55322    | 0.152   | ppbv # | 62     |
| 80) Naphthalene,2-methyl-      | 25.01 | 142  | 3880     | 0.061   | ppbv   | 94     |

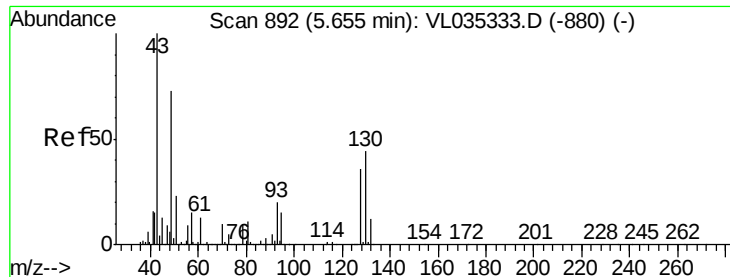
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\  
Data File : VL035359.D  
Acq On : 6 Aug 2020 21:10  
Operator : SY/AP  
Sample : L3554-03  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :

Quant Time: Aug 07 06:29:49 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Aug 05 13:04:46 2020  
QLast Update : Wed Aug 05 13:04:46 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

ClientSampleId :

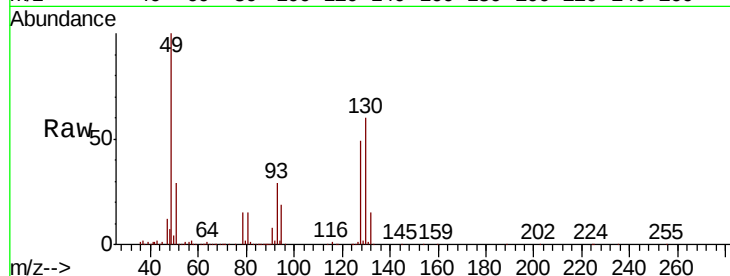
Tot Ion: 49 Resp: 1317998

Ion Ratio Lower Upper

49 100

128 50.4 25.4 76.0

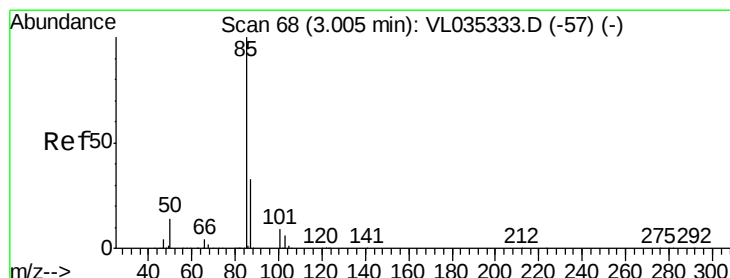
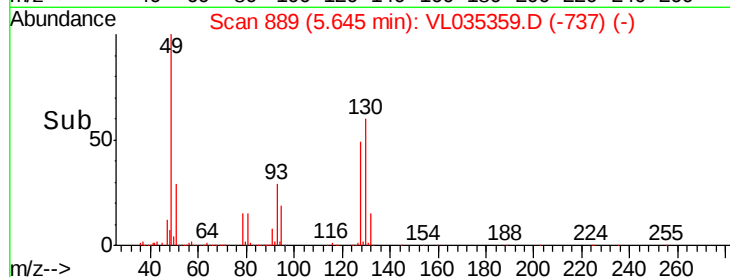
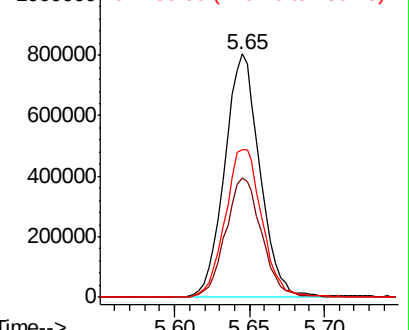
130 63.8 32.1 96.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.247 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL035359.D

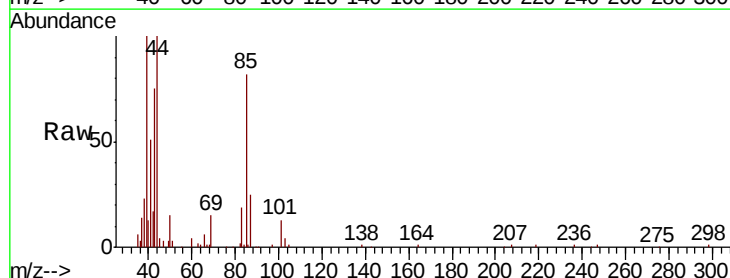
Acq: 6 Aug 2020 21:10

Tgt Ion: 85 Resp: 43369

Ion Ratio Lower Upper

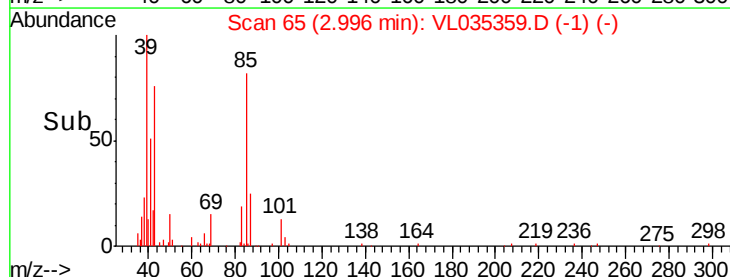
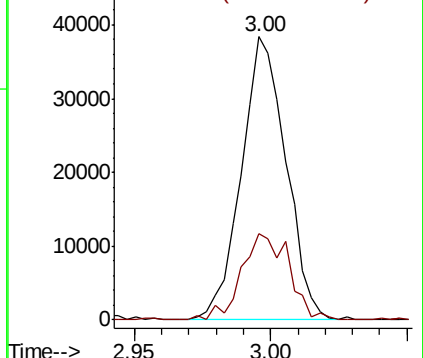
85 100

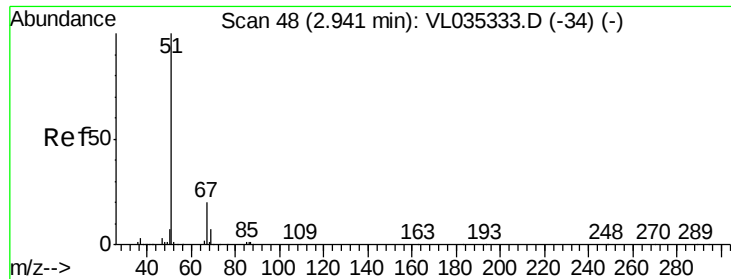
87 30.5 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

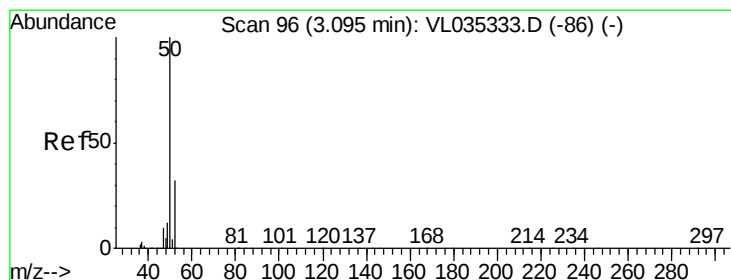
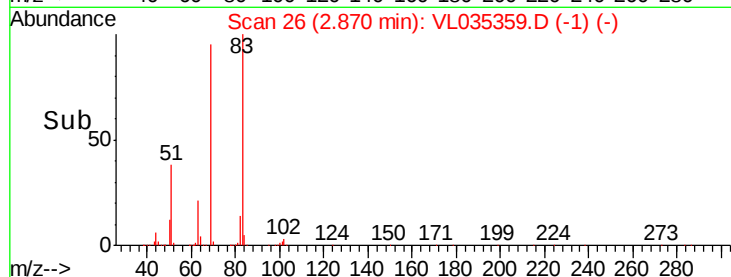
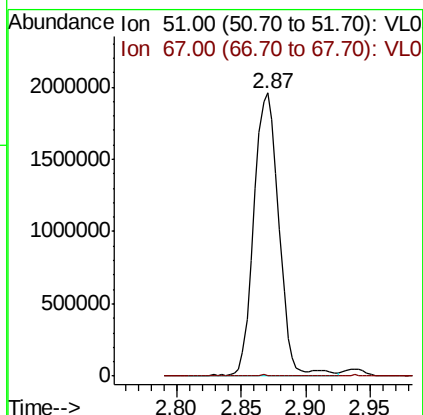
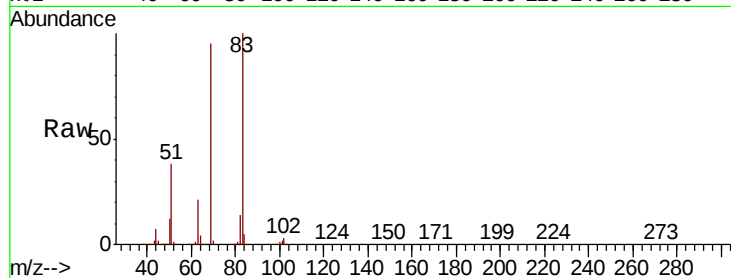




#3  
 Chlorodifluoromethane  
 Concen: 17.810 ppbv  
 RT: 2.87 min Scan# 26  
 Delta R.T. -0.07 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

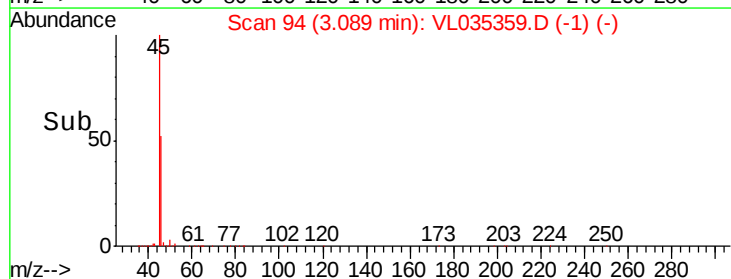
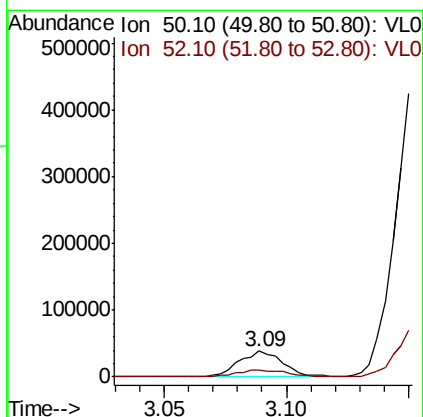
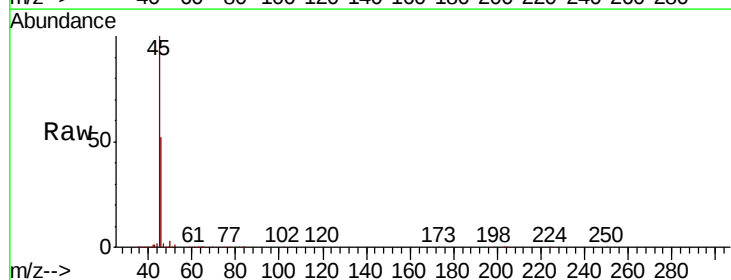
Instrument :  
 MSVOA\_L  
 ClientSampleId :

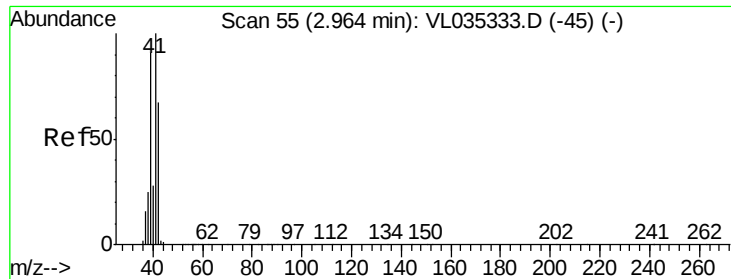
Tot Ion: 51 Resp: 2679622  
 Ion Ratio Lower Upper  
 51 100  
 67 0.2 16.6 25.0#



#4  
 Chloromethane  
 Concen: 0.570 ppbv  
 RT: 3.09 min Scan# 94  
 Delta R.T. -0.01 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Tgt Ion: 50 Resp: 48560  
 Ion Ratio Lower Upper  
 50 100  
 52 28.7 26.0 39.0

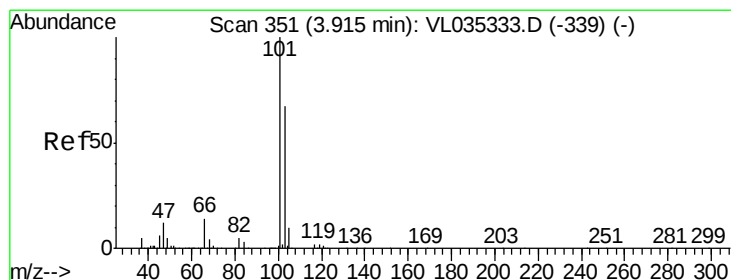
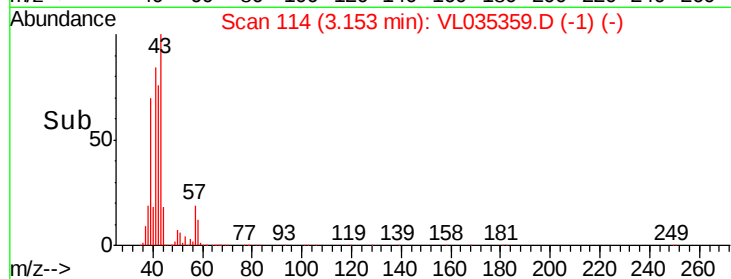
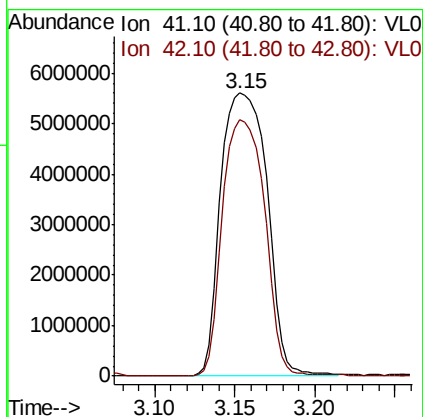
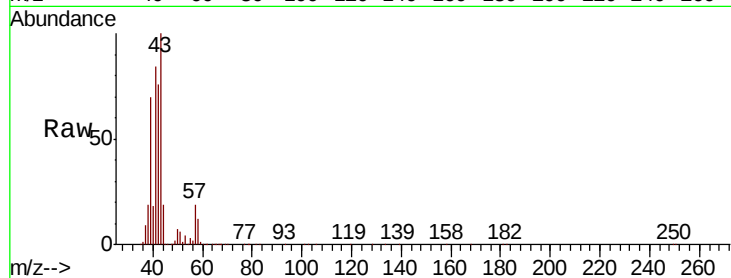




#9  
 Propene  
 Concen: 207.566 ppbv  
 RT: 3.15 min Scan# 114  
 Delta R.T. 0.19 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

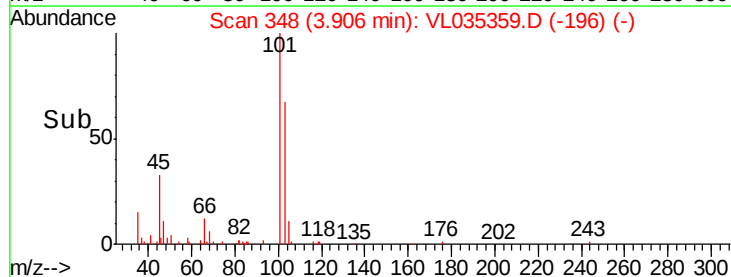
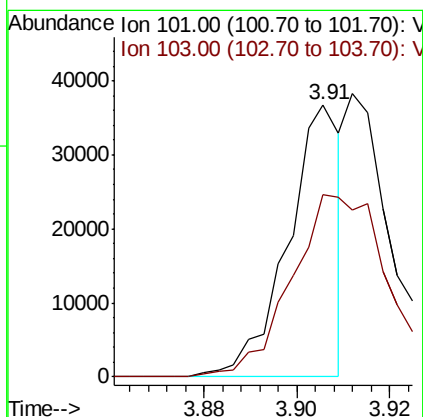
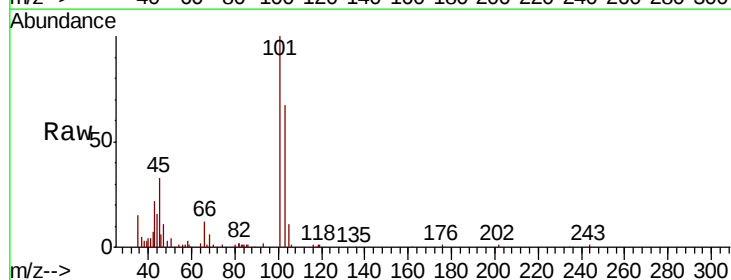
Instrument :  
 MSVOA\_L  
 ClientSampleId :

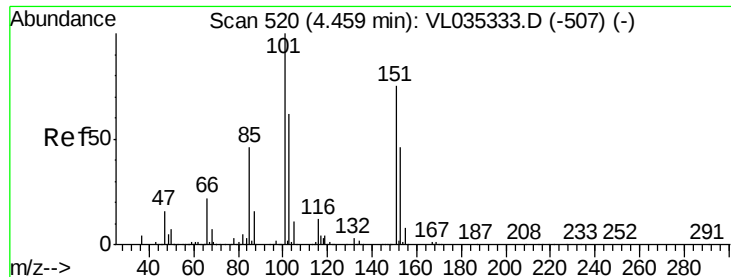
Tot Ion: 41 Resp: 11127862  
 Ion Ratio Lower Upper  
 41 100  
 42 82.6 55.3 82.9



#11  
 Trichlorofluoromethane  
 Concen: 0.129 ppbv  
 RT: 3.91 min Scan# 348  
 Delta R.T. -0.01 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Tgt Ion: 101 Resp: 29299  
 Ion Ratio Lower Upper  
 101 100  
 103 66.7 53.8 80.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.046 ppbv

RT: 4.45 min Scan# 517

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

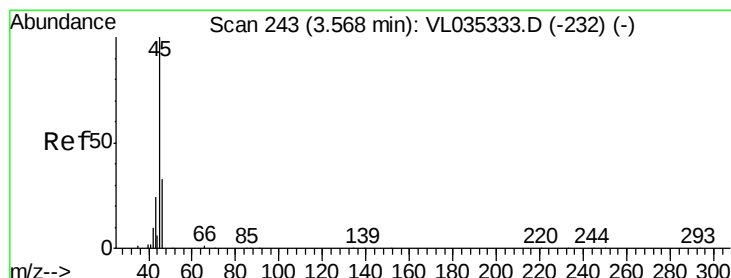
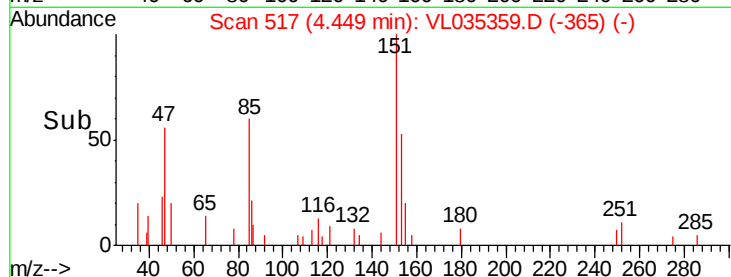
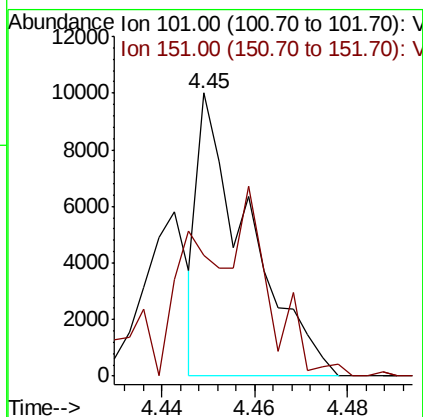
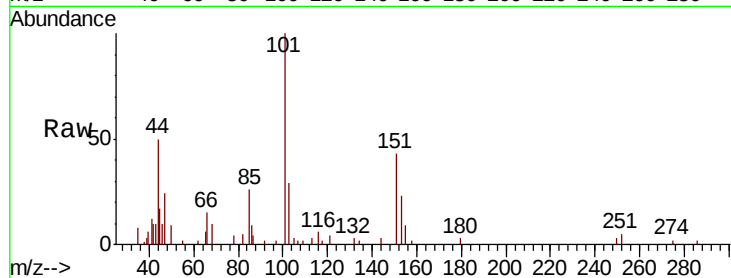
ClientSampleId :

Tot Ion:101 Resp: 7543

Ion Ratio Lower Upper

101 100

151 106.2 59.5 89.3#



#13

Ethanol

Concen: 81.867 ppbv

RT: 3.56 min Scan# 241

Delta R.T. -0.01 min

Lab File: VL035359.D

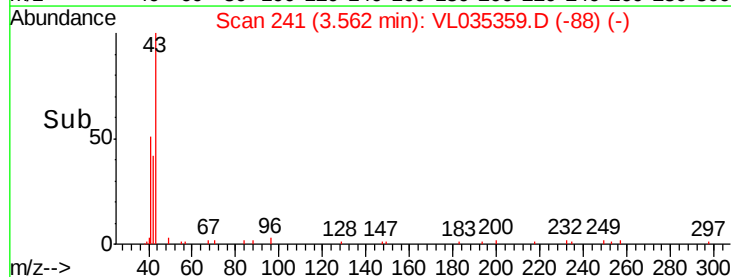
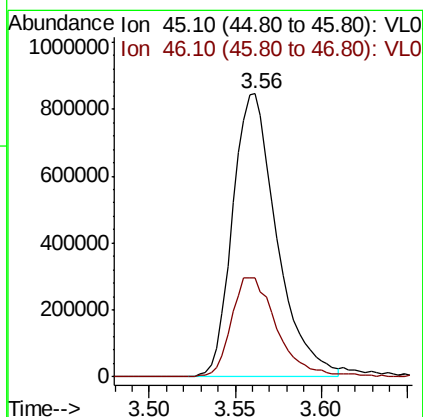
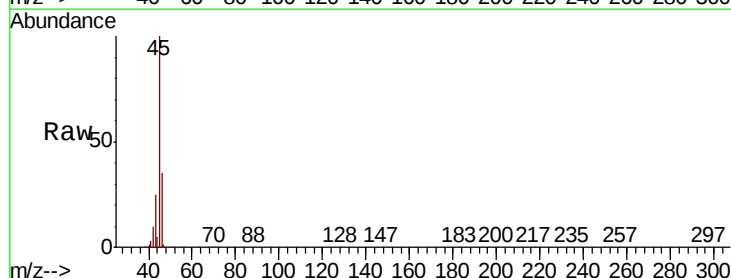
Acq: 6 Aug 2020 21:10

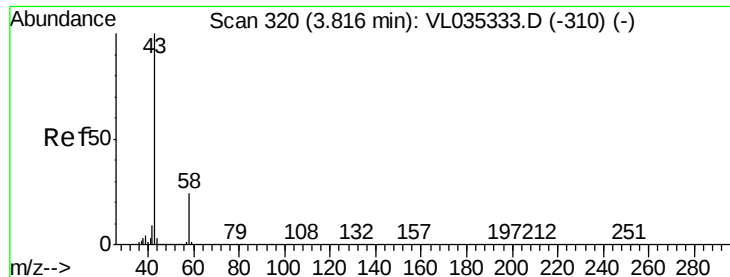
Tgt Ion: 45 Resp: 1513757

Ion Ratio Lower Upper

45 100

46 36.7 15.2 61.0





#15

Acetone

Concen: 11.221 ppbv

RT: 3.81 min Scan# 317

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

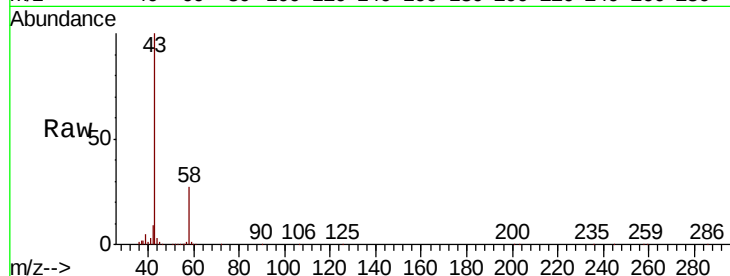
ClientSampleId :

Tot Ion: 43 Resp: 2100200

Ion Ratio Lower Upper

43 100

58 26.2 21.0 31.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

1500000

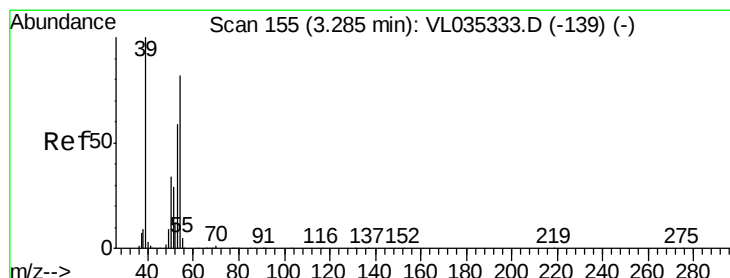
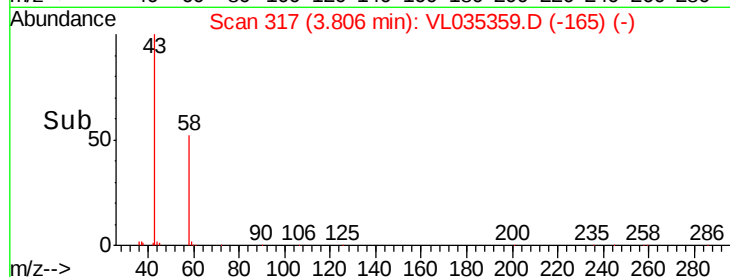
1000000

500000

0

3.75 3.80 3.85

Time-->



#16

1,3-Butadiene

Concen: 4.508 ppbv

RT: 3.31 min Scan# 163

Delta R.T. 0.03 min

Lab File: VL035359.D

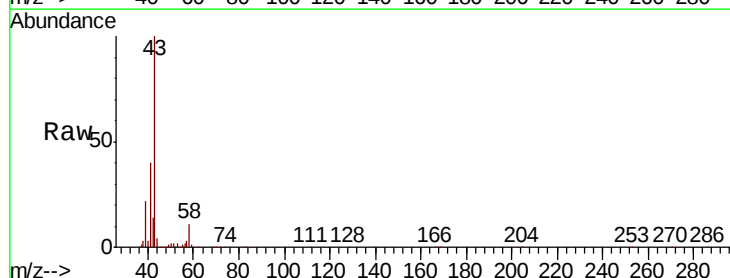
Acq: 6 Aug 2020 21:10

Tgt Ion: 39 Resp: 324722

Ion Ratio Lower Upper

39 100

54 2.5 64.4 96.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

300000

250000

200000

150000

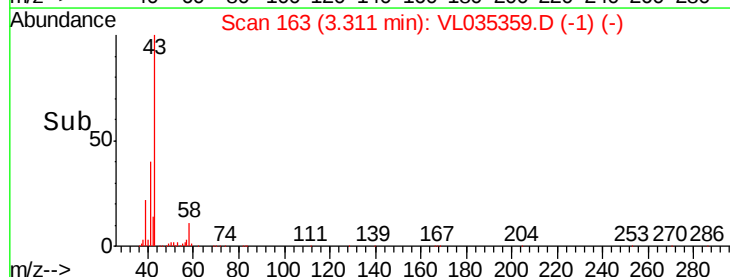
100000

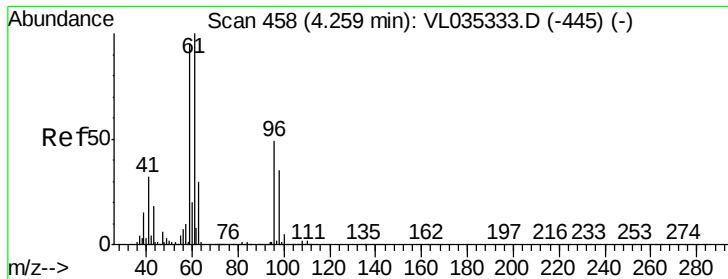
50000

0

3.25 3.30 3.35

Time-->



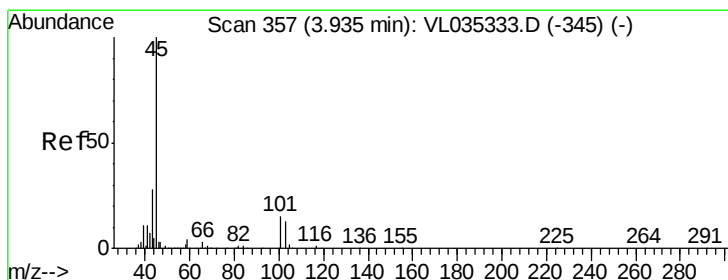
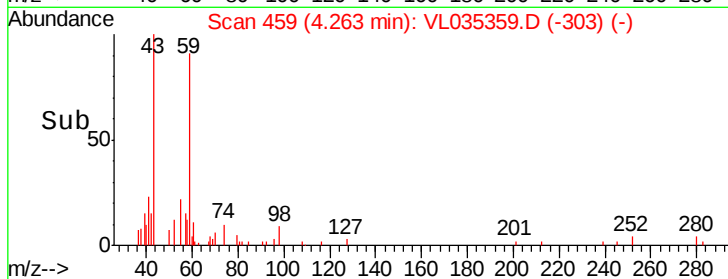
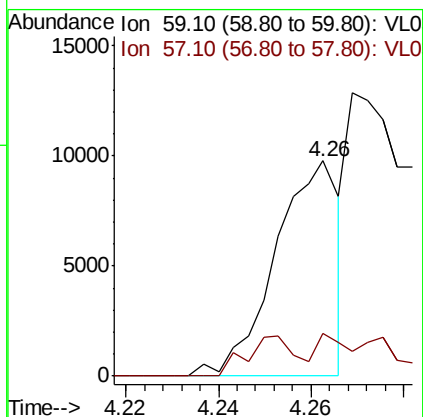
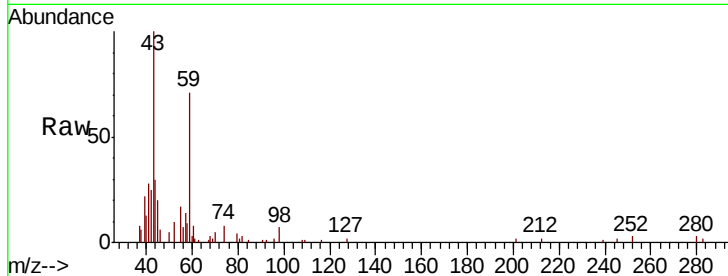


#17

tert-Butyl alcohol  
Concen: 0.054 ppbv  
RT: 4.26 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

Instrument :  
MSVOA\_L  
ClientSampled :

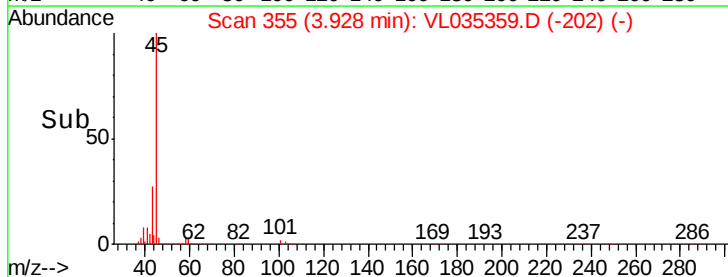
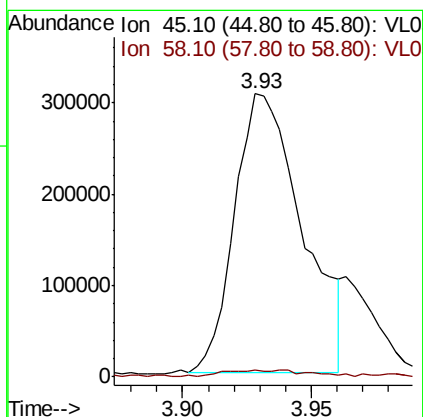
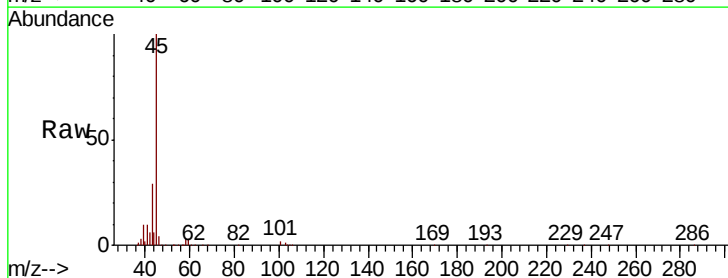
Tot Ion: 59 Resp: 9346  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.8 13.2#

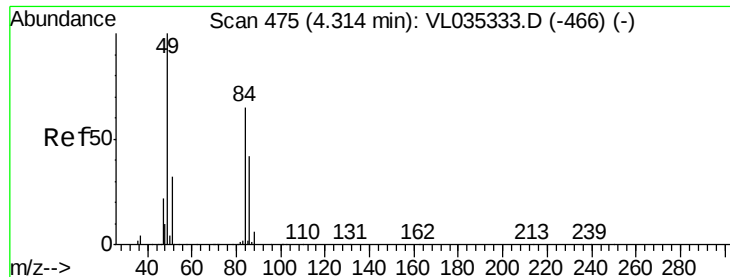


#19

Isopropyl Alcohol  
Concen: 4.725 ppbv  
RT: 3.93 min Scan# 355  
Delta R.T. -0.01 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

Tgt Ion: 45 Resp: 560622  
Ion Ratio Lower Upper  
45 100  
58 4.0 1.9 2.9#

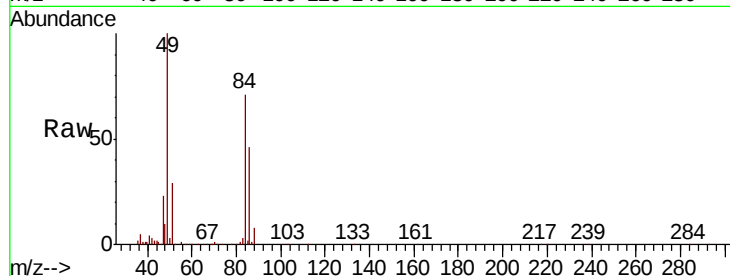




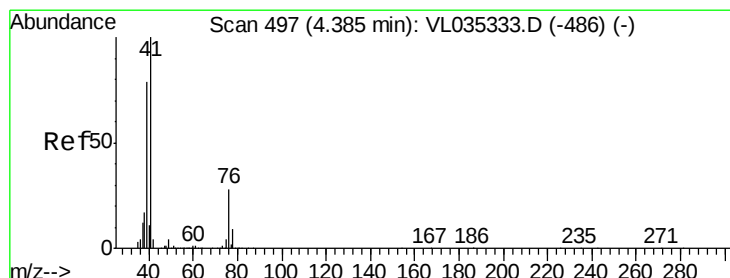
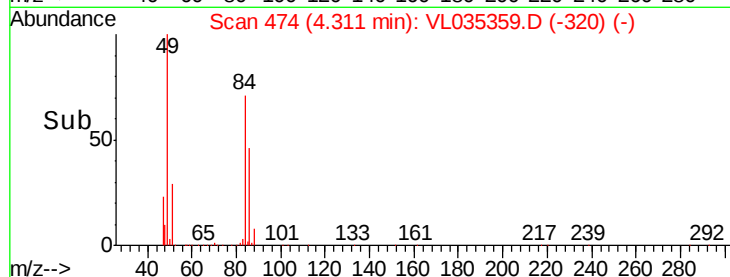
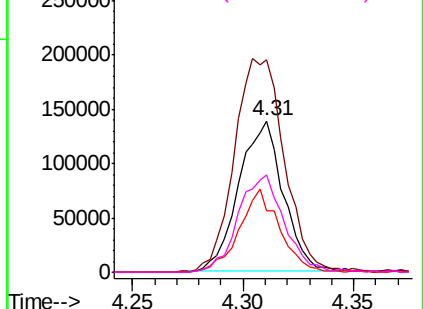
#20  
Methylene Chloride  
Concen: 2.524 ppbv  
RT: 4.31 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

Instrument :  
MSVOA\_L  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 192632 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 140.5 | 122.8 | 184.2  |
| 51       | 41.1  | 40.1  | 60.1   |
| 86       | 64.5  | 51.7  | 77.5   |

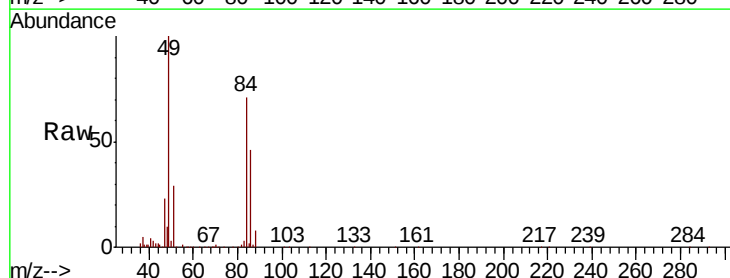


Abundance Ion 84.00 (83.70 to 84.70): VL0  
Ion 49.10 (48.80 to 49.80): VL0  
Ion 51.10 (50.80 to 51.80): VL0  
Ion 86.00 (85.70 to 86.70): VL0

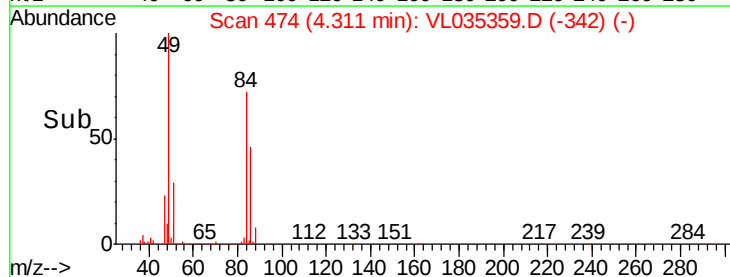
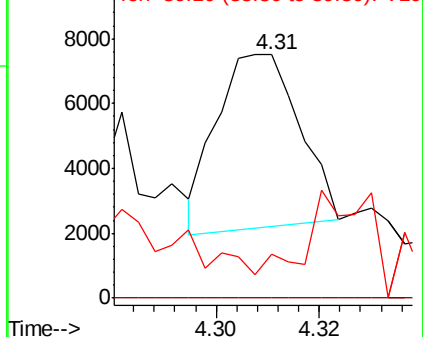


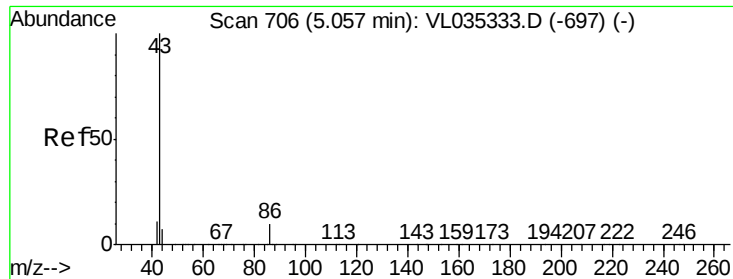
#21  
Allyl Chloride  
Concen: 0.055 ppbv  
RT: 4.31 min Scan# 474  
Delta R.T. -0.07 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 5940  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 76       | 5.6   | 23.8  | 35.6# |
| 39       | 72.0  | 65.0  | 97.6  |



Abundance Ion 41.10 (40.80 to 41.80): VL0  
Ion 76.10 (75.80 to 76.80): VL0  
Ion 39.10 (38.80 to 39.80): VL0

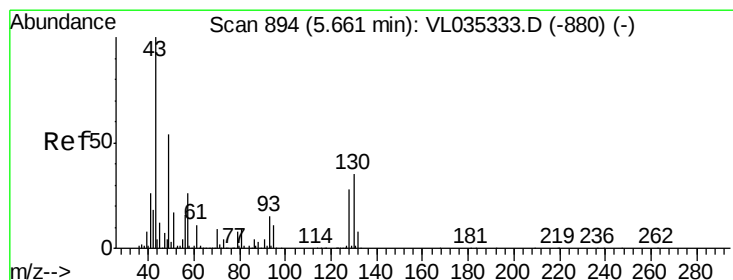
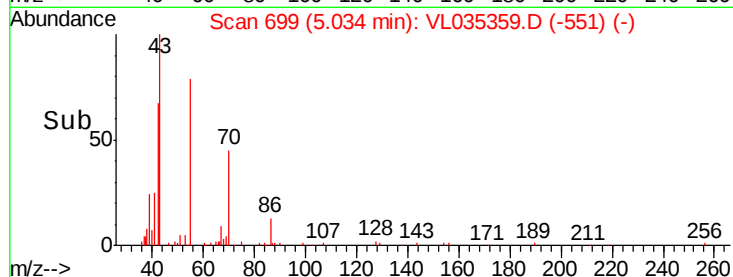
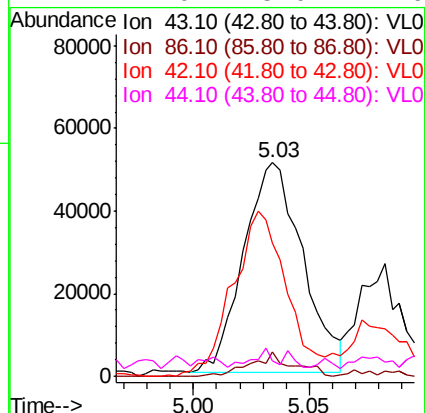
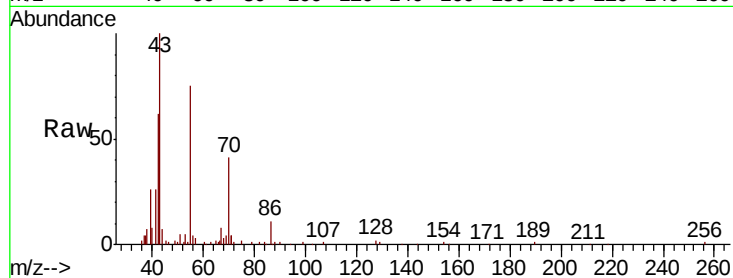




#23  
 Vinyl Acetate  
 Concen: 0.505 ppbv  
 RT: 5.03 min Scan# 699  
 Delta R.T. -0.02 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

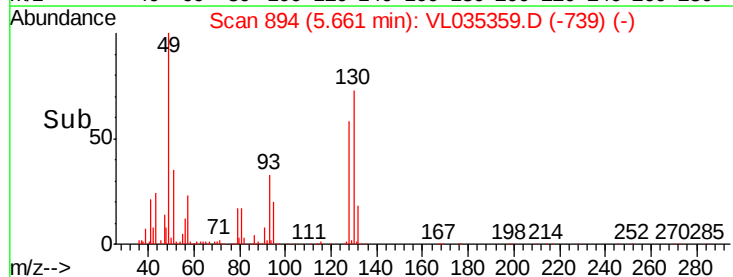
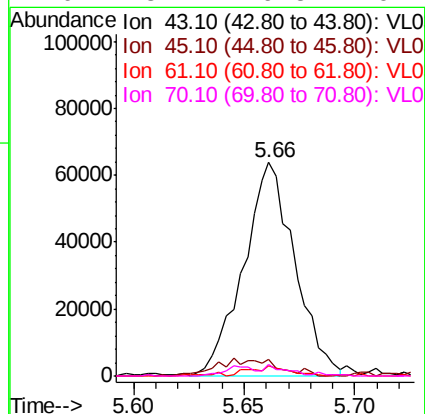
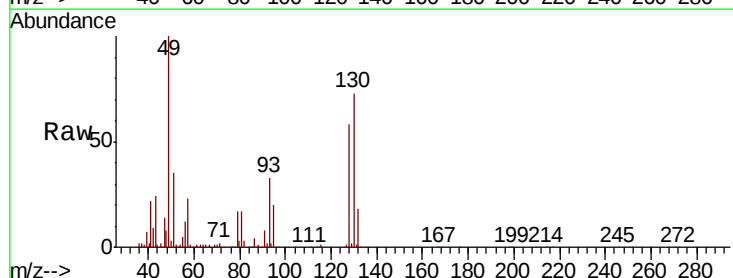
Instrument :  
 MSVOA\_L  
 ClientSampleId :

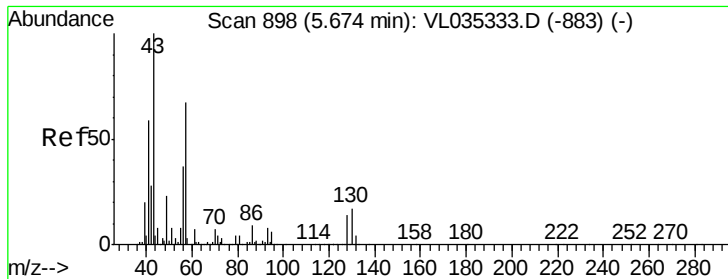
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 90681 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 11.5  | 6.9   | 10.3# |
| 42       | 60.4  | 8.8   | 13.2# |
| 44       | 4.0   | 5.0   | 7.6#  |



#25  
 Ethyl Acetate  
 Concen: 0.362 ppbv  
 RT: 5.66 min Scan# 894  
 Delta R.T. -0.00 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 102893 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 9.6   | 8.5   | 12.7   |
| 61       | 4.3   | 8.1   | 12.1#  |
| 70       | 5.4   | 6.5   | 9.7#   |





#26

Hexane

Concen: 0.530 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

ClientSampled :

Tot Ion: 57 Resp: 65327

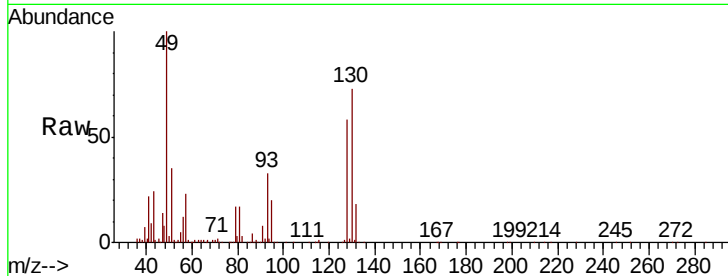
Ion Ratio Lower Upper

57 100

41 150.7 75.2 112.8#

43 162.6 180.6 270.8#

56 90.3 43.0 64.6#

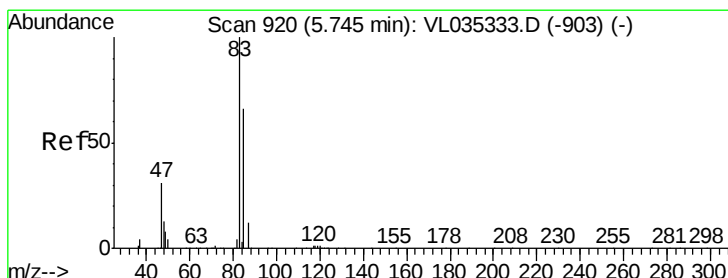
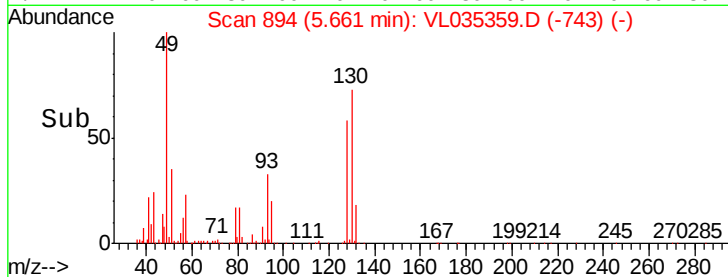
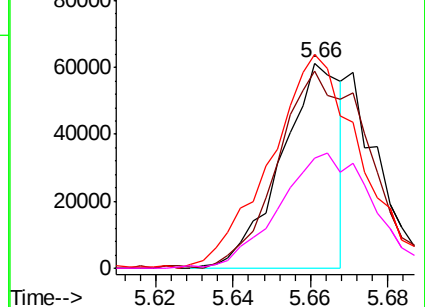


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29

Chloroform

Concen: 0.104 ppbv

RT: 5.73 min Scan# 916

Delta R.T. -0.01 min

Lab File: VL035359.D

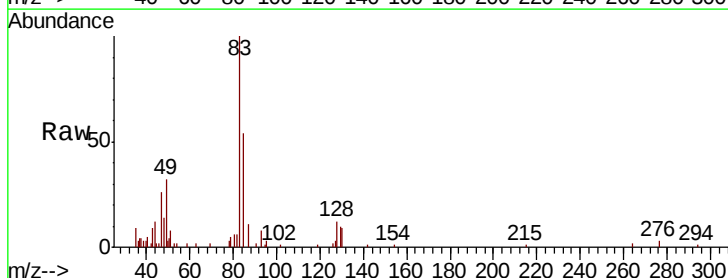
Acq: 6 Aug 2020 21:10

Tgt Ion: 83 Resp: 22064

Ion Ratio Lower Upper

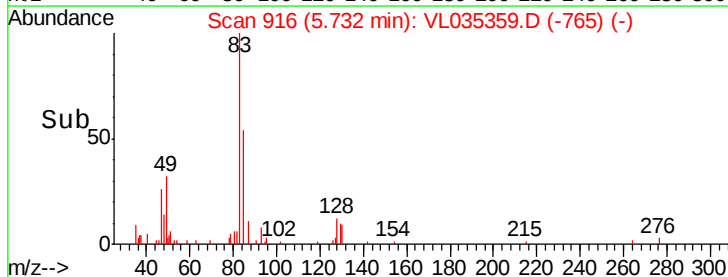
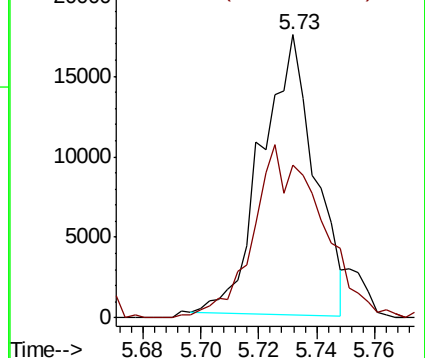
83 100

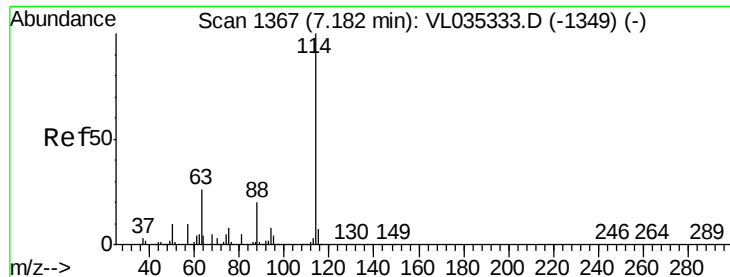
85 53.8 52.9 79.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

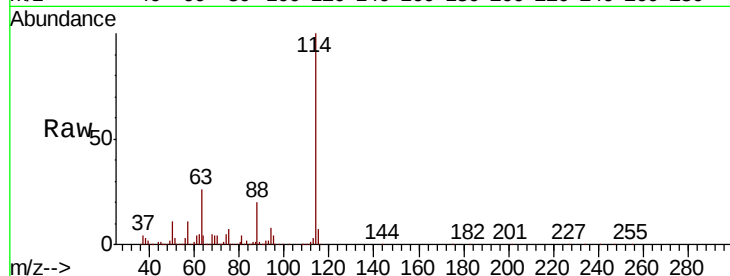




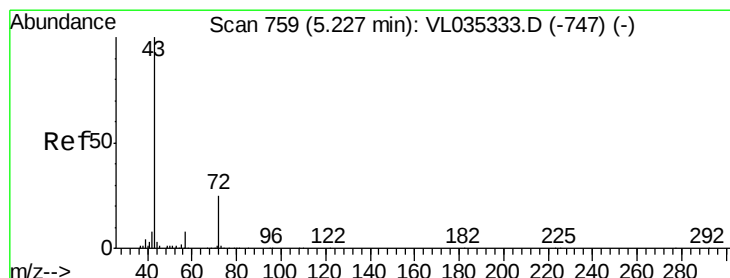
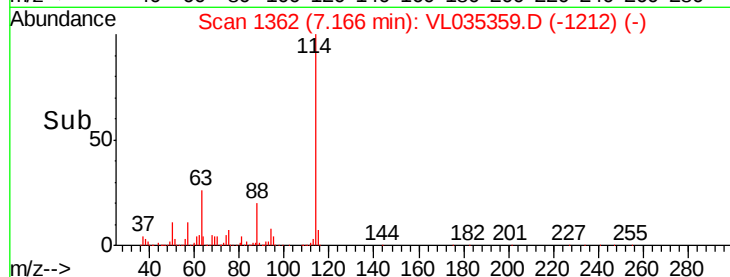
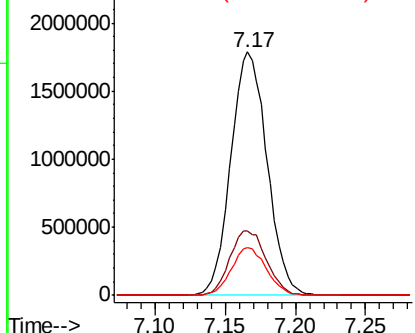
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.17 min Scan# 1362  
 Delta R.T. -0.02 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Tot Ion:114 Resp: 3215049  
 Ion Ratio Lower Upper  
 114 100  
 63 26.9 21.3 31.9  
 88 19.2 15.3 22.9

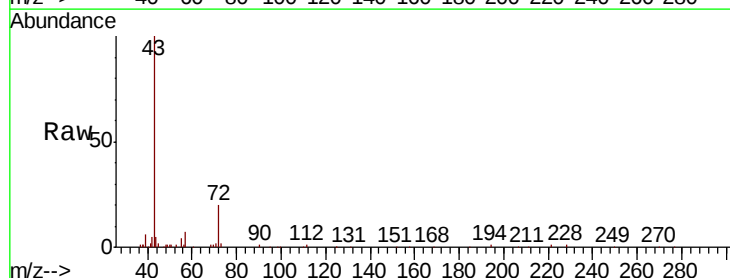


Abundance Ion 114.10 (113.80 to 114.80): V  
 Ion 63.10 (62.80 to 63.80): VL0  
 Ion 88.10 (87.80 to 88.80): VL0

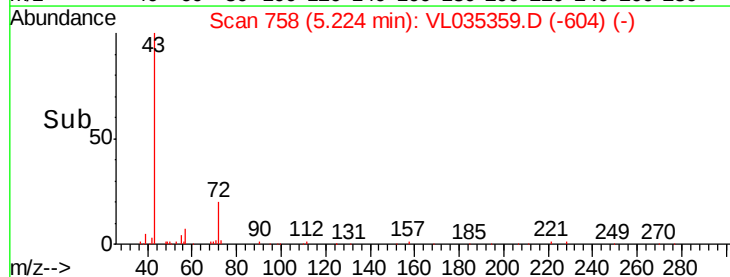
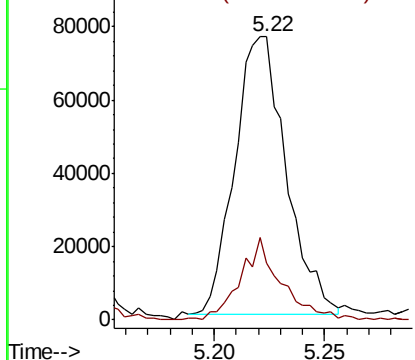


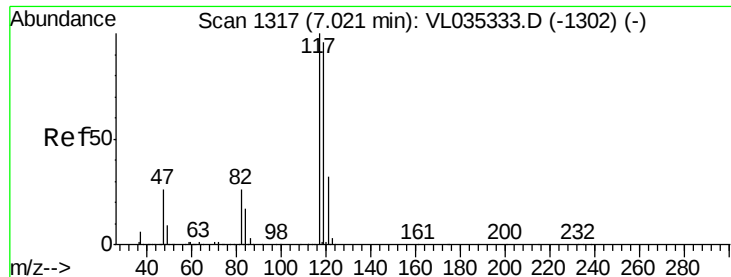
#34  
 2-Butanone  
 Concen: 0.779 ppbv  
 RT: 5.22 min Scan# 758  
 Delta R.T. -0.00 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Tgt Ion: 43 Resp: 123382  
 Ion Ratio Lower Upper  
 43 100  
 72 23.3 18.9 28.3



Abundance Ion 43.10 (42.80 to 43.80): VL0  
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.035 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

ClientSampleId :

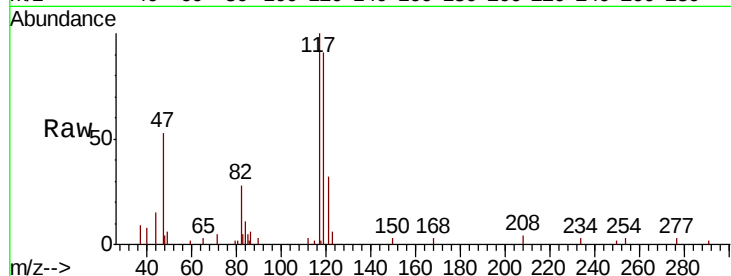
Tot Ion:117 Resp: 7809

Ion Ratio Lower Upper

117 100

119 32.5 77.0 115.6#

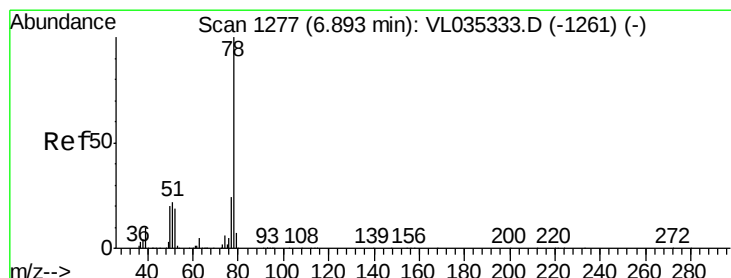
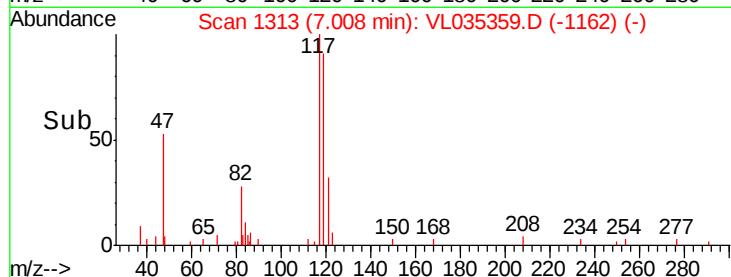
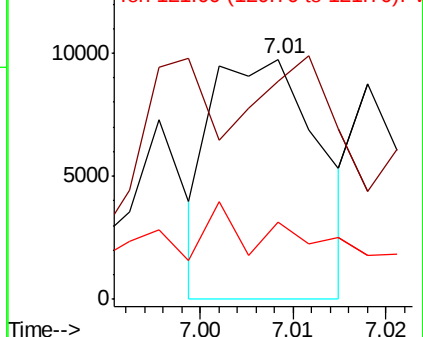
121 25.9 26.0 39.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.071 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

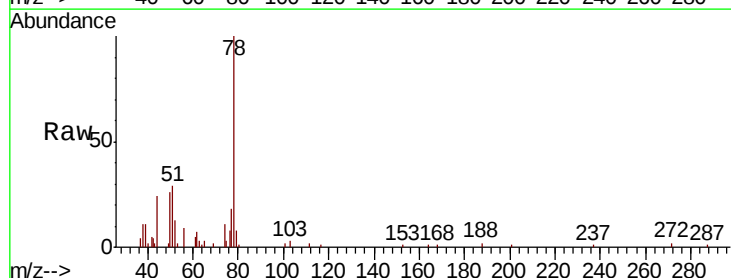
Tgt Ion: 78 Resp: 15503

Ion Ratio Lower Upper

78 100

77 19.6 19.3 28.9

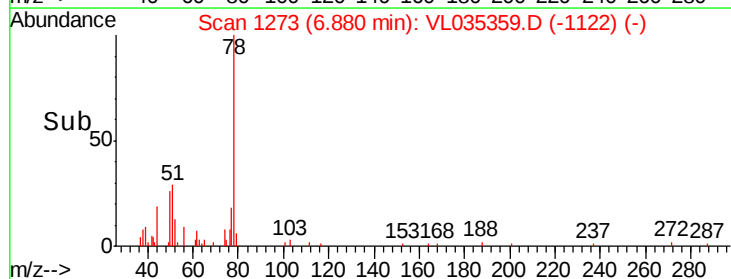
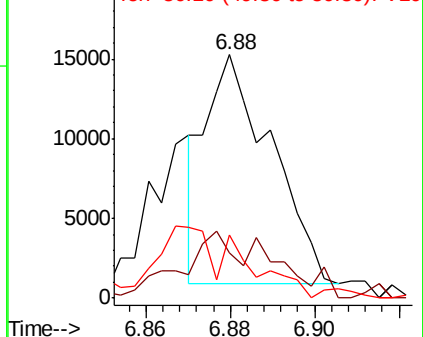
50 23.6 16.3 24.5

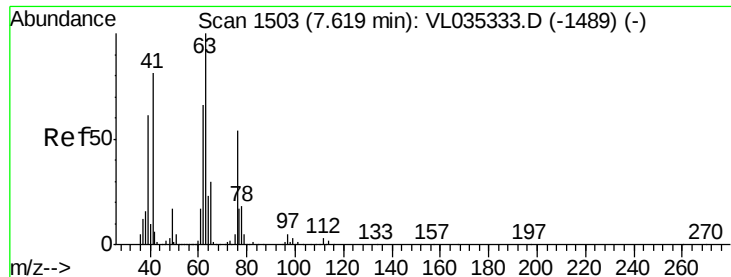


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

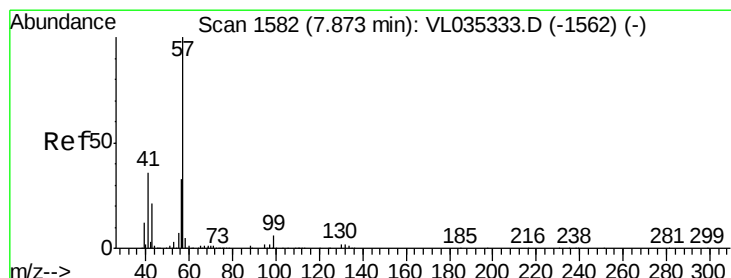
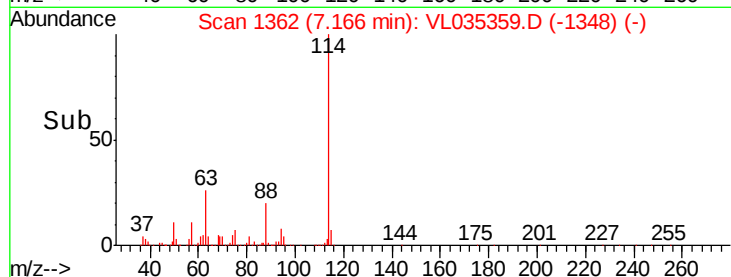
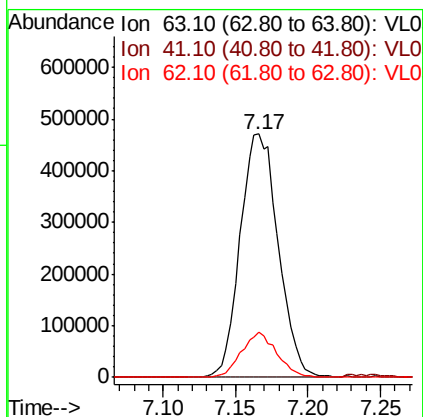
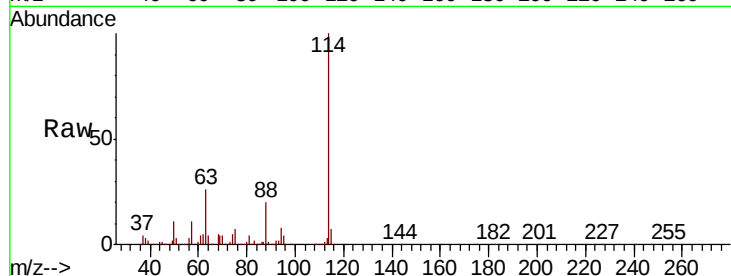




#39  
 1,2-Dichloropropane  
 Concen: 9.786 ppbv  
 RT: 7.17 min Scan# 1362  
 Delta R.T. -0.45 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

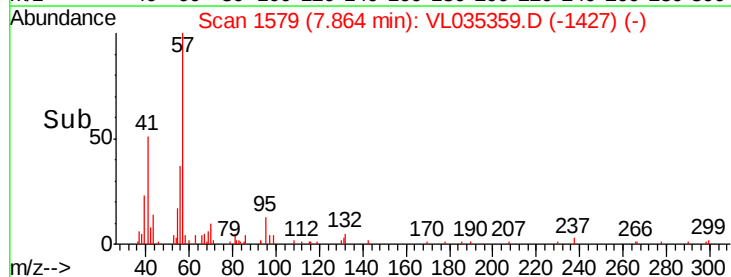
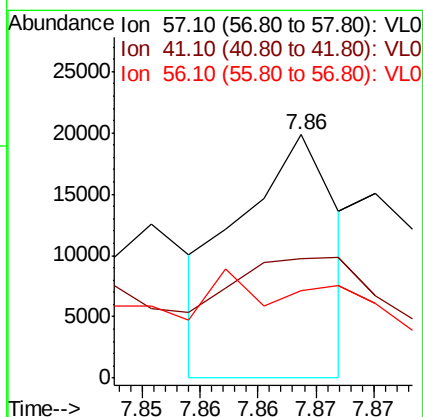
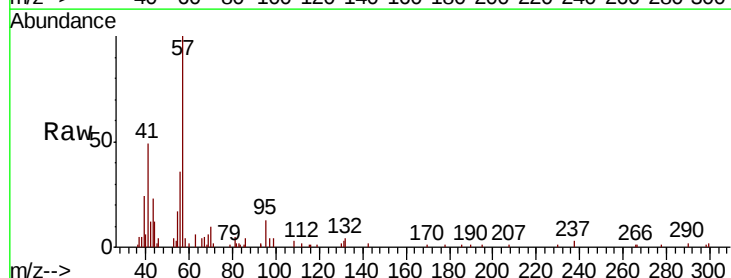
Instrument :  
 MSVOA\_L  
 ClientSampleId :

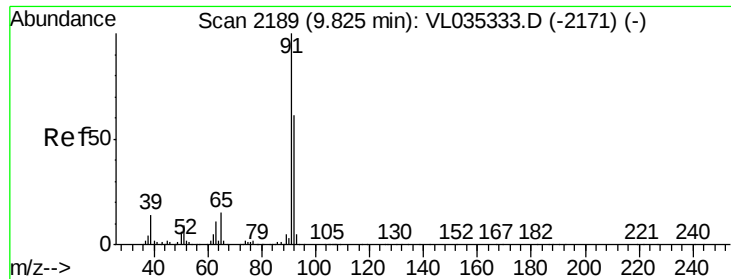
Tot Ion: 63 Resp: 860095  
 Ion Ratio Lower Upper  
 63 100  
 41 0.0 64.4 96.6#  
 62 18.4 52.6 78.8#



#44  
 2,2,4-Trimethylpentane  
 Concen: 0.030 ppbv  
 RT: 7.86 min Scan# 1579  
 Delta R.T. -0.01 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Tgt Ion: 57 Resp: 11622  
 Ion Ratio Lower Upper  
 57 100  
 41 0.0 27.9 41.9#  
 56 144.6 25.4 38.0#





#53

Toluene

Concen: 2.152 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.02 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

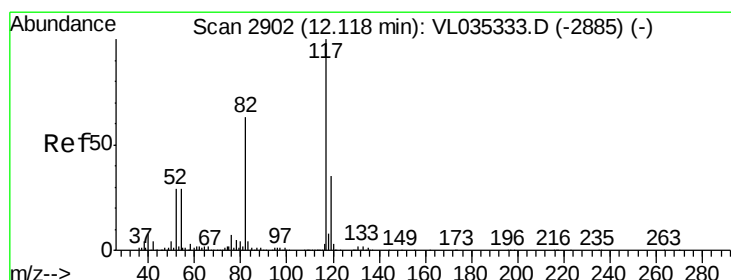
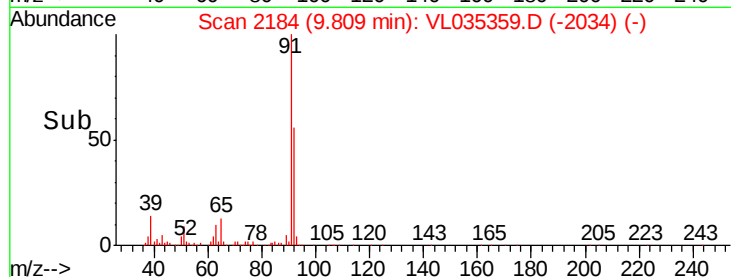
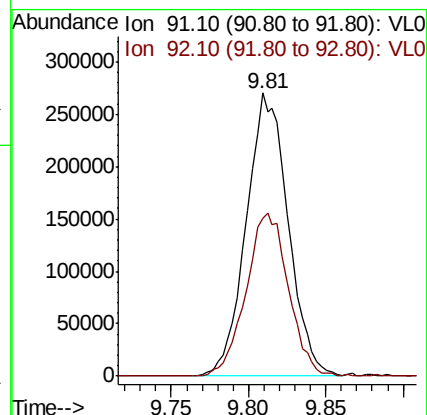
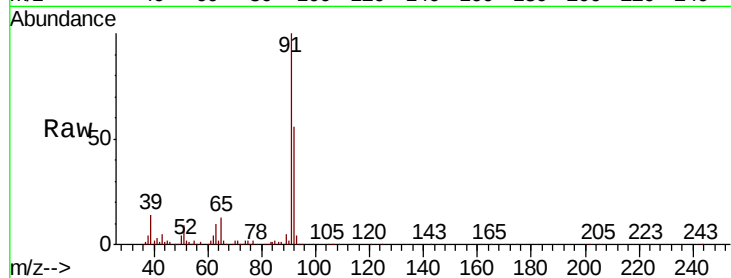
ClientSampleId :

Tot Ion: 91 Resp: 508265

Ion Ratio Lower Upper

91 100

92 58.6 48.5 72.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

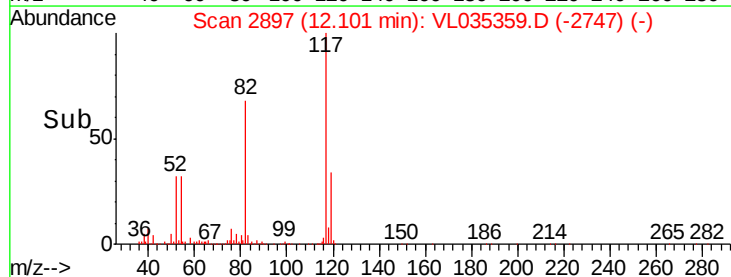
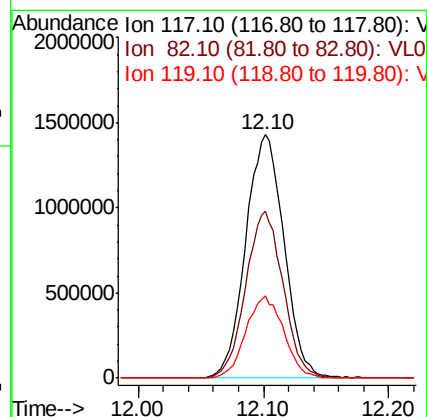
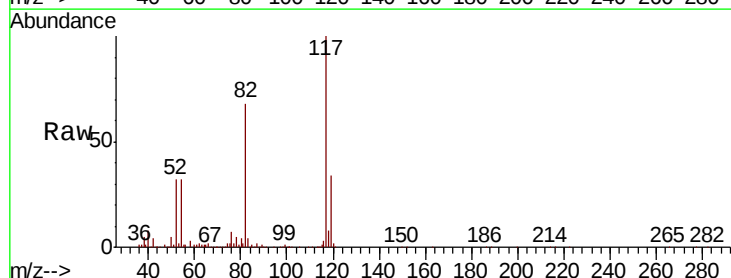
Tgt Ion: 117 Resp: 3030008

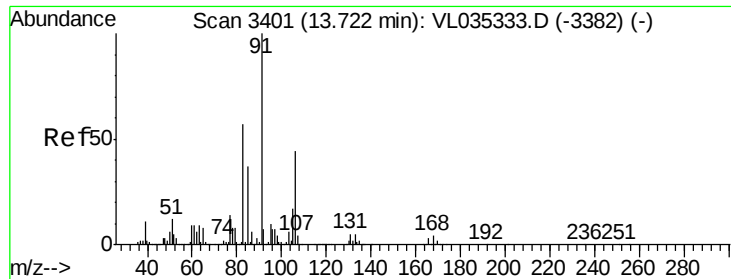
Ion Ratio Lower Upper

117 100

82 67.3 51.0 76.4

119 33.5 24.7 37.1

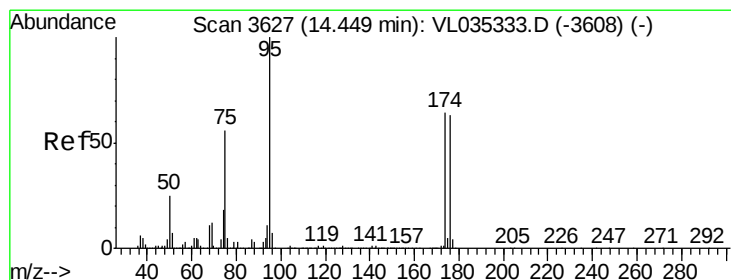
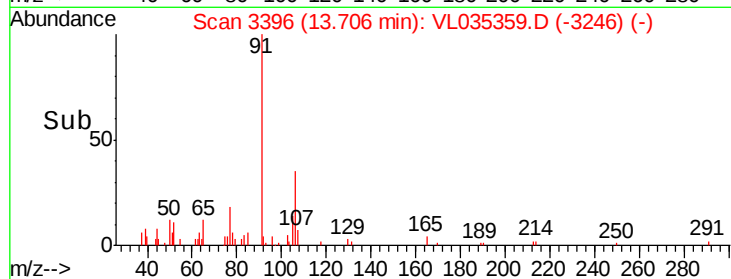
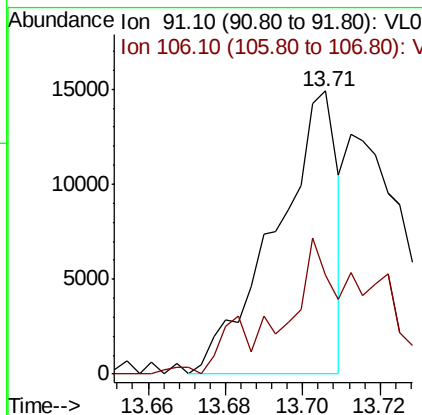
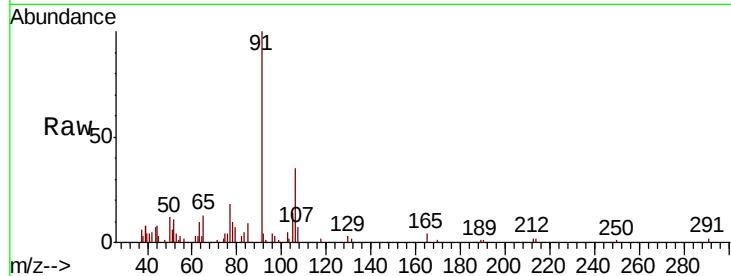




#60  
o-Xylene  
Concen: 0.057 ppbv  
RT: 13.71 min Scan# 3396  
Delta R.T. -0.02 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

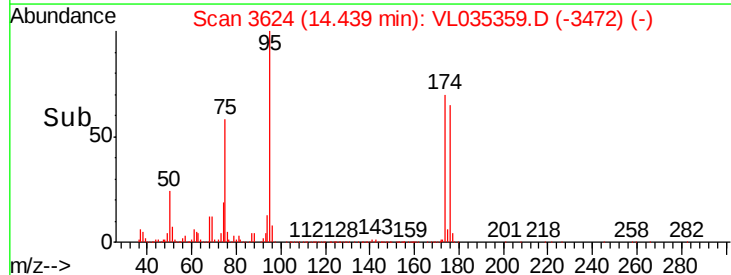
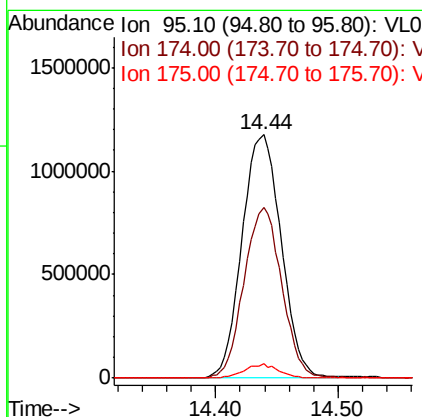
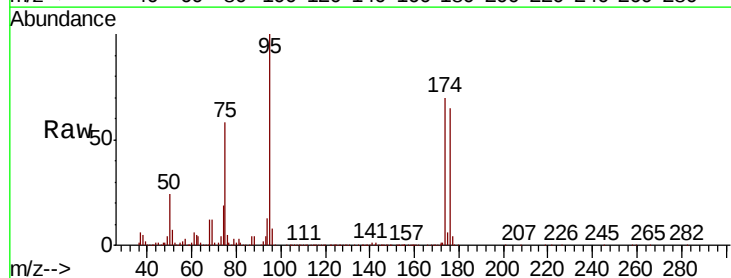
Instrument :  
MSVOA\_L  
ClientSampleId :

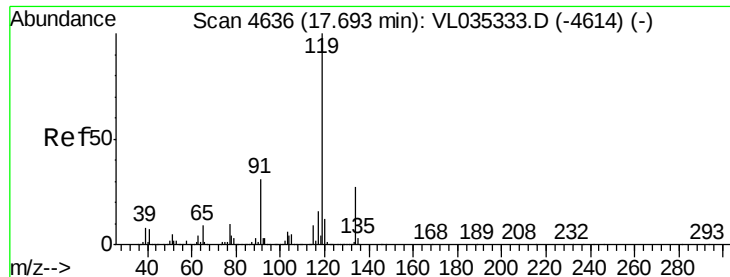
Tot Ion: 91 Resp: 16532  
Ion Ratio Lower Upper  
91 100  
106 76.1 22.7 68.0#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.315 ppbv  
RT: 14.44 min Scan# 3624  
Delta R.T. -0.01 min  
Lab File: VL035359.D  
Acq: 6 Aug 2020 21:10

Tgt Ion: 95 Resp: 2606362  
Ion Ratio Lower Upper  
95 100  
174 67.9 53.5 80.3  
175 5.1 4.2 6.2

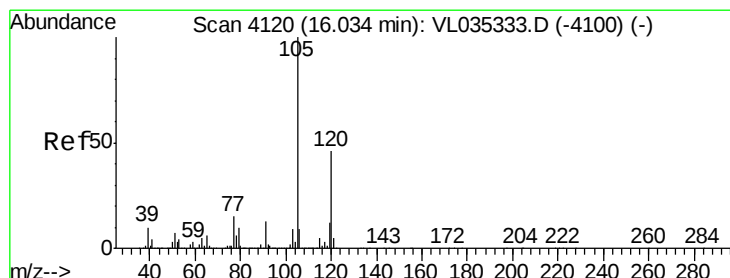
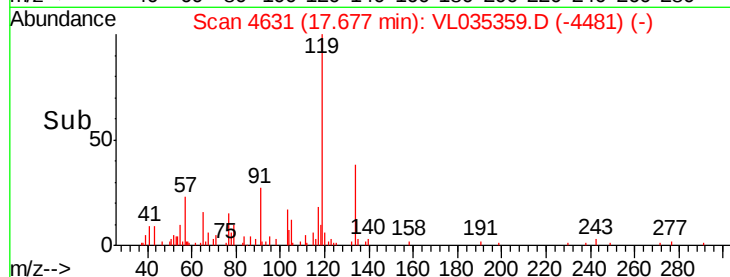
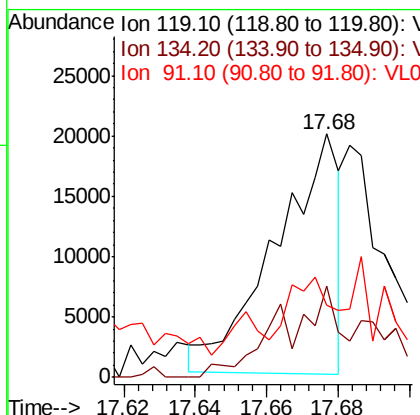
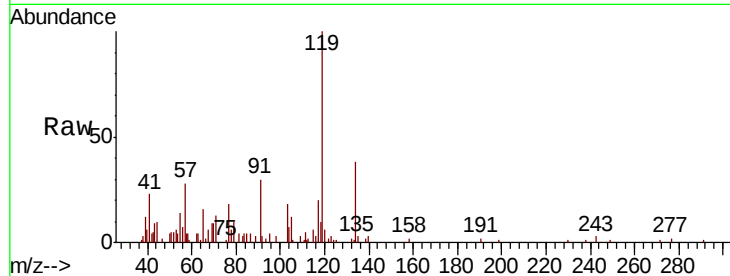




#69  
 p-Isopropyltoluene  
 Concen: 0.053 ppbv  
 RT: 17.68 min Scan# 4631  
 Delta R.T. -0.02 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

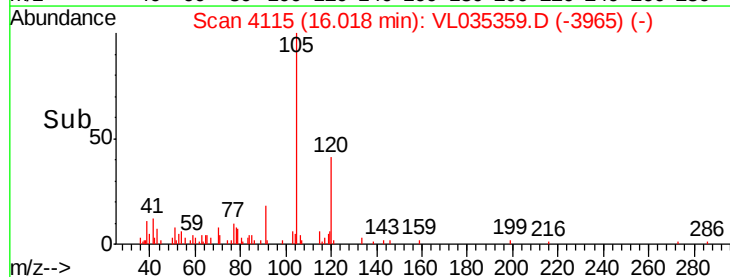
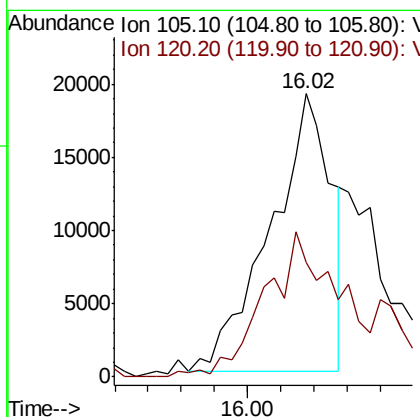
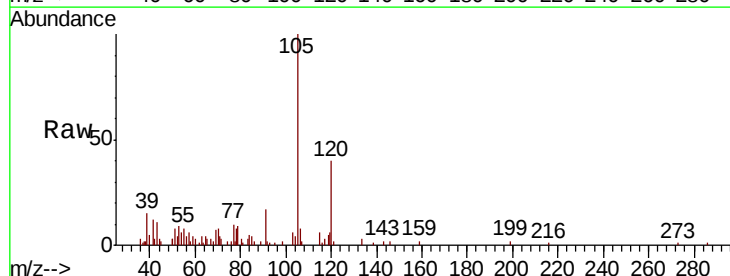
Instrument :  
 MSVOA\_L  
 ClientSampled :

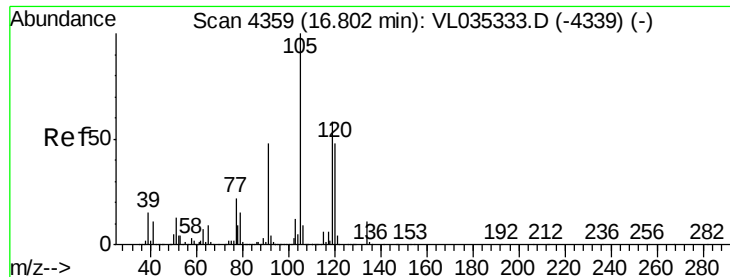
Tot Ion:119 Resp: 24486  
 Ion Ratio Lower Upper  
 119 100  
 134 54.0 21.1 31.7#  
 91 0.0 24.5 36.7#



#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.076 ppbv  
 RT: 16.02 min Scan# 4115  
 Delta R.T. -0.02 min  
 Lab File: VL035359.D  
 Acq: 6 Aug 2020 21:10

Tgt Ion:105 Resp: 24323  
 Ion Ratio Lower Upper  
 105 100  
 120 39.4 36.9 55.3





#74

1,2,4-Trimethylbenzene

Concen: 0.152 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. -0.02 min

Lab File: VL035359.D

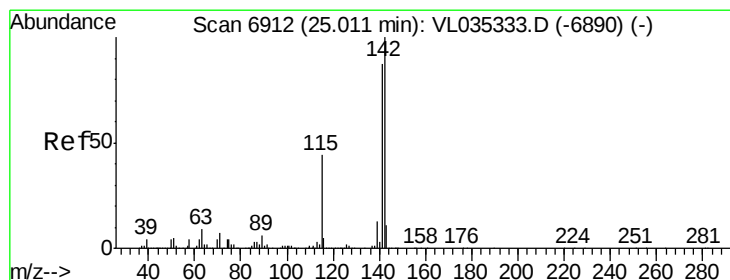
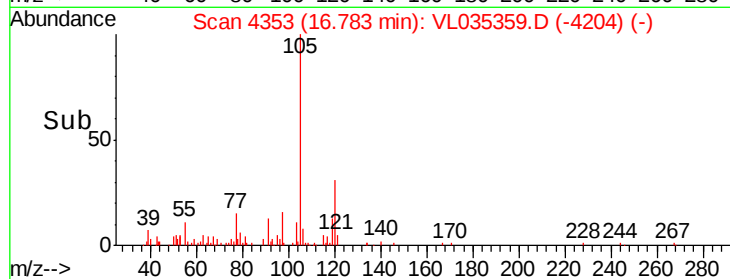
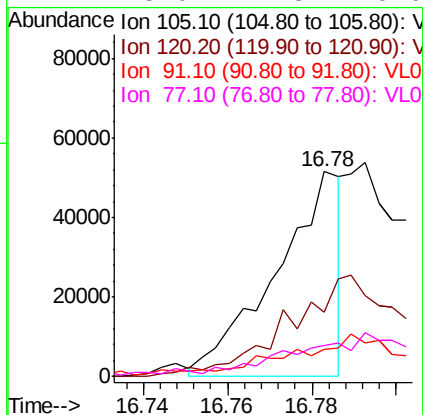
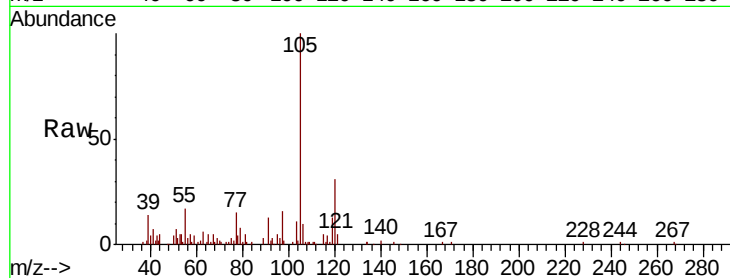
Acq: 6 Aug 2020 21:10

Instrument :

MSVOA\_L

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 105   | Resp: | 55322 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 27.9  | 38.5  | 57.7# |
| 91       | 10.9  | 39.0  | 58.6# |
| 77       | 13.0  | 17.8  | 26.6# |



#80

Naphthalene, 2-methyl-

Concen: 0.061 ppbv

RT: 25.01 min Scan# 6911

Delta R.T. -0.00 min

Lab File: VL035359.D

Acq: 6 Aug 2020 21:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 3880  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 90.5  | 69.0  | 103.6 |
| 115      | 49.7  | 35.5  | 53.3  |

