

Data File : VL034736.D  
Acq On : 28 Feb 2020 14:26  
Operator : SY/AP  
Sample : L1662-07DUP  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-7-PRE-K-TEACHERS-ROOMDU

Quant Time: Mar 02 04:31:11 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL022620AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Feb 28 01:15:02 2020  
QLast Update : Fri Feb 28 01:15:02 2020  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1075984  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 2186097  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.12 | 117  | 2130363  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds  
68) 1-Bromo-4-Fluorobenzene 14.46 95 1820804 10.42 ppbv 0.00  
Spiked Amount 10.000 Range 65 - 135 Recovery = 104.20%

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.02  | 85   | 43955    | 0.259   | ppbv   | 94     |
| 3) Chlorodifluoromethane       | 2.93  | 51   | 122131   | 1.052   | ppbv # | 72     |
| 4) Chloromethane               | 3.11  | 50   | 33509    | 0.516   | ppbv # | 83     |
| 9) Propene                     | 2.99  | 41   | 46631    | 0.961   | ppbv   | 84     |
| 11) Trichlorofluoromethane     | 3.93  | 101  | 39513    | 0.266   | ppbv   | 91     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.46  | 101  | 3834     | 0.037   | ppbv # | 15     |
| 13) Ethanol                    | 3.59  | 45   | 2737968  | 178.558 | ppbv   | 97     |
| 15) Acetone                    | 3.83  | 43   | 1296616  | 10.575  | ppbv # | 85     |
| 16) 1,3-Butadiene              | 3.30  | 39   | 1474     | 0.026   | ppbv # | 1      |
| 17) tert-Butyl alcohol         | 3.96  | 59   | 445461   | 4.741   | ppbv   | 95     |
| 19) Isopropyl Alcohol          | 3.96  | 45   | 9545232  | 130.700 | ppbv # | 98     |
| 20) Methylene Chloride         | 4.33  | 84   | 97342    | 2.135   | ppbv   | 88     |
| 21) Allyl Chloride             | 4.11  | 41   | 816721   | 10.068  | ppbv # | 54     |
| 23) Vinyl Acetate              | 5.06  | 43   | 10812    | 0.065   | ppbv # | 48     |
| 25) Ethyl Acetate              | 5.68  | 43   | 75989    | 0.350   | ppbv # | 86     |
| 26) Hexane                     | 5.69  | 57   | 81792    | 0.818   | ppbv # | 47     |
| 29) Chloroform                 | 5.75  | 83   | 11918    | 0.075   | ppbv   | 85     |
| 34) 2-Butanone                 | 5.24  | 43   | 45288    | 0.329   | ppbv   | 94     |
| 35) Carbon Tetrachloride       | 7.03  | 117  | 6134     | 0.042   | ppbv # | 65     |
| 36) Benzene                    | 6.90  | 78   | 55380    | 0.293   | ppbv # | 92     |
| 39) 1,2-Dichloropropane        | 7.19  | 63   | 631496   | 8.407   | ppbv # | 23     |
| 44) 2,2,4-Trimethylpentane     | 7.88  | 57   | 10261    | 0.031   | ppbv # | 42     |
| 50) 4-Methyl-2-Pentanone       | 8.76  | 43   | 4969     | 0.025   | ppbv # | 40     |
| 53) Toluene                    | 9.83  | 91   | 562816   | 2.803   | ppbv   | 99     |
| 58) Ethyl Benzene              | 12.74 | 91   | 19025    | 0.074   | ppbv   | 94     |
| 59) m/p-Xylene                 | 13.03 | 91   | 34998    | 0.156   | ppbv # | 32     |
| 60) o-Xylene                   | 13.73 | 91   | 24655    | 0.111   | ppbv # | 48     |
| 61) Styrene                    | 13.56 | 104  | 3460     | 0.024   | ppbv # | 17     |
| 64) n-propylbenzene            | 15.81 | 120  | 1851     | 0.022   | ppbv   | 78     |
| 73) 1,3,5-Trimethylbenzene     | 16.04 | 105  | 7014     | 0.029   | ppbv # | 72     |
| 74) 1,2,4-Trimethylbenzene     | 16.81 | 105  | 27930    | 0.106   | ppbv # | 72     |
| 80) Naphthalene,2-methyl-      | 25.02 | 142  | 1740     | 0.024   | ppbv # | 87     |

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

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ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
MSVOA\_L  
**ClientSampleId :**  
IAS-7-PRE-K-TEACHERS-ROOMDU

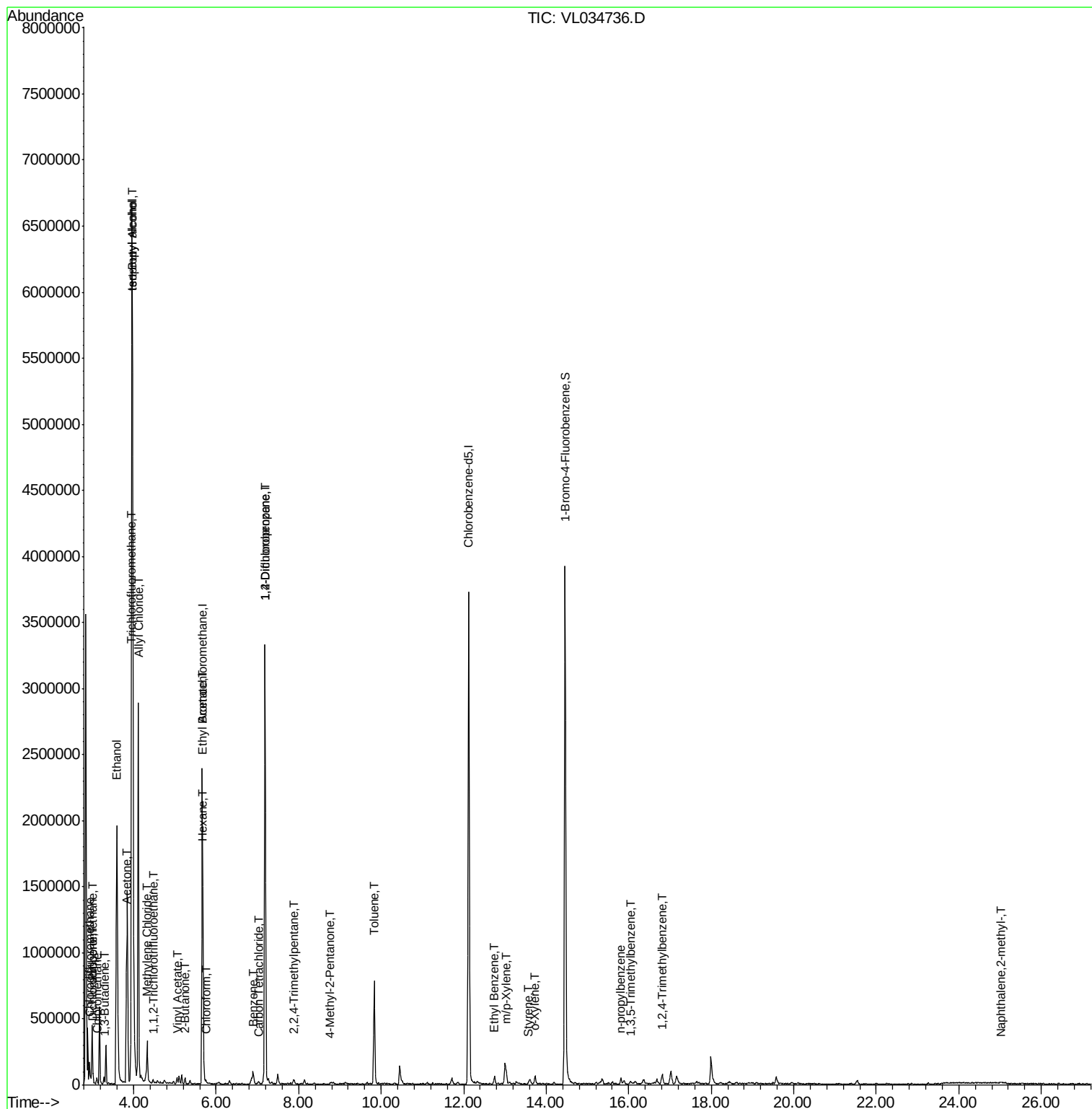
Quant Time: Mar 02 04:31:11 2020

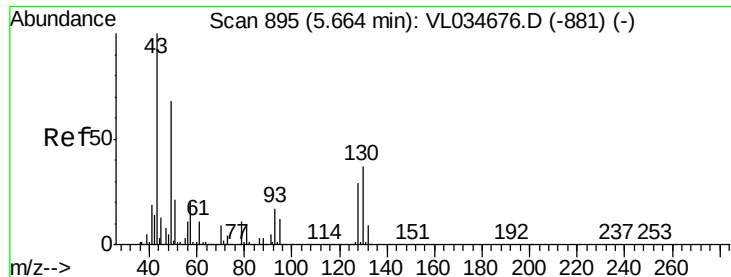
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_L\METHODS\VL022620AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_LFri Feb 28 01:15:02 2020

QLast Update : Fri Feb 28 01:15:02 2020

Response via : Initial Calibration

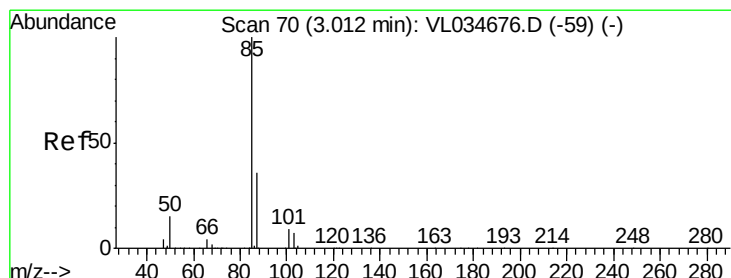
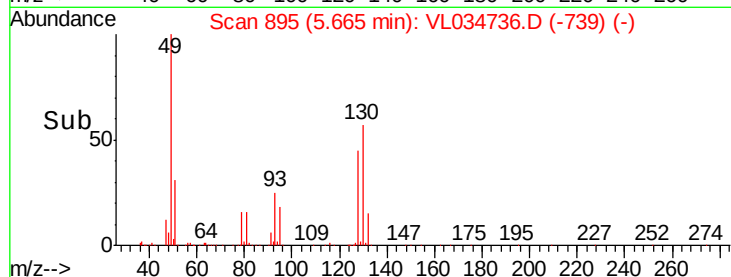
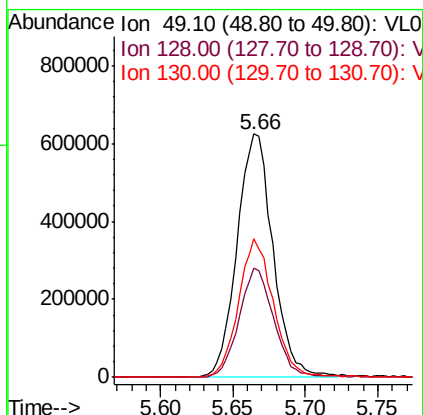
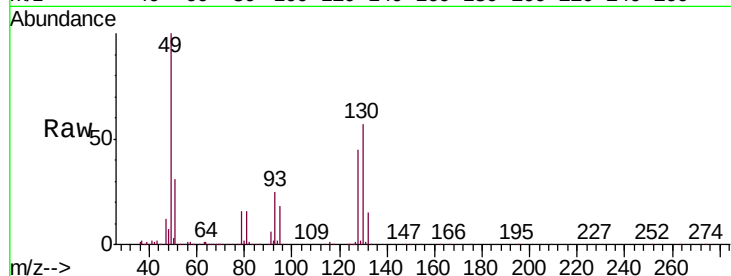




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.66 min Scan# 895  
 Delta R.T. 0.00 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

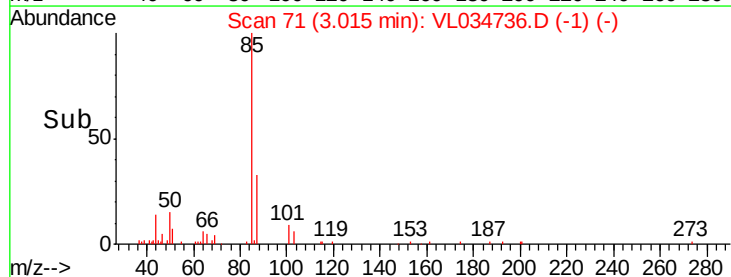
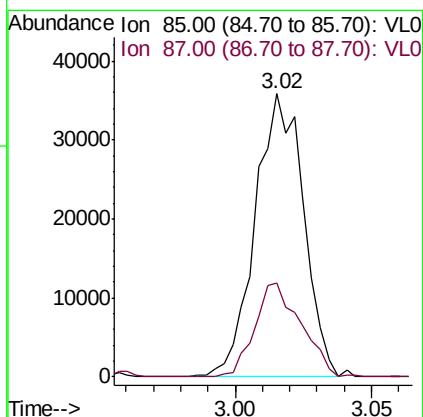
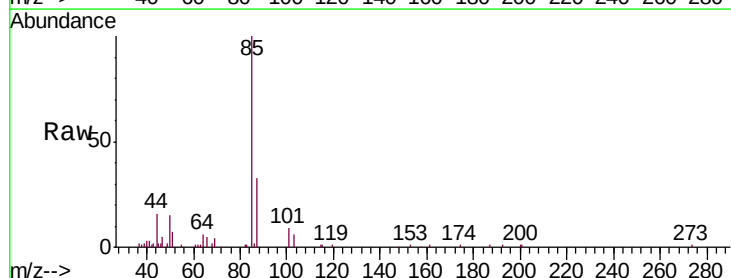
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-7-PRE-K-TEACHERS-ROOMDU

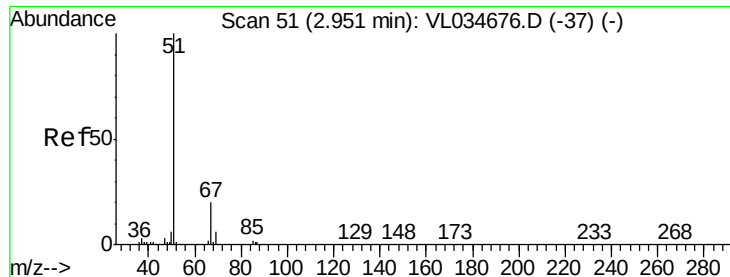
Tgt Ion: 49 Resp: 1075984  
 Ion Ratio Lower Upper  
 49 100  
 128 43.9 21.6 65.0  
 130 55.9 27.7 83.1



#2  
 Dichlorodifluoromethane  
 Concen: 0.259 ppbv  
 RT: 3.02 min Scan# 71  
 Delta R.T. 0.00 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Tgt Ion: 85 Resp: 43955  
 Ion Ratio Lower Upper  
 85 100  
 87 33.0 29.2 43.8





#3

Chlorodifluoromethane

Concen: 1.052 ppbv

RT: 2.93 min Scan# 44

Delta R.T. -0.02 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

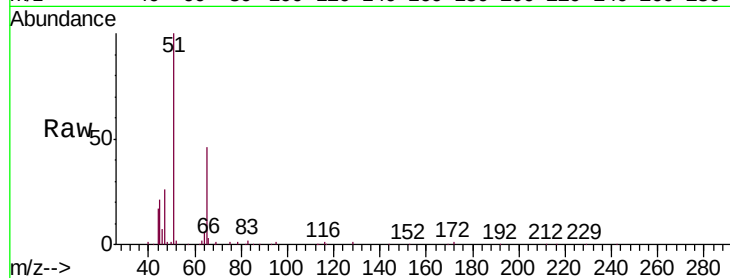
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 51 Resp: 122131

Ion Ratio Lower Upper

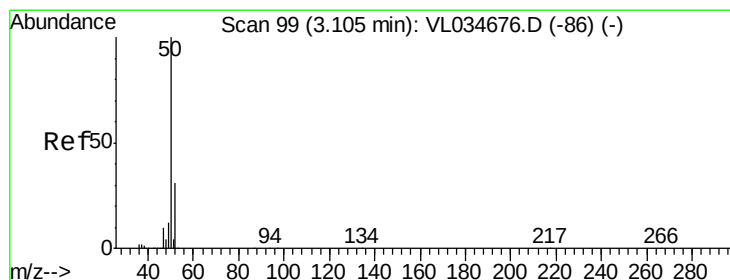
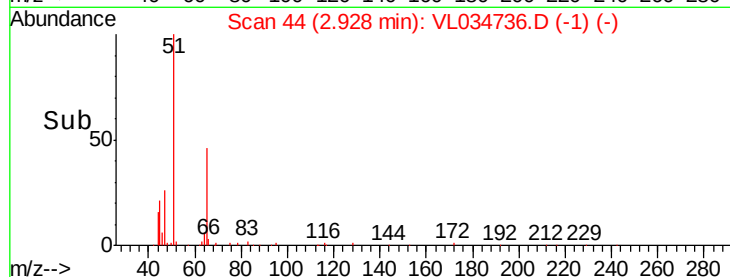
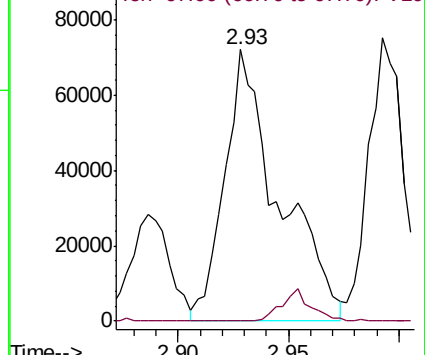
51 100

67 6.6 15.5 23.3#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.516 ppbv

RT: 3.11 min Scan# 100

Delta R.T. 0.00 min

Lab File: VL034736.D

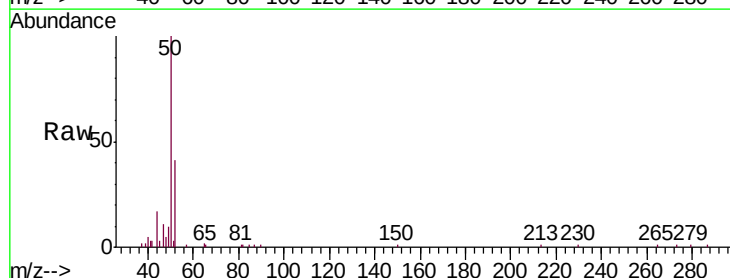
Acq: 28 Feb 2020 14:26

Tgt Ion: 50 Resp: 33509

Ion Ratio Lower Upper

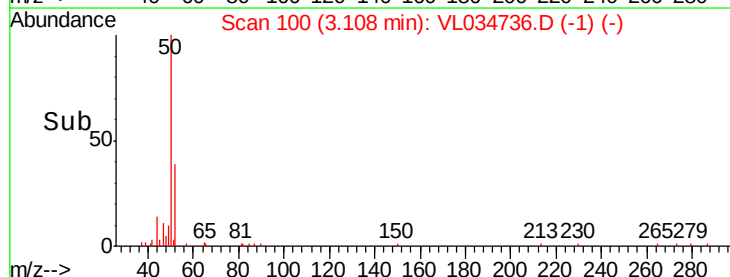
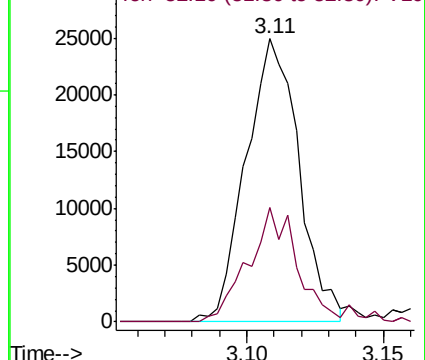
50 100

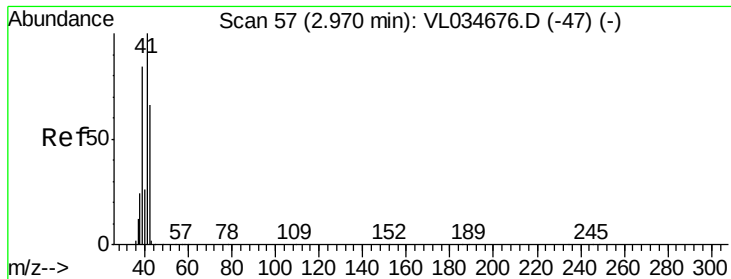
52 40.6 25.0 37.4#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.961 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

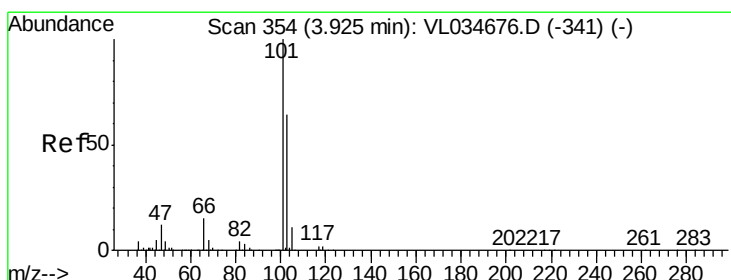
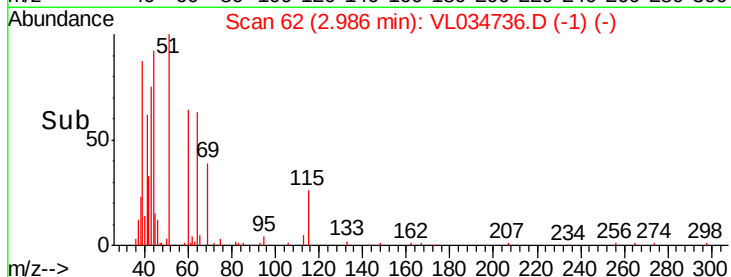
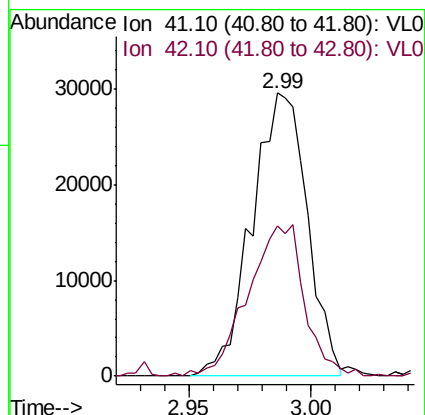
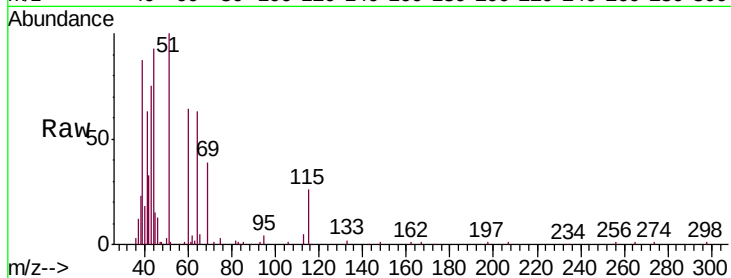
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 41 Resp: 46631

Ion Ratio Lower Upper

41 100

42 55.6 54.9 82.3



#11

Trichlorofluoromethane

Concen: 0.266 ppbv

RT: 3.93 min Scan# 356

Delta R.T. 0.01 min

Lab File: VL034736.D

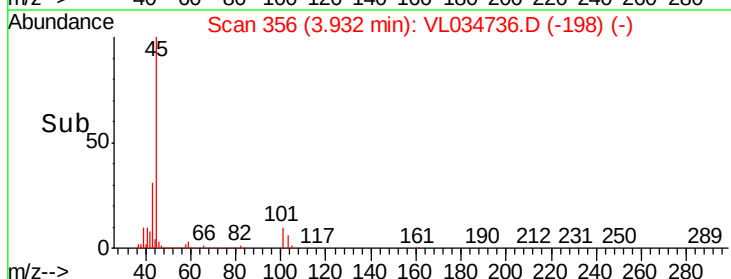
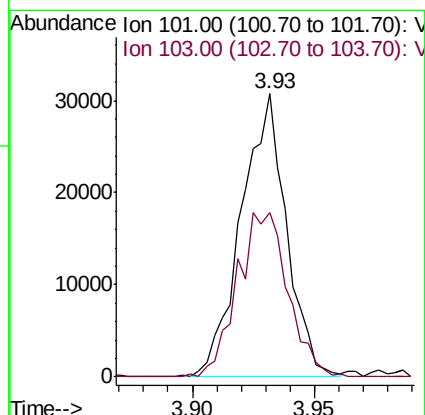
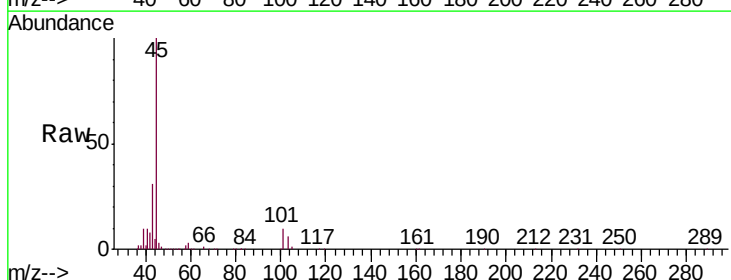
Acq: 28 Feb 2020 14:26

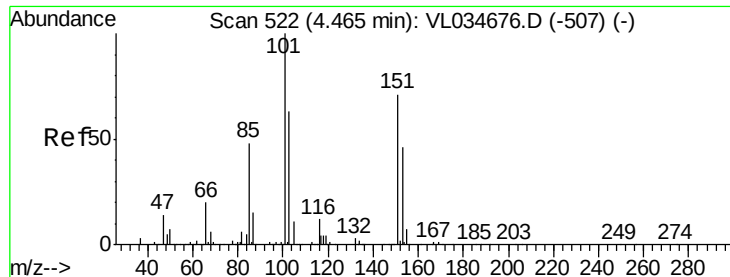
Tgt Ion: 101 Resp: 39513

Ion Ratio Lower Upper

101 100

103 57.1 51.2 76.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.037 ppbv

RT: 4.46 min Scan# 521

Delta R.T. -0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

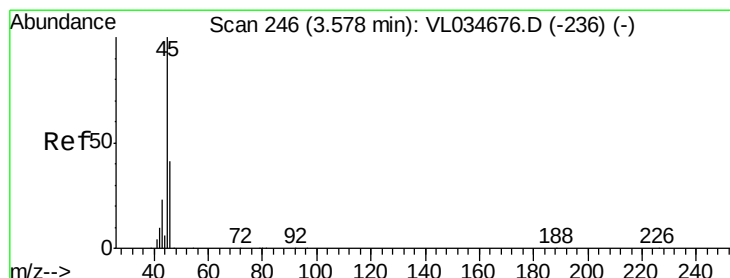
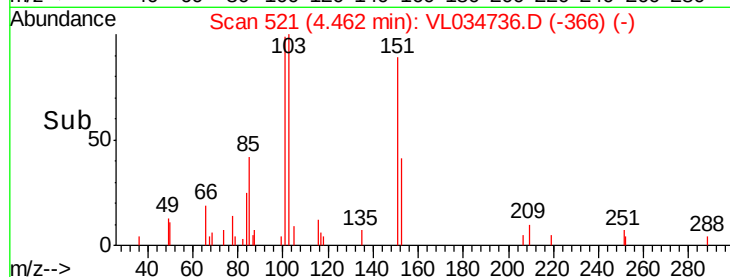
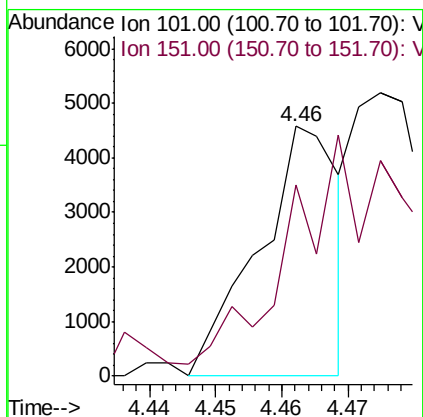
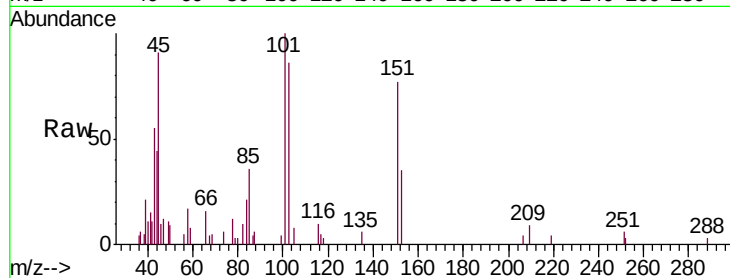
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 101 Resp: 3834

Ion Ratio Lower Upper

101 100

151 0.0 55.8 83.6#



#13

Ethanol

Concen: 178.558 ppbv

RT: 3.59 min Scan# 250

Delta R.T. 0.01 min

Lab File: VL034736.D

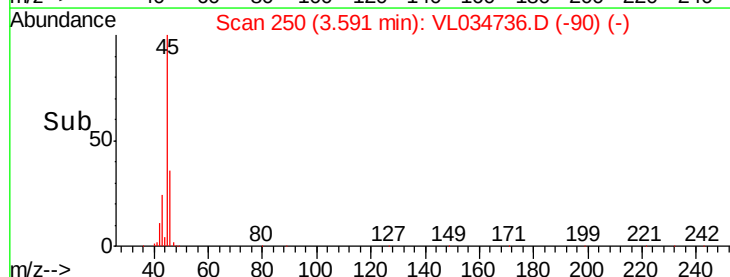
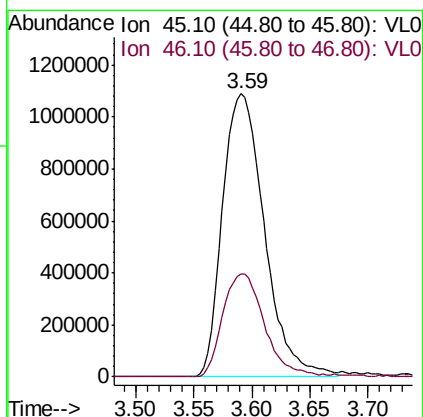
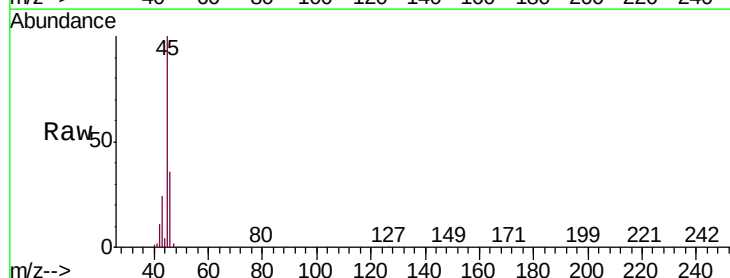
Acq: 28 Feb 2020 14:26

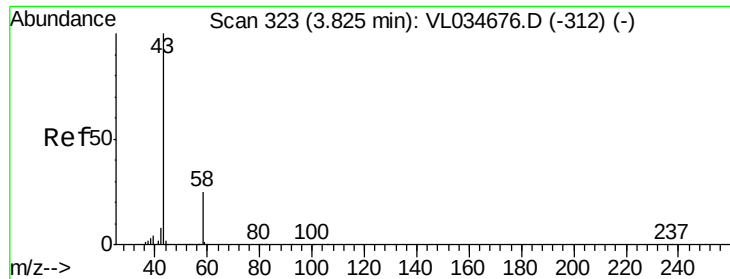
Tgt Ion: 45 Resp: 2737968

Ion Ratio Lower Upper

45 100

46 36.7 15.4 61.4





#15

Acetone

Concen: 10.575 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

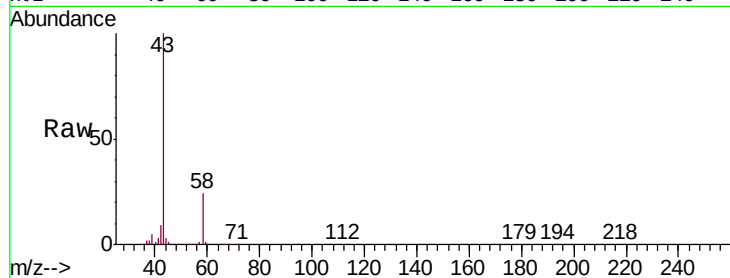
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 43 Resp: 1296616

Ion Ratio Lower Upper

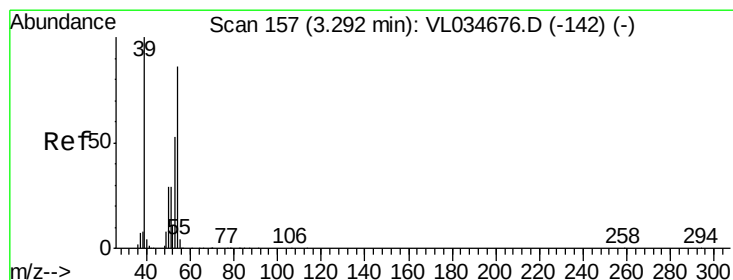
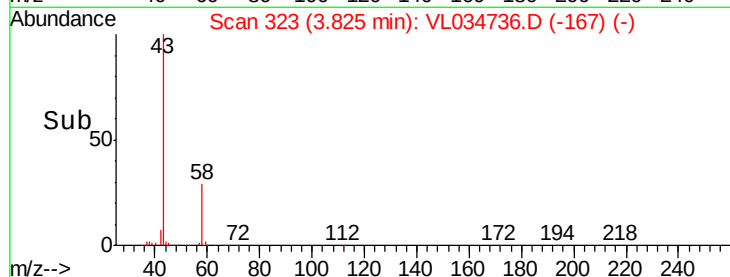
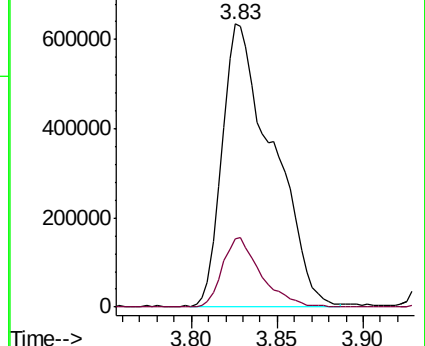
43 100

58 19.1 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.026 ppbv

RT: 3.30 min Scan# 159

Delta R.T. 0.01 min

Lab File: VL034736.D

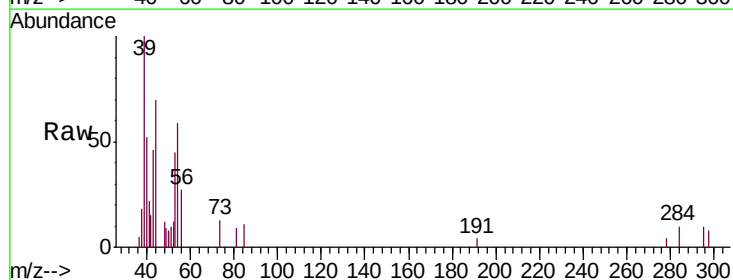
Acq: 28 Feb 2020 14:26

Tgt Ion: 39 Resp: 1474

Ion Ratio Lower Upper

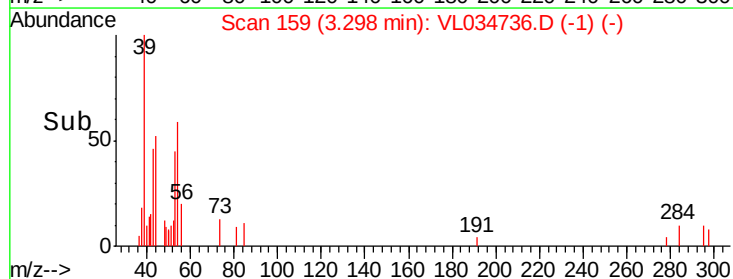
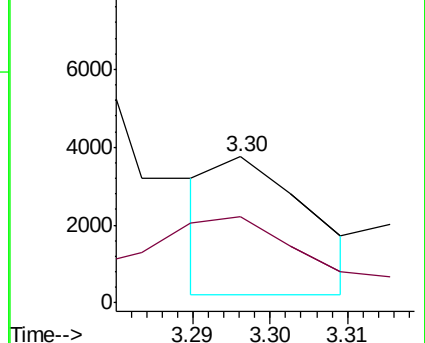
39 100

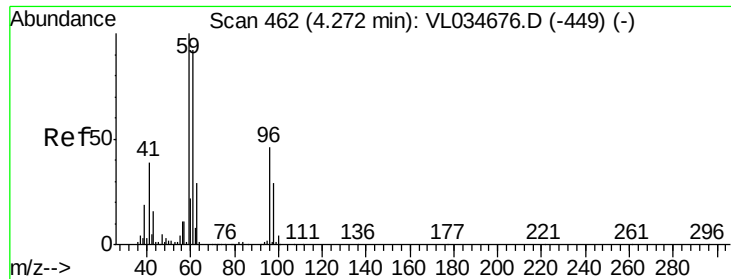
54 264.3 67.0 100.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



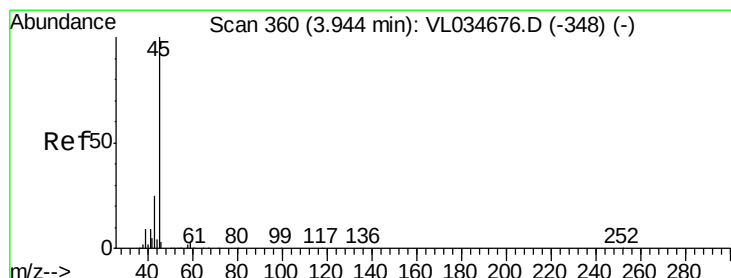
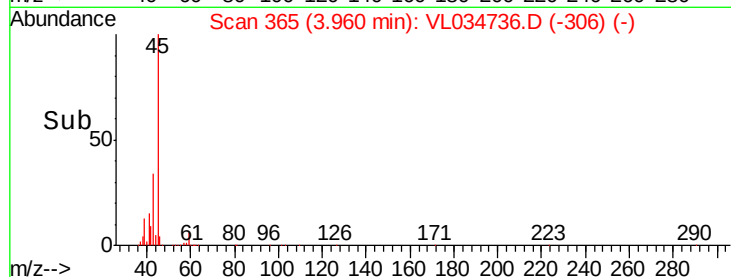
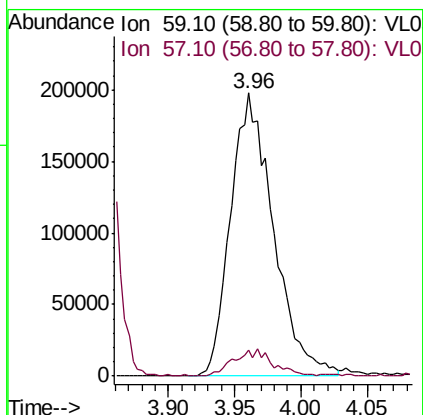
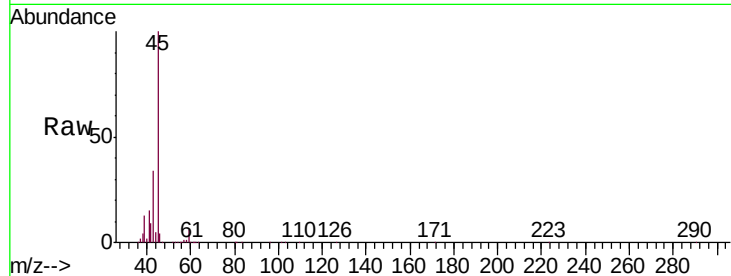


#17

tert-Butyl alcohol  
 Concen: 4.741 ppbv  
 RT: 3.96 min Scan# 365  
 Delta R.T. -0.31 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Instrument :  
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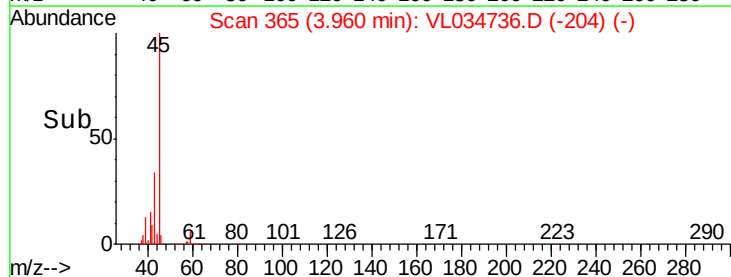
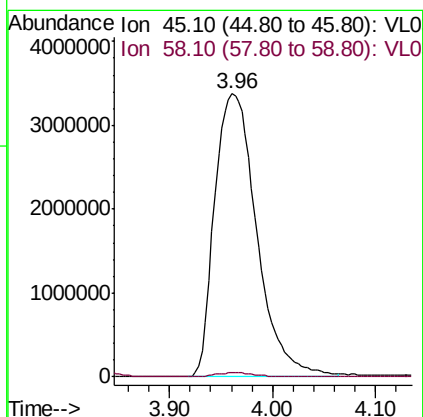
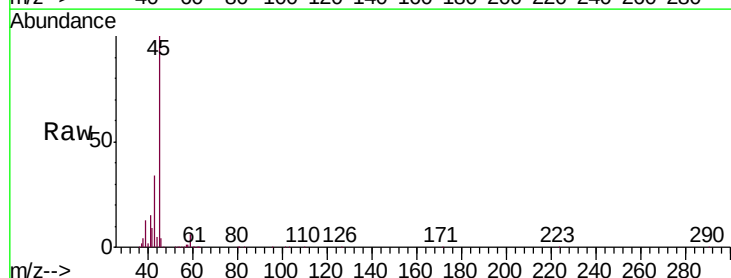
Tgt Ion: 59 Resp: 445461  
 Ion Ratio Lower Upper  
 59 100  
 57 9.1 8.8 13.2



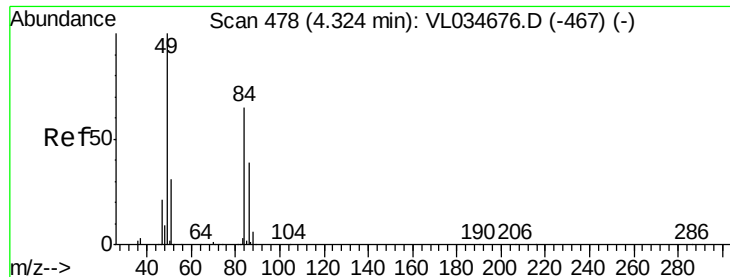
#19

Isopropyl Alcohol  
 Concen: 130.700 ppbv  
 RT: 3.96 min Scan# 365  
 Delta R.T. 0.02 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Tgt Ion: 45 Resp: 9545232  
 Ion Ratio Lower Upper  
 45 100  
 58 1.6 1.8 2.6#



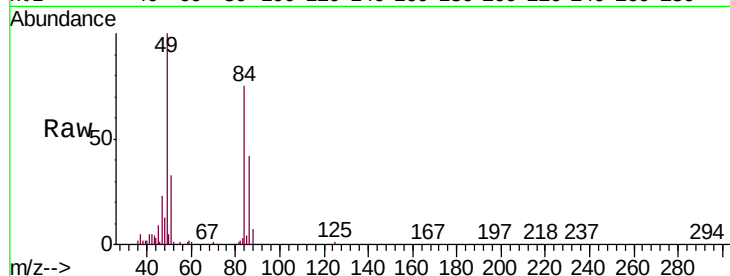




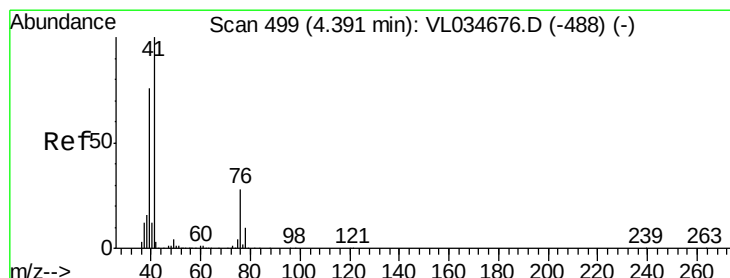
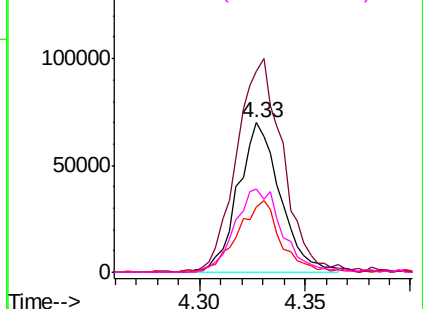
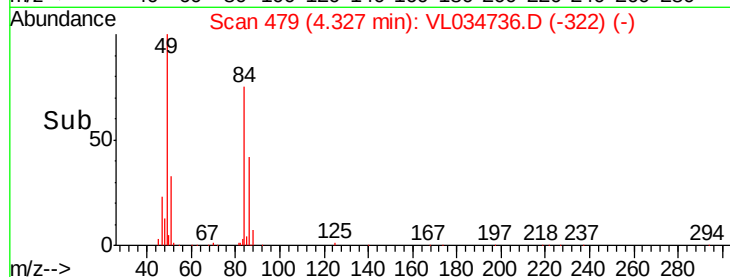
#20  
Methylene Chloride  
Concen: 2.135 ppbv  
RT: 4.33 min Scan# 479  
Delta R.T. 0.00 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 84 Resp: 97342  
Ion Ratio Lower Upper  
84 100  
49 132.3 122.8 184.2  
51 42.7 38.6 58.0  
86 55.9 47.7 71.5

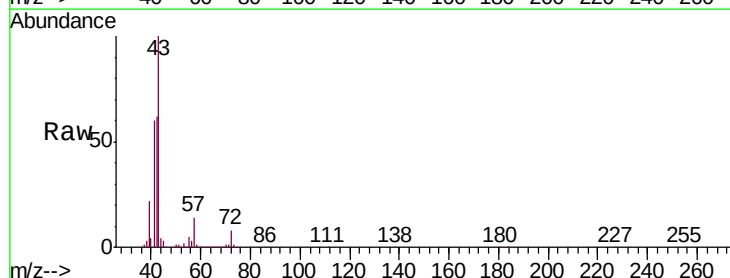


Abundance Ion 84.00 (83.70 to 84.70): VL0  
Ion 49.10 (48.80 to 49.80): VL0  
Ion 51.10 (50.80 to 51.80): VL0  
Ion 86.00 (85.70 to 86.70): VL0

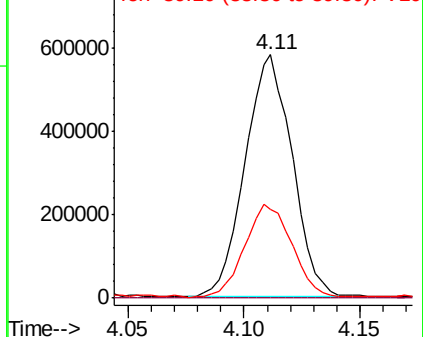
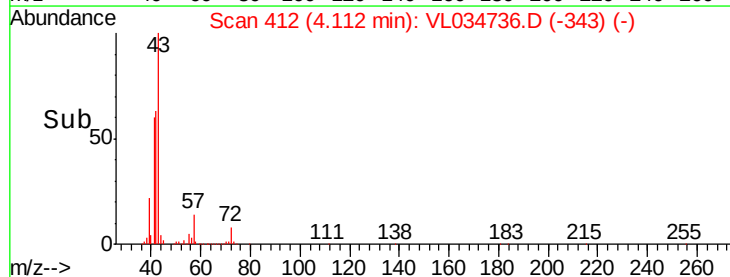


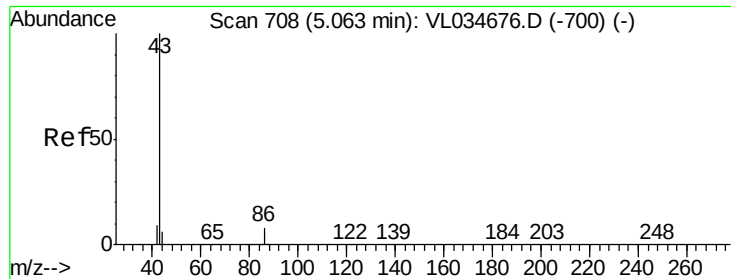
#21  
Allyl Chloride  
Concen: 10.068 ppbv  
RT: 4.11 min Scan# 412  
Delta R.T. -0.28 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

Tgt Ion: 41 Resp: 816721  
Ion Ratio Lower Upper  
41 100  
76 0.3 22.8 34.2#  
39 39.4 61.7 92.5#



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: 0.065 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.01 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

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Tgt Ion: 43 Resp: 10812

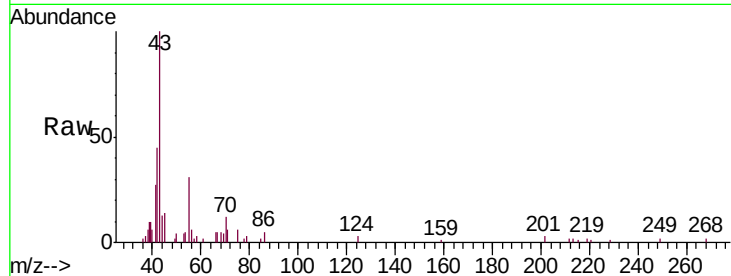
Ion Ratio Lower Upper

43 100

86 2.9 6.0 9.0#

42 47.5 8.0 12.0#

44 0.0 4.5 6.7#

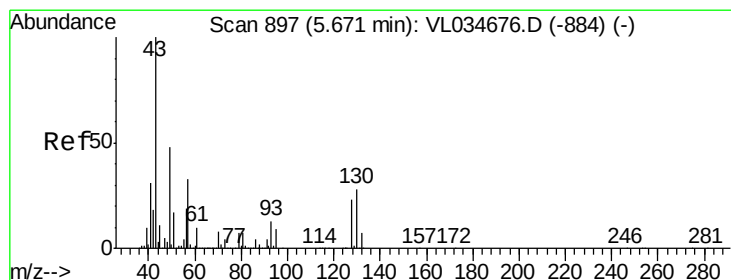
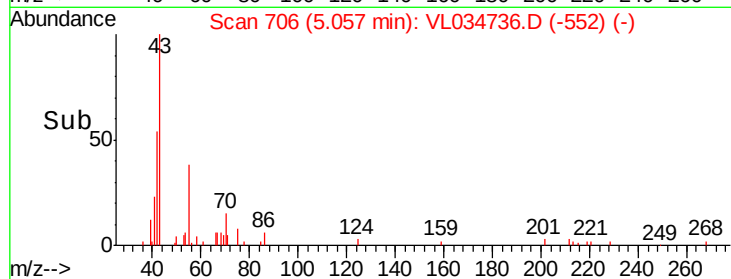
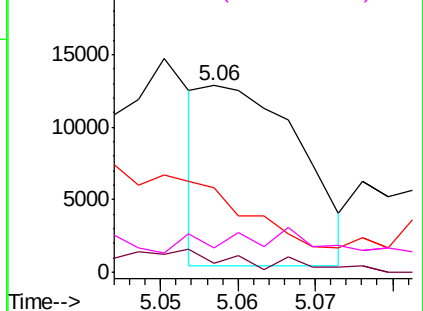


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.350 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Tgt Ion: 43 Resp: 75989

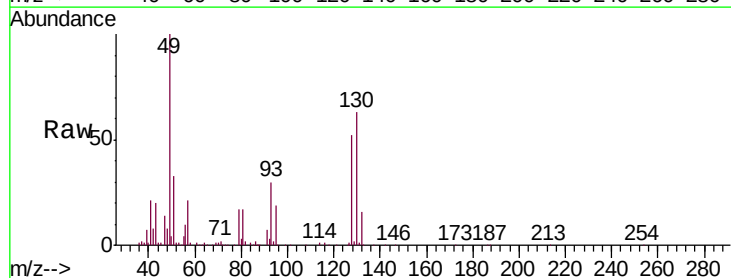
Ion Ratio Lower Upper

43 100

45 5.4 8.2 12.4#

61 3.4 7.8 11.6#

70 3.8 6.1 9.1#

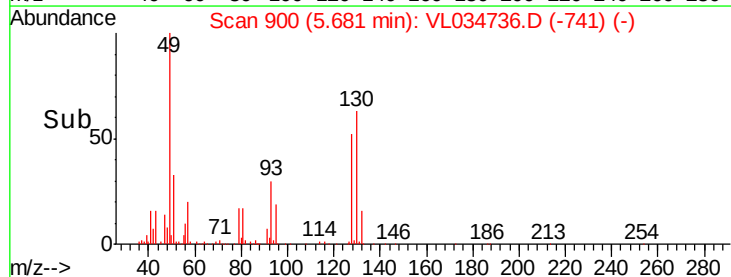
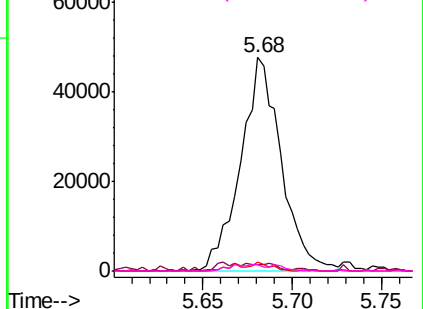


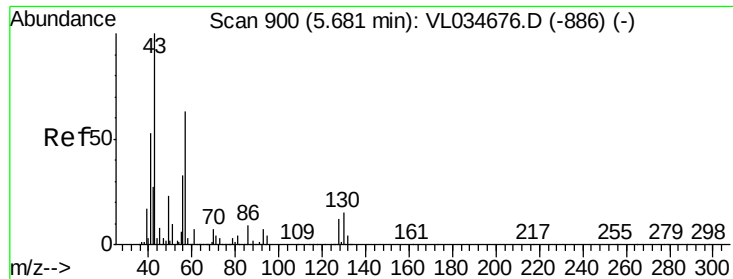
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

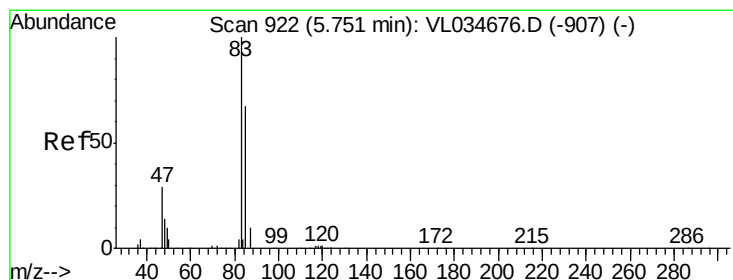
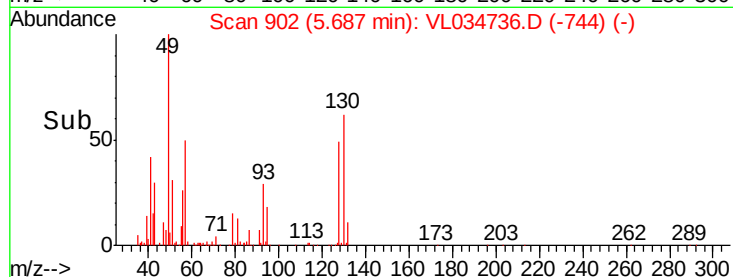
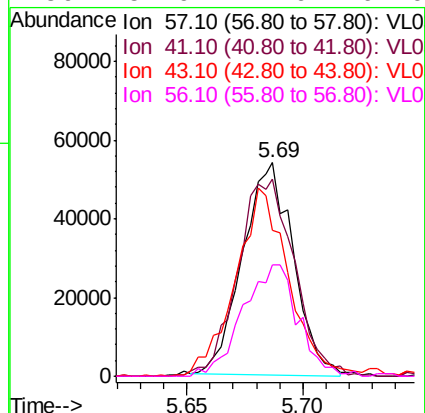
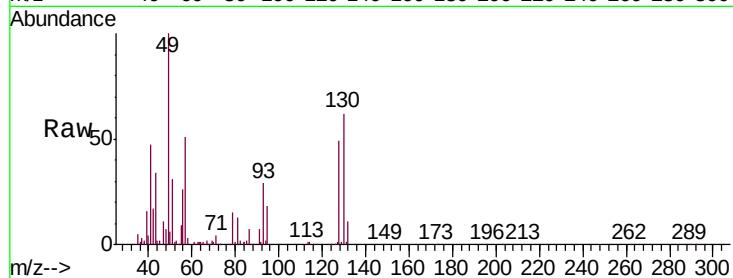




#26  
Hexane  
Concen: 0.818 ppbv  
RT: 5.69 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

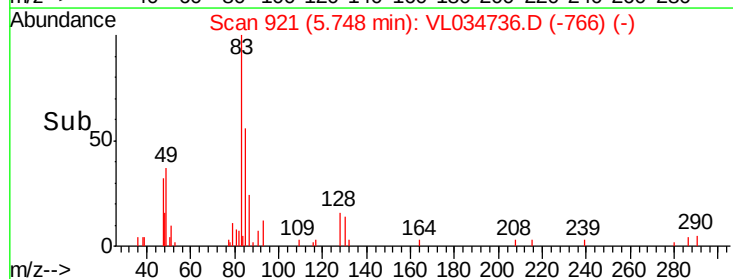
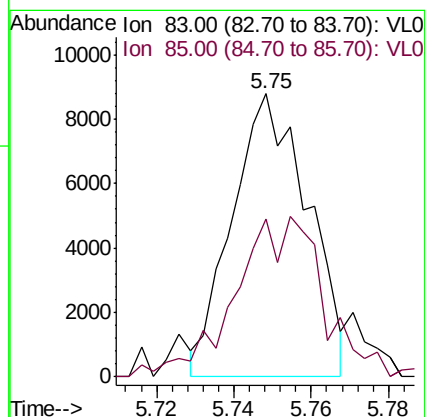
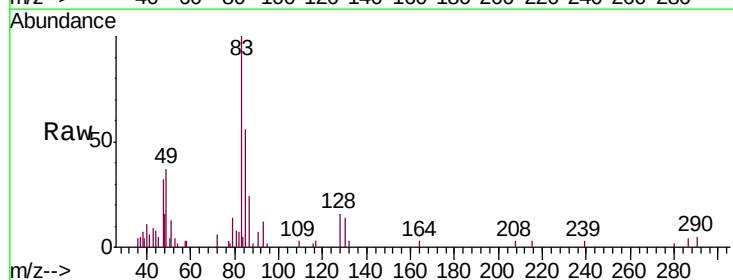
Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-7-PRE-K-TEACHERS-ROOMDU

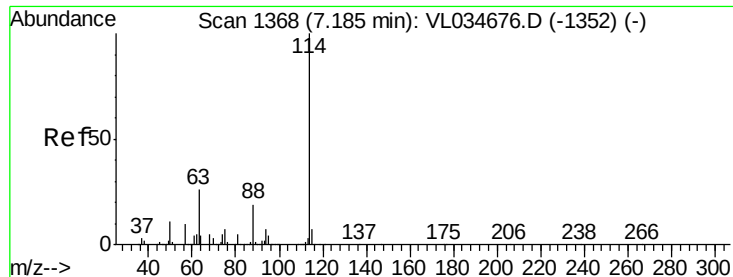
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 81792  |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 103.9 | 70.3  | 105.5  |
| 43       | 95.2  | 177.0 | 265.4# |
| 56       | 57.9  | 42.6  | 64.0   |



#29  
Chloroform  
Concen: 0.075 ppbv  
RT: 5.75 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11918 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 55.4  | 53.9  | 80.9  |

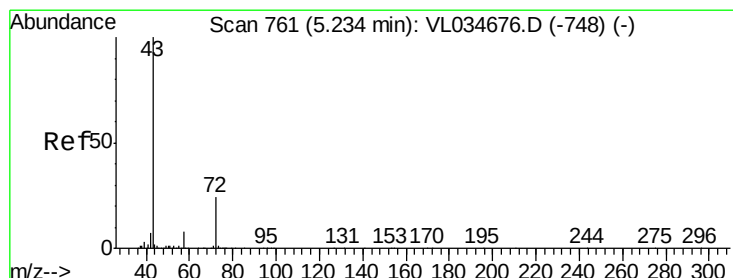
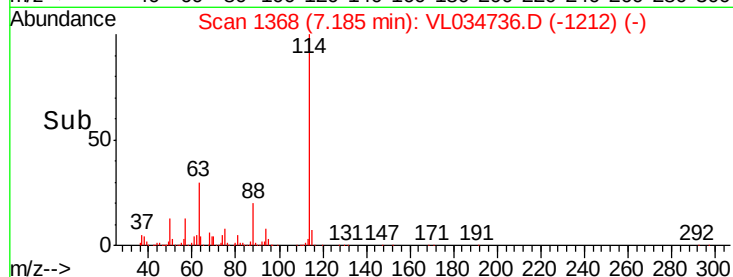
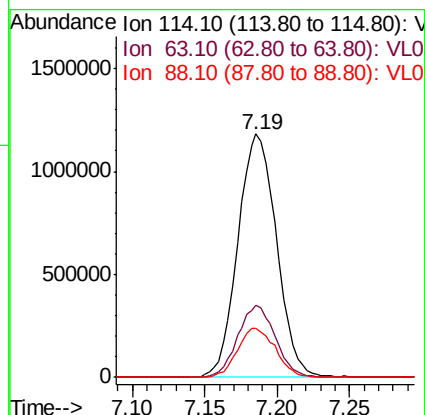
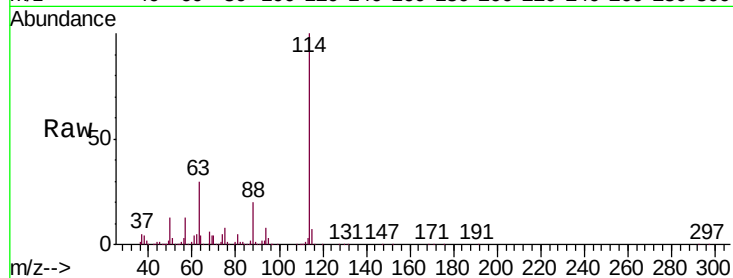




#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.19 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

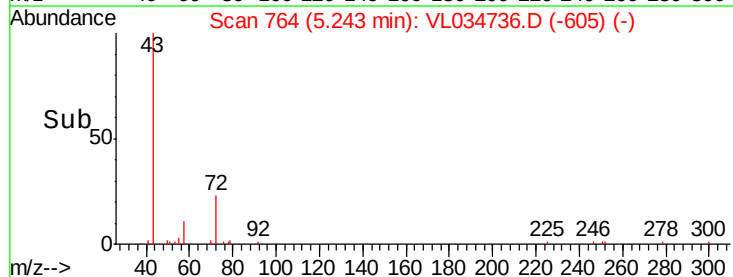
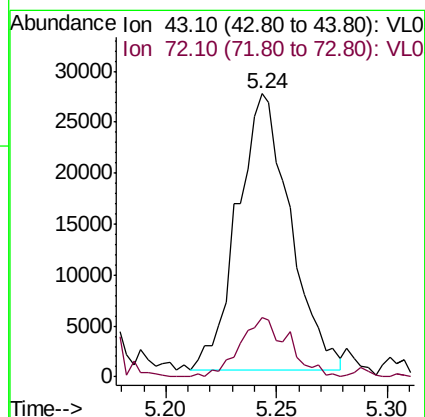
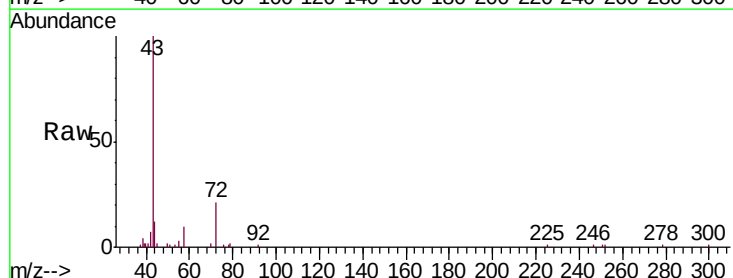
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-7-PRE-K-TEACHERS-ROOMDU

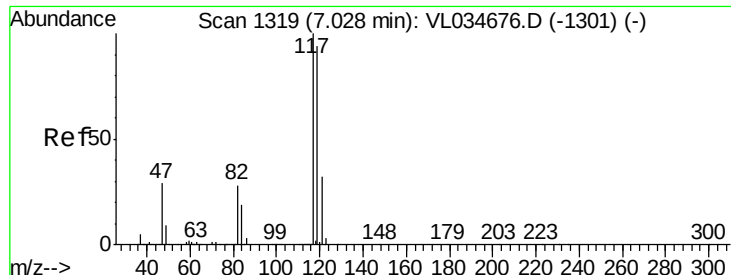
Tgt Ion:114 Resp: 2186097  
 Ion Ratio Lower Upper  
 114 100  
 63 28.9 22.9 34.3  
 88 19.9 15.8 23.6



#34  
 2-Butanone  
 Concen: 0.329 ppbv  
 RT: 5.24 min Scan# 764  
 Delta R.T. 0.01 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Tgt Ion: 43 Resp: 45288  
 Ion Ratio Lower Upper  
 43 100  
 72 19.9 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.042 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

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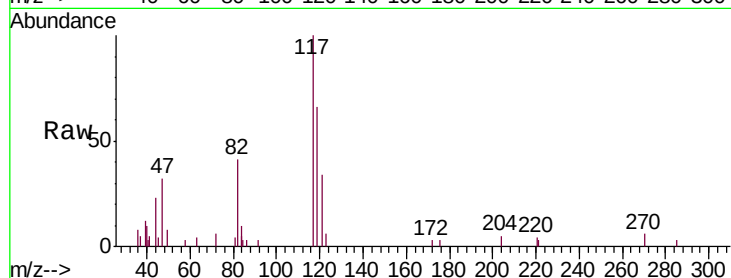
Tgt Ion:117 Resp: 6134

Ion Ratio Lower Upper

117 100

119 48.7 75.5 113.3#

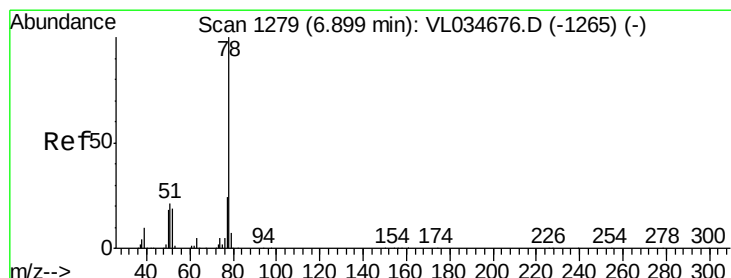
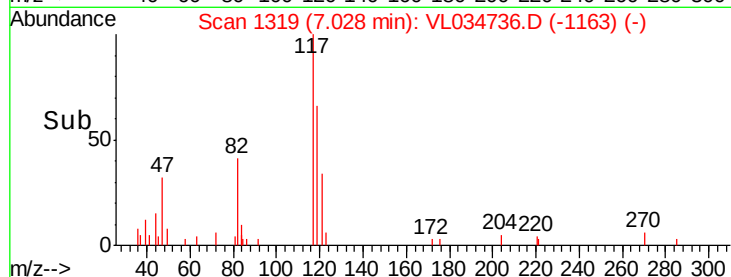
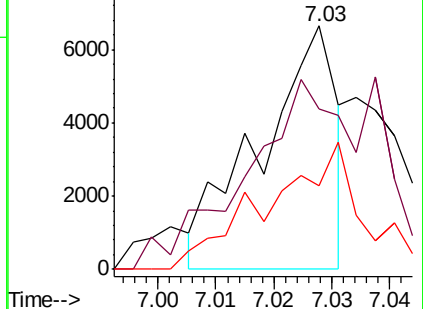
121 31.5 25.4 38.0



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: 0.293 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

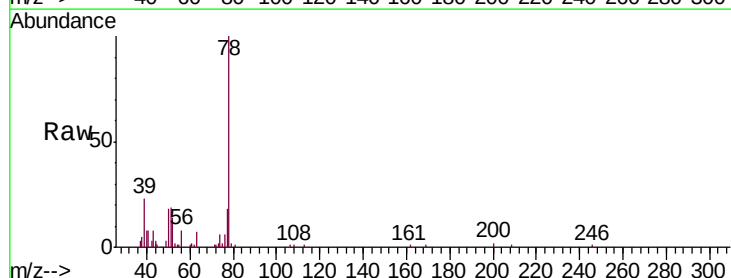
Tgt Ion: 78 Resp: 55380

Ion Ratio Lower Upper

78 100

77 17.8 19.5 29.3#

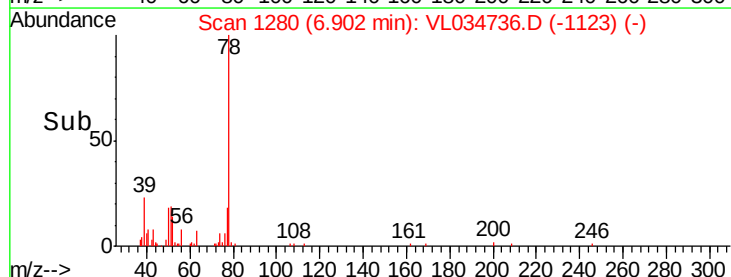
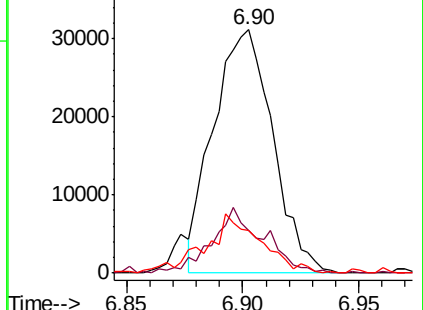
50 17.6 14.6 21.8

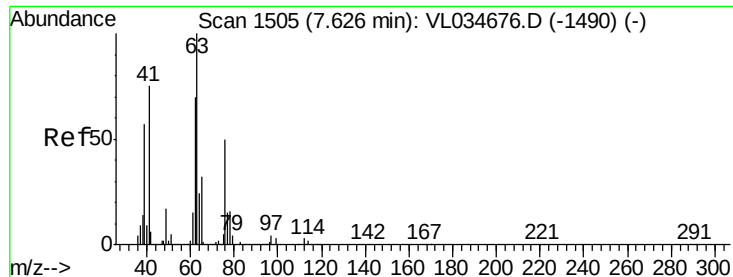


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

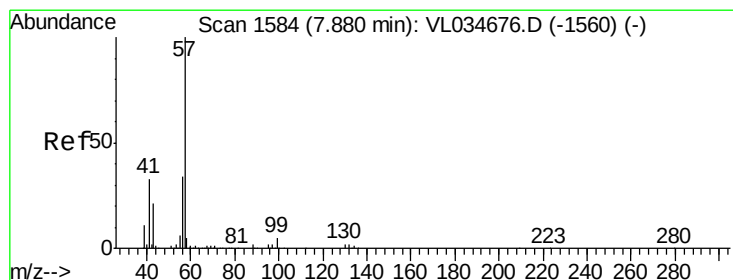
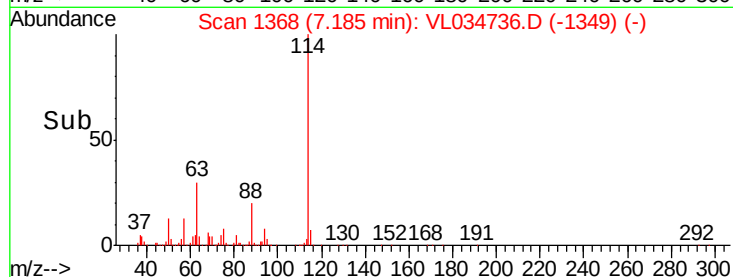
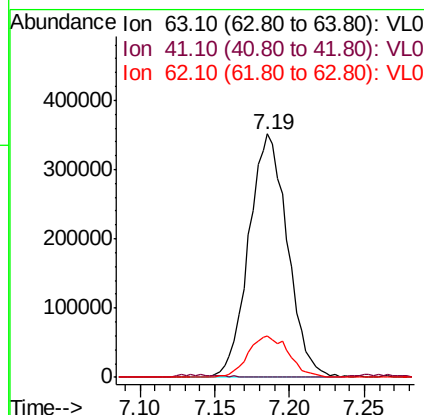
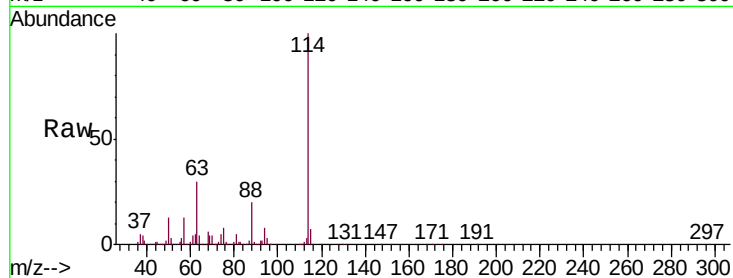




#39  
 1,2-Dichloropropane  
 Concen: 8.407 ppbv  
 RT: 7.19 min Scan# 1368  
 Delta R.T. -0.44 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

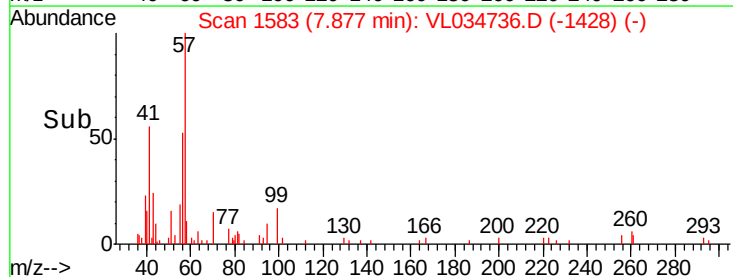
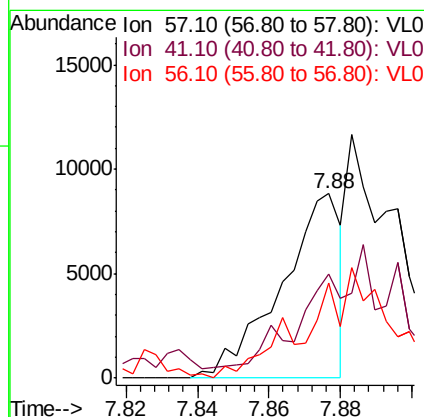
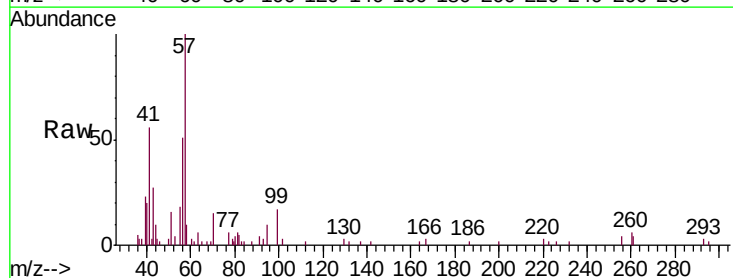
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-7-PRE-K-TEACHERS-ROOMDU

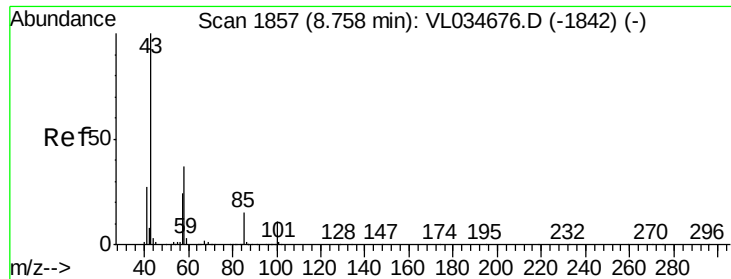
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 41      | 0.0   | 60.2  | 90.4# |
| 62      | 17.1  | 56.3  | 84.5# |



#44  
 2,2,4-Trimethylpentane  
 Concen: 0.031 ppbv  
 RT: 7.88 min Scan# 1583  
 Delta R.T. -0.00 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 57      | 100   |       |       |
| 41      | 0.0   | 26.0  | 39.0# |
| 56      | 0.0   | 25.6  | 38.4# |

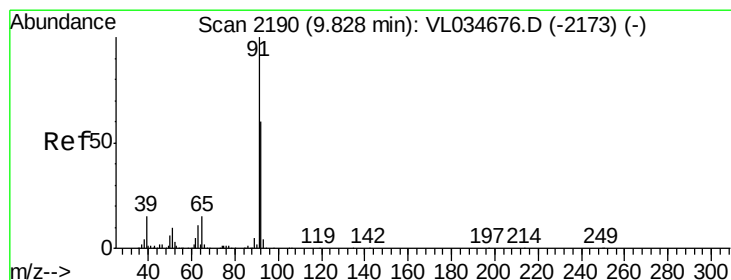
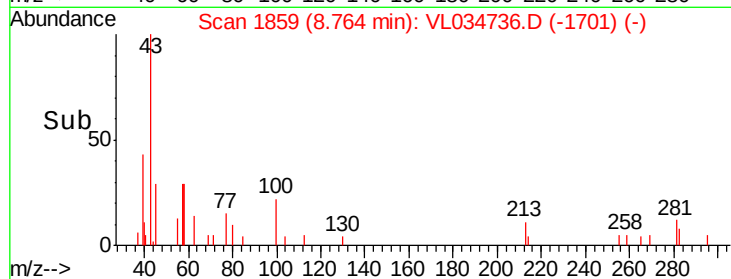
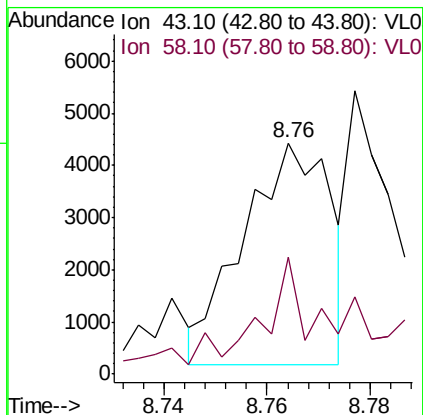
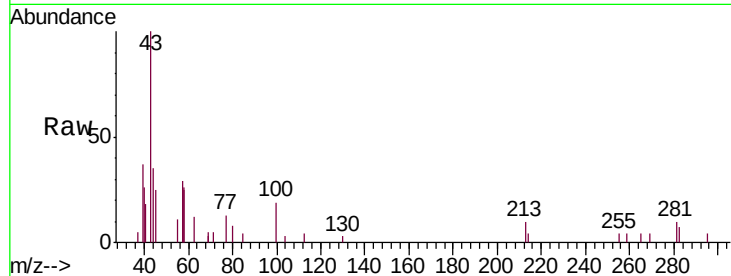




#50  
 4-Methyl-2-Pentanone  
 Concen: 0.025 ppbv  
 RT: 8.76 min Scan# 1859  
 Delta R.T. 0.01 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

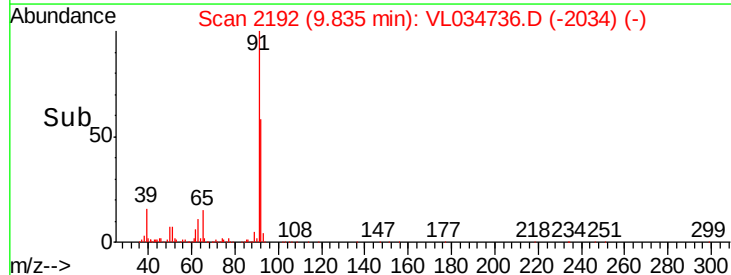
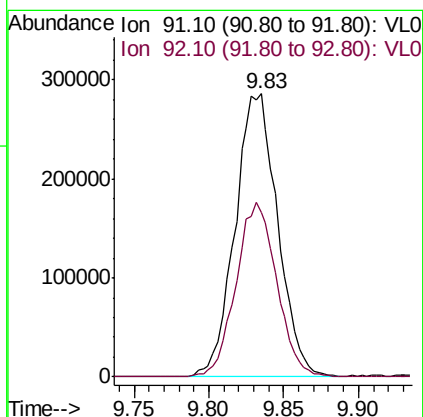
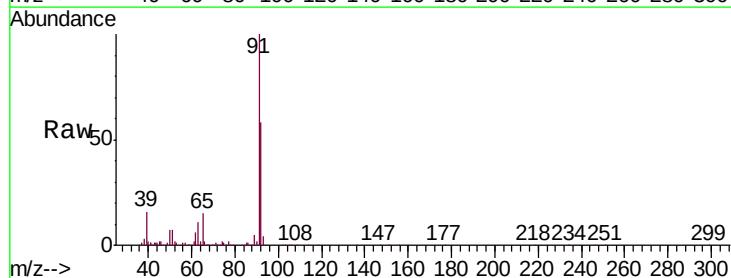
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-7-PRE-K-TEACHERS-ROOMDU

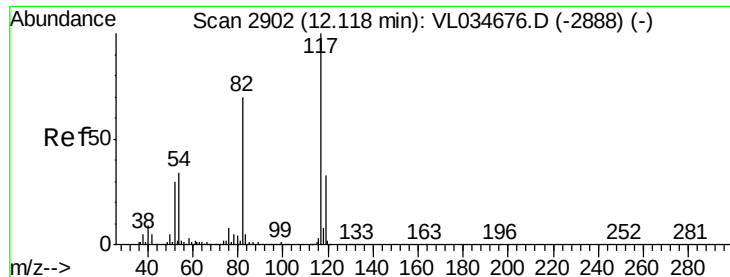
Tgt Ion: 43 Resp: 4969  
 Ion Ratio Lower Upper  
 43 100  
 58 71.6 29.0 43.6#



#53  
 Toluene  
 Concen: 2.803 ppbv  
 RT: 9.83 min Scan# 2192  
 Delta R.T. 0.01 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Tgt Ion: 91 Resp: 562816  
 Ion Ratio Lower Upper  
 91 100  
 92 59.8 48.5 72.7

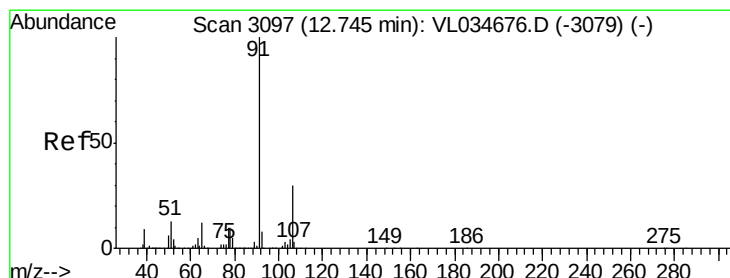
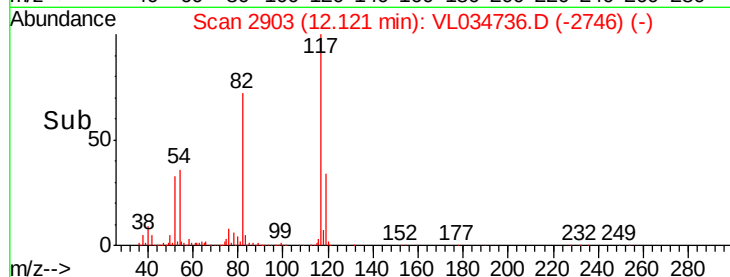
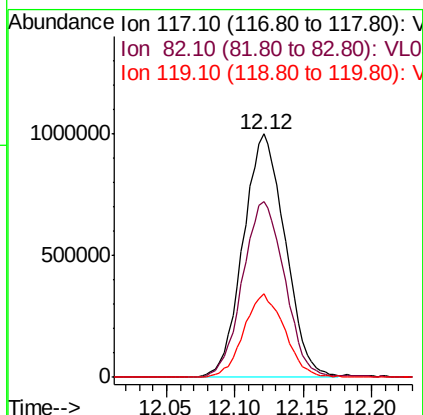
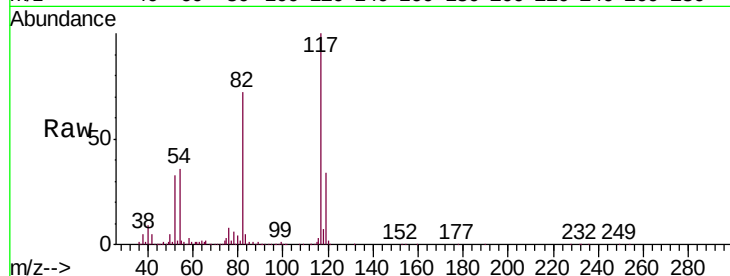




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.12 min Scan# 2903  
Delta R.T. 0.00 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

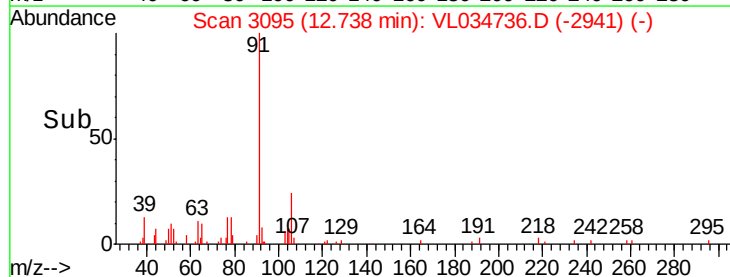
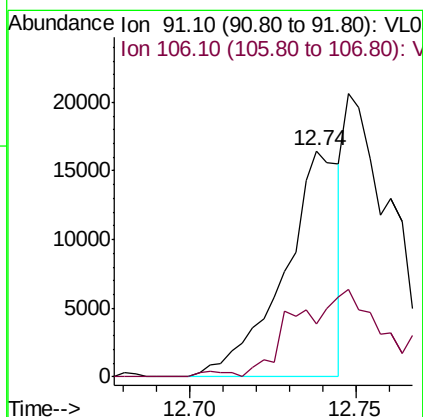
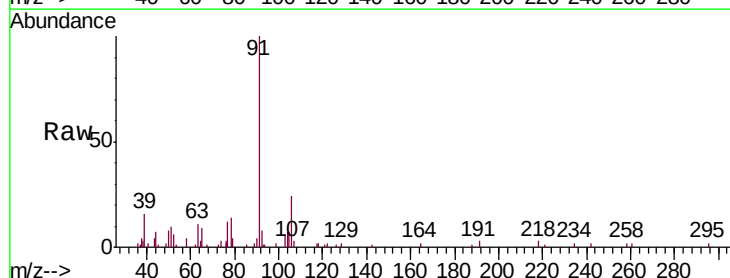
Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion:117 Resp: 2130363  
Ion Ratio Lower Upper  
117 100  
82 73.2 54.1 81.1  
119 33.5 27.6 41.4

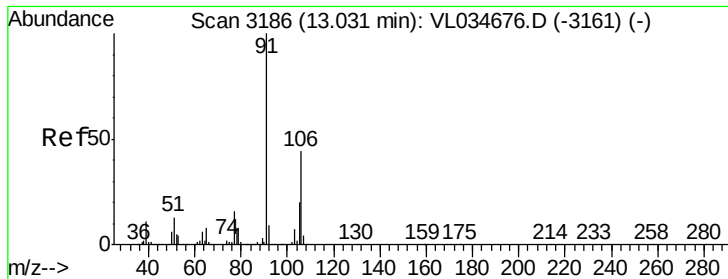


#58  
Ethyl Benzene  
Concen: 0.074 ppbv  
RT: 12.74 min Scan# 3095  
Delta R.T. -0.01 min  
Lab File: VL034736.D  
Acq: 28 Feb 2020 14:26

Tgt Ion: 91 Resp: 19025  
Ion Ratio Lower Upper  
91 100  
106 26.9 24.0 36.0







#59

m/p-Xylene

Concen: 0.156 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

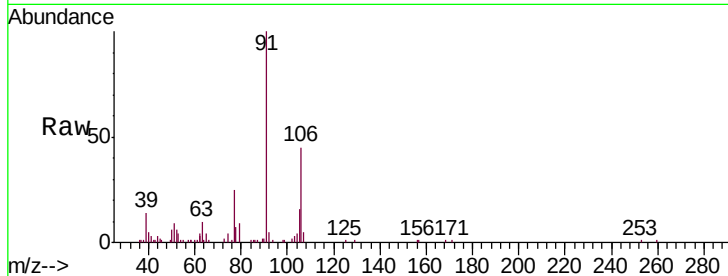
IAS-7-PRE-K-TEACHERS-ROOMDU

Tgt Ion: 91 Resp: 34998

Ion Ratio Lower Upper

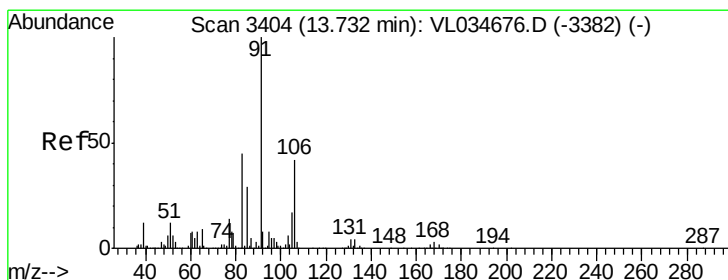
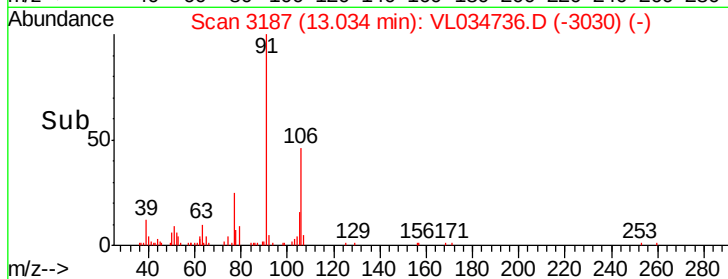
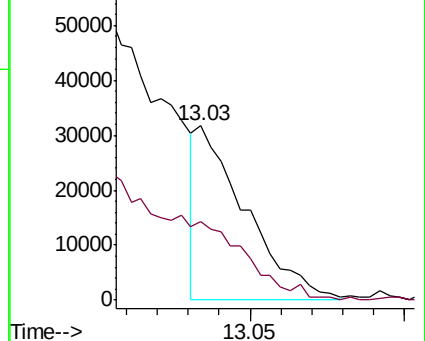
91 100

106 0.0 35.6 53.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.111 ppbv

RT: 13.73 min Scan# 3404

Delta R.T. 0.00 min

Lab File: VL034736.D

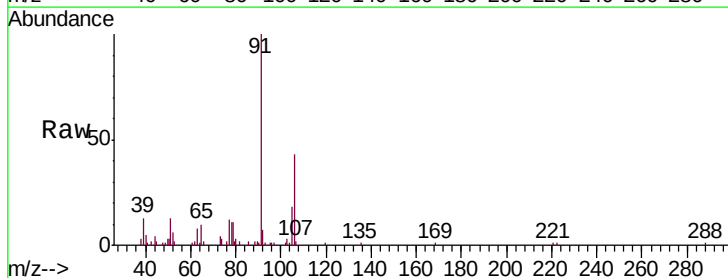
Acq: 28 Feb 2020 14:26

Tgt Ion: 91 Resp: 24655

Ion Ratio Lower Upper

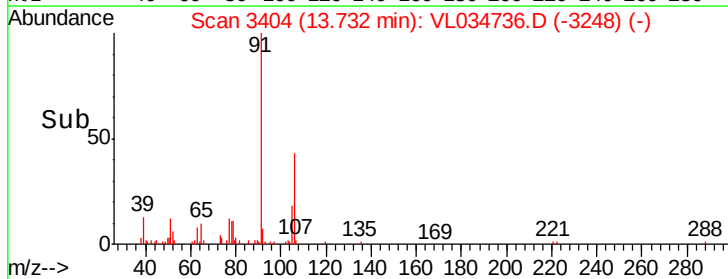
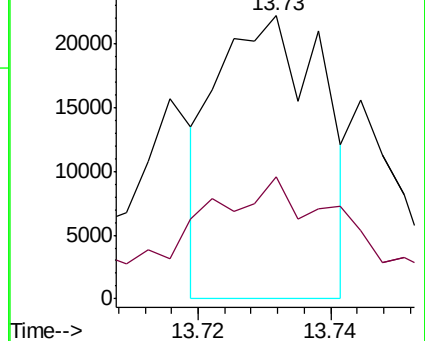
91 100

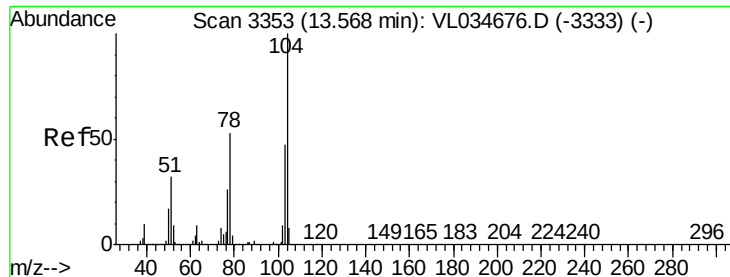
106 77.0 21.9 65.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Styrene

Concen: 0.024 ppbv

RT: 13.56 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

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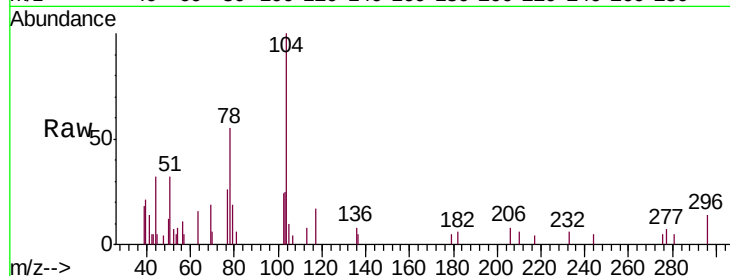
Tgt Ion:104 Resp: 3460

Ion Ratio Lower Upper

104 100

78 0.0 44.2 66.4#

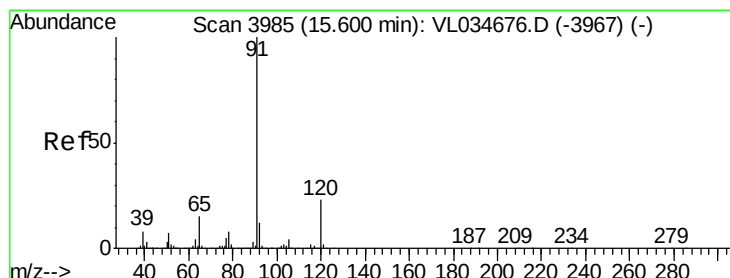
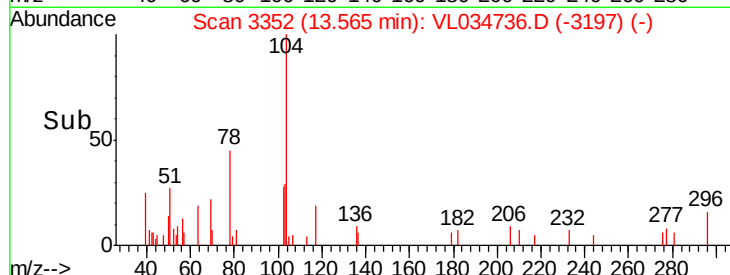
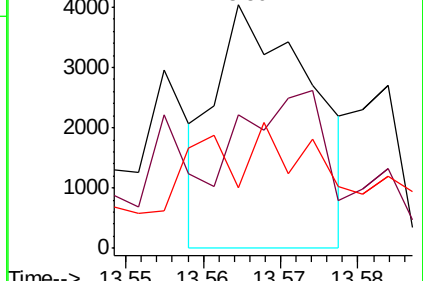
103 107.5 37.4 56.0#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.022 ppbv

RT: 15.81 min Scan# 4049

Delta R.T. 0.21 min

Lab File: VL034736.D

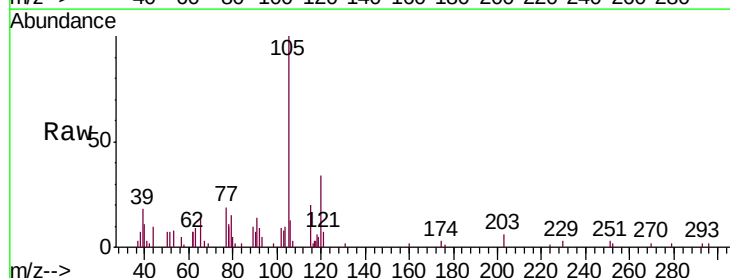
Acq: 28 Feb 2020 14:26

Tgt Ion:120 Resp: 1851

Ion Ratio Lower Upper

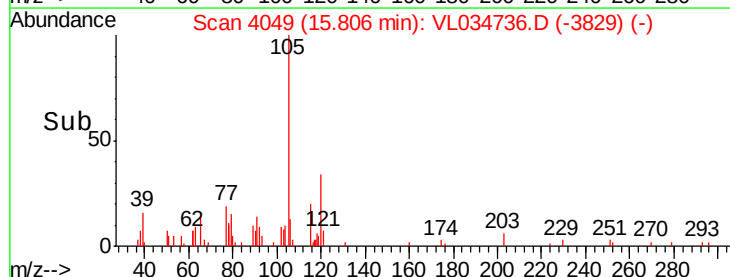
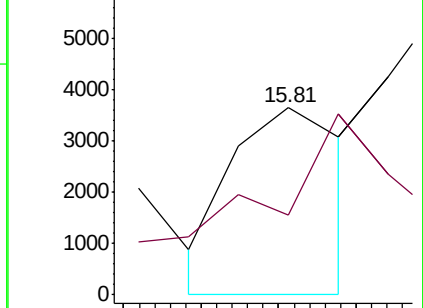
120 100

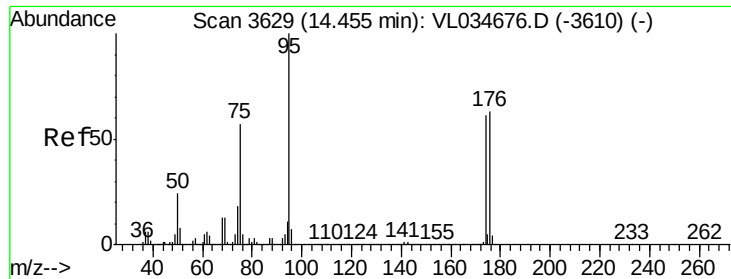
91 406.1 369.8 554.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.424 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

Lab File: VL034736.D

Acq: 28 Feb 2020 14:26

Instrument :

MSVOA\_L

ClientSampleId :

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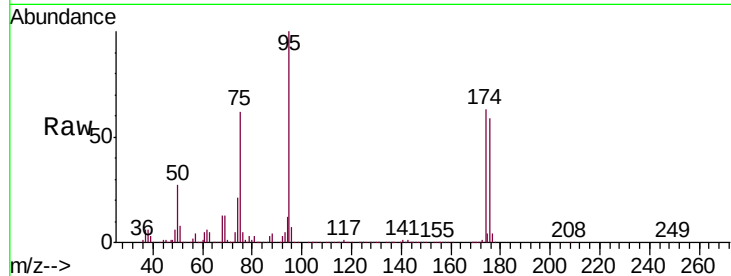
Tgt Ion: 95 Resp: 1820804

Ion Ratio Lower Upper

95 100

174 64.8 50.7 76.1

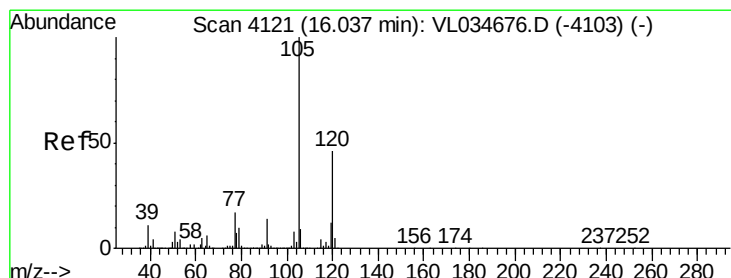
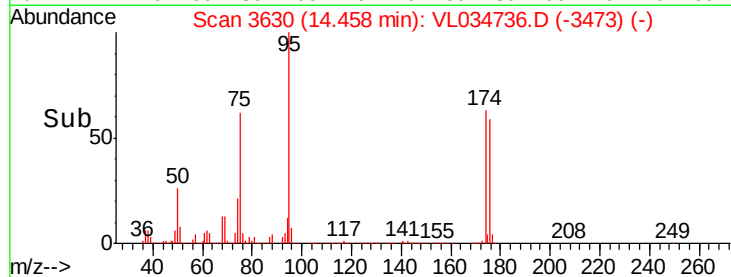
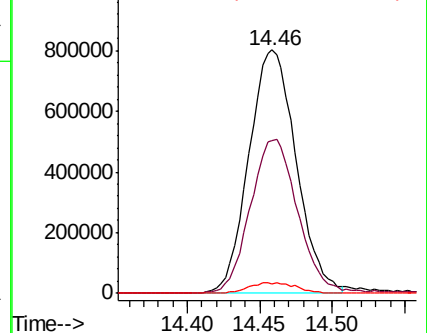
175 4.5 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#73

1,3,5-Trimethylbenzene

Concen: 0.029 ppbv

RT: 16.04 min Scan# 4123

Delta R.T. 0.01 min

Lab File: VL034736.D

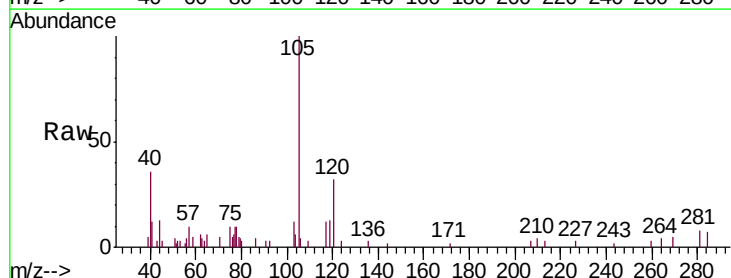
Acq: 28 Feb 2020 14:26

Tgt Ion: 105 Resp: 7014

Ion Ratio Lower Upper

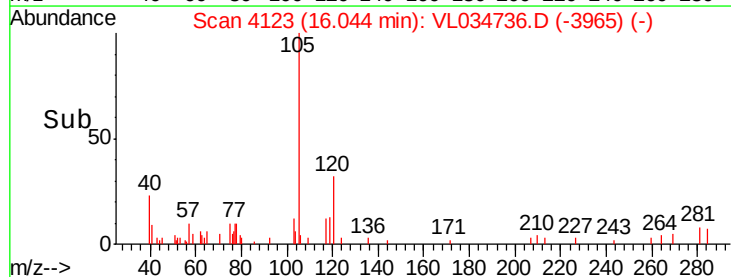
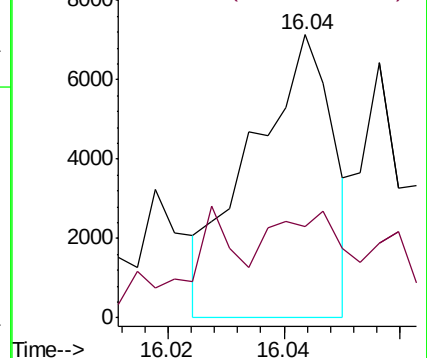
105 100

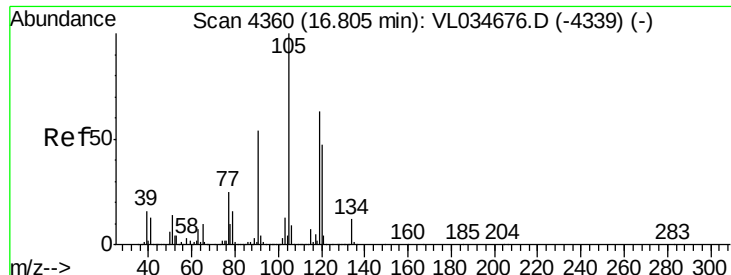
120 27.8 37.1 55.7#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

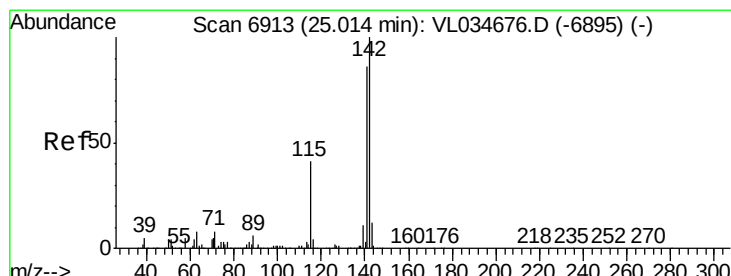
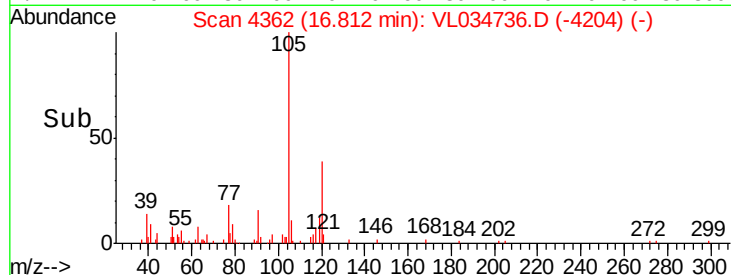
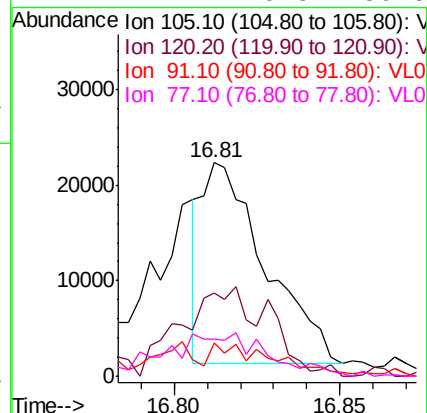
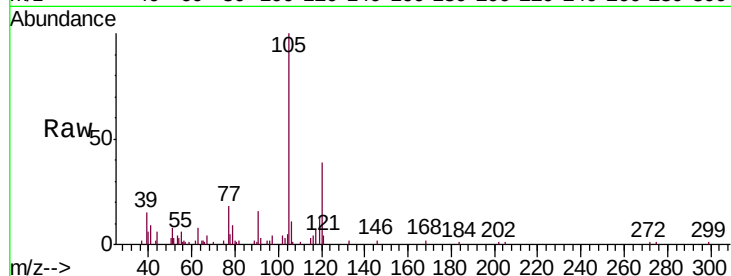




#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.106 ppbv  
 RT: 16.81 min Scan# 4362  
 Delta R.T. 0.01 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-7-PRE-K-TEACHERS-ROOMDU

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 27930 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 45.4  | 37.9  | 56.9  |
| 91       | 15.2  | 43.9  | 65.9# |
| 77       | 17.4  | 20.3  | 30.5# |



#80  
 Naphthalene, 2-methyl-  
 Concen: 0.024 ppbv  
 RT: 25.02 min Scan# 6916  
 Delta R.T. 0.01 min  
 Lab File: VL034736.D  
 Acq: 28 Feb 2020 14:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 1740  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 85.7  | 66.5  | 99.7  |
| 115      | 59.8  | 30.6  | 46.0# |

