

Data File : VL034735.D

Acq On : 28 Feb 2020 13:28

Operator : SY/AP

Sample : L1662-07

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

IAS-7-PRE-K-TEACHERS-ROOM

Quant Time: Mar 02 04:30:41 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	960123	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1975672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1938072	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1652636	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds

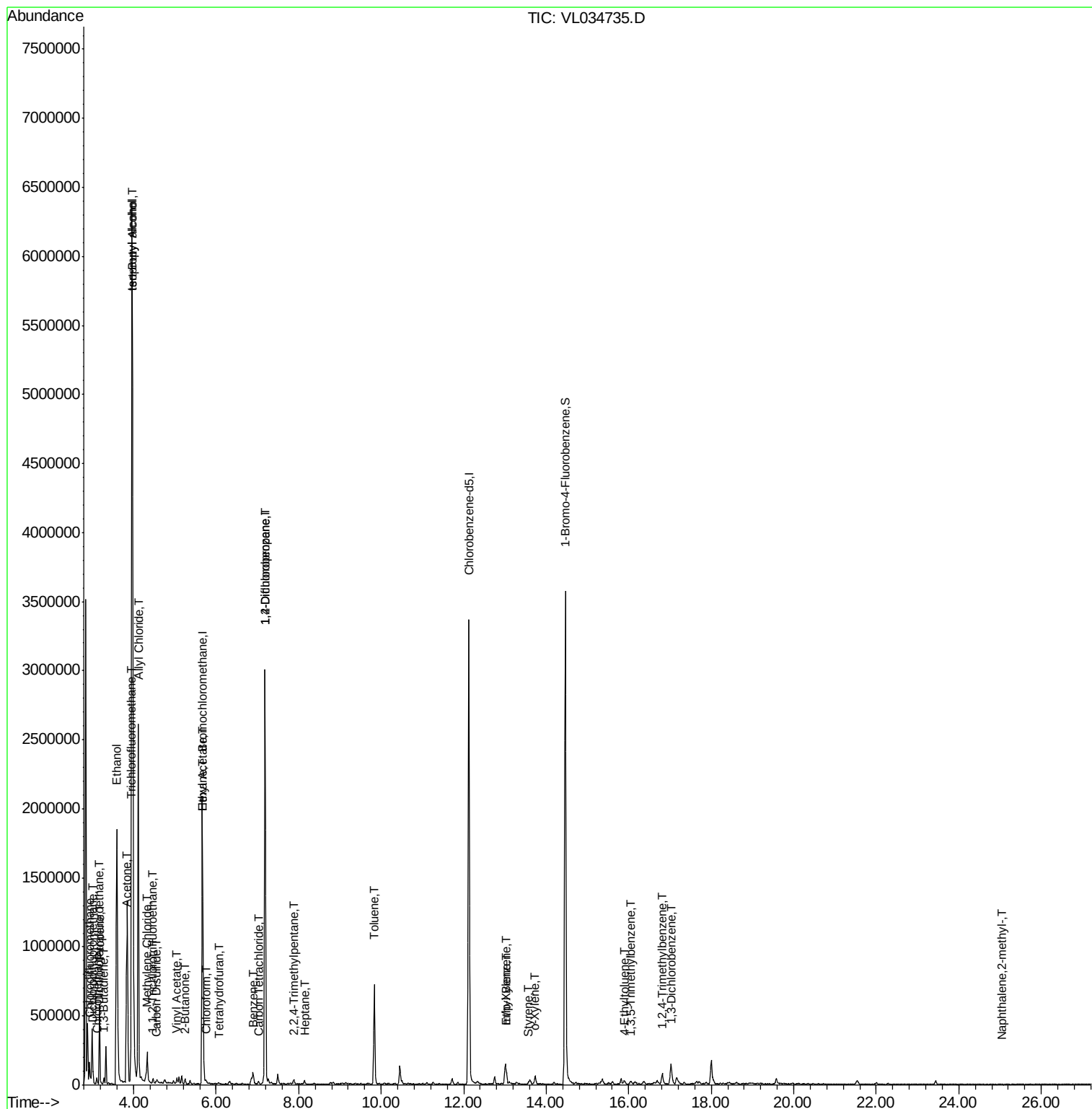
						Qvalue
2) Dichlorodifluoromethane	3.02	85	47692	0.315	ppbv	89
3) Chlorodifluoromethane	2.93	51	109453	1.056	ppbv #	71
4) Chloromethane	3.11	50	22301	0.384	ppbv #	83
8) Dichlorotetrafluoroethane	3.15	85	2858	0.021	ppbv #	19
9) Propene	3.17	41	131888	3.045	ppbv	100
10) Heptane	8.13	43	5277	0.047	ppbv #	26
11) Trichlorofluoromethane	3.93	101	34512	0.260	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4878	0.052	ppbv #	25
13) Ethanol	3.59	45	2485478	181.652	ppbv	97
15) Acetone	3.83	43	1175545	10.745	ppbv #	86
16) 1,3-Butadiene	3.28	39	12028	0.237	ppbv #	47
17) tert-Butyl alcohol	3.96	59	398993	4.759	ppbv	96
19) Isopropyl Alcohol	3.96	45	8567078	131.462	ppbv #	98
20) Methylene Chloride	4.33	84	66018	1.622	ppbv	92
21) Allyl Chloride	4.11	41	744433	10.284	ppbv #	54
23) Vinyl Acetate	5.06	43	22444	0.151	ppbv #	67
25) Ethyl Acetate	5.68	43	66407	0.343	ppbv #	87
26) Hexane	5.68	57	70418	0.789	ppbv #	48
27) Carbon Disulfide	4.54	76	2030	0.020	ppbv #	63
29) Chloroform	5.76	83	4721	0.033	ppbv	84
34) 2-Butanone	5.24	43	39959	0.321	ppbv	97
35) Carbon Tetrachloride	7.02	117	4307	0.033	ppbv #	60
36) Benzene	6.90	78	34229	0.201	ppbv #	90
39) 1,2-Dichloropropane	7.19	63	566595	8.346	ppbv #	23
41) Tetrahydrofuran	6.06	42	1685	0.026	ppbv #	17
44) 2,2,4-Trimethylpentane	7.88	57	6531	0.022	ppbv #	1
53) Toluene	9.83	91	511297	2.817	ppbv	97
58) Ethyl Benzene	13.03	91	14418	0.061	ppbv	97
59) m/p-Xylene	13.03	91	14418	0.070	ppbv #	32
60) o-Xylene	13.73	91	39579	0.195	ppbv	99
61) Styrene	13.57	104	6284	0.048	ppbv #	72
72) 4-Ethyltoluene	15.88	105	7913	0.035	ppbv #	23
73) 1,3,5-Trimethylbenzene	16.04	105	4521	0.021	ppbv #	48
74) 1,2,4-Trimethylbenzene	16.81	105	46530	0.194	ppbv #	67
75) 1,3-Dichlorobenzene	17.05	146	3566	0.026	ppbv #	70
80) Naphthalene,2-methyl-	25.05	142	1839	0.028	ppbv #	89

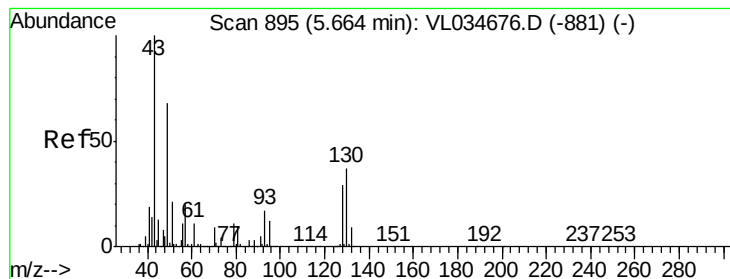
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 1 Sample Multiplier: 1

IAS-7-PRE-K-TEACHERS-ROOM

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

IAS-7-PRE-K-TEACHERS-ROOM

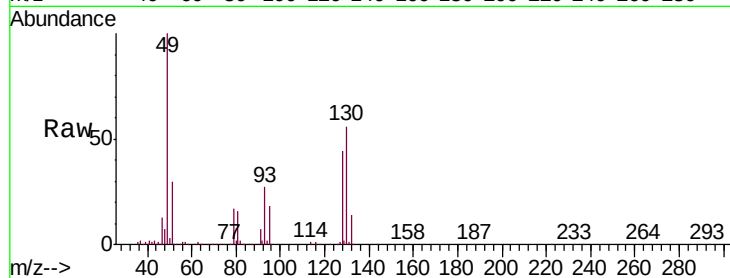
Tgt Ion: 49 Resp: 960123

Ion Ratio Lower Upper

49 100

128 43.7 21.6 65.0

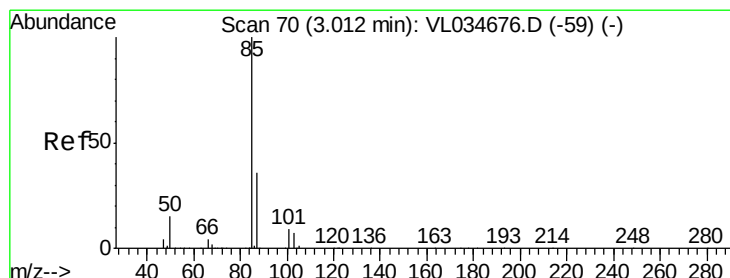
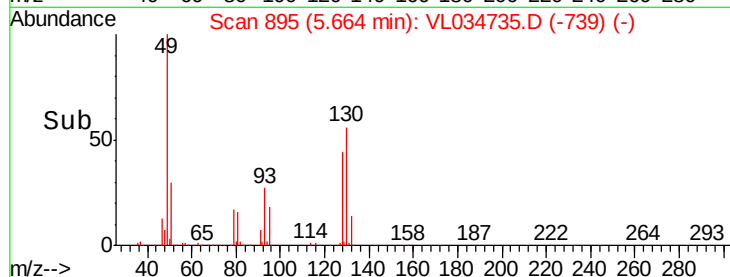
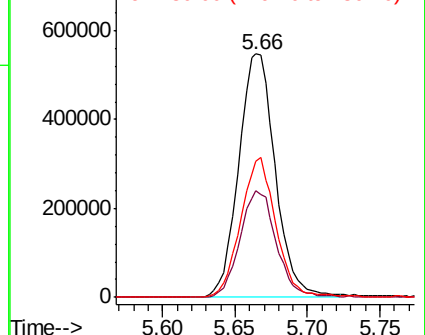
130 55.6 27.7 83.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.315 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL034735.D

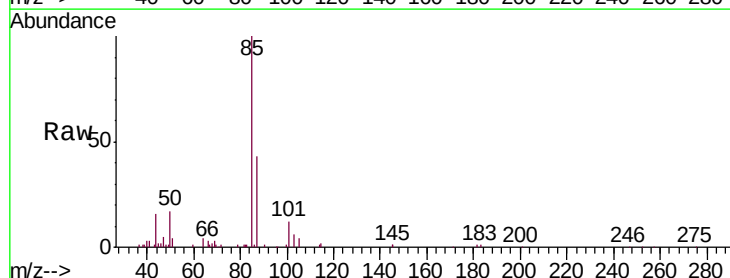
Acq: 28 Feb 2020 13:28

Tgt Ion: 85 Resp: 47692

Ion Ratio Lower Upper

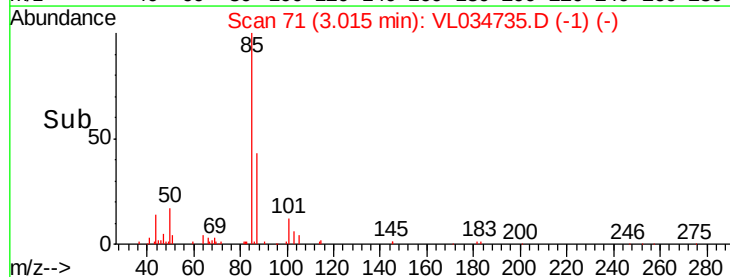
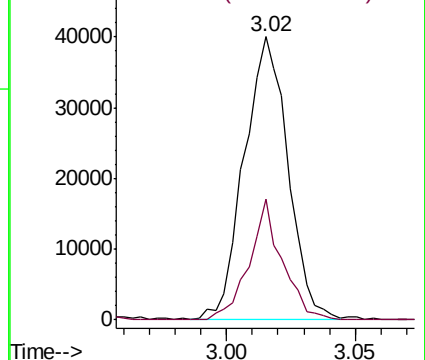
85 100

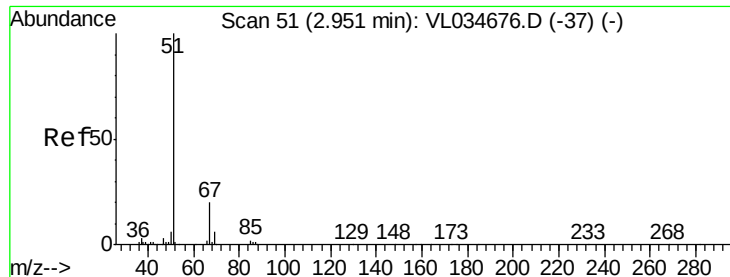
87 42.7 29.2 43.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.056 ppbv

RT: 2.93 min Scan# 44

Delta R.T. -0.02 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

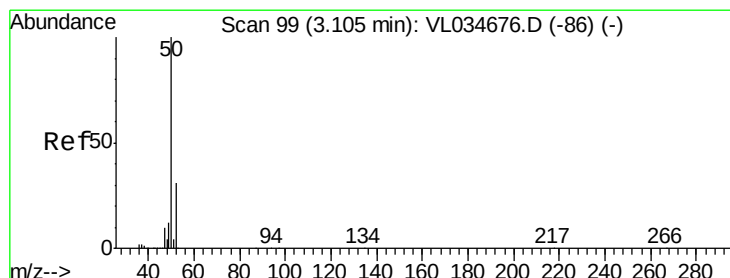
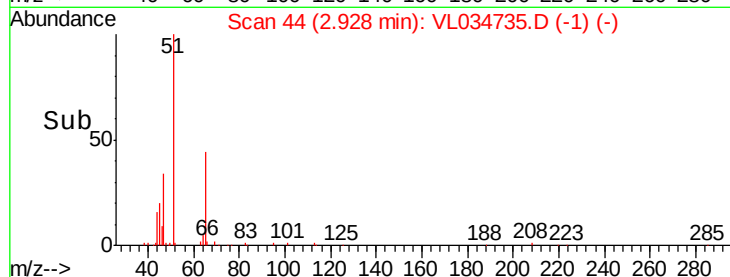
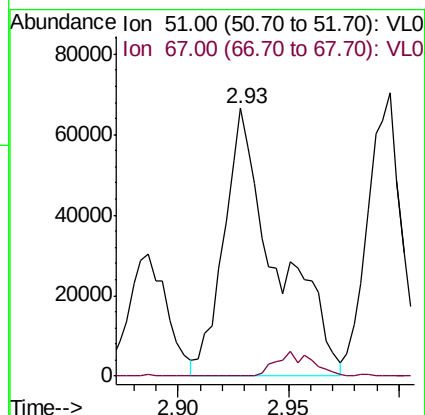
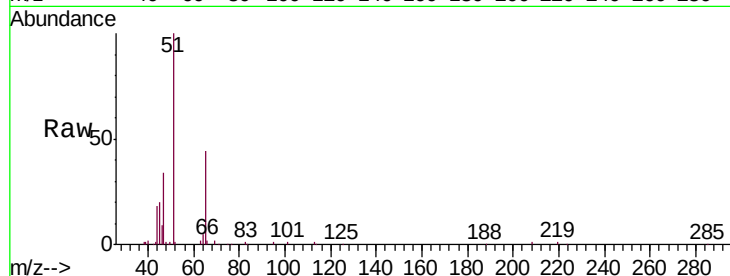
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Tgt Ion: 51 Resp: 109453

Ion Ratio Lower Upper

51 100

67 6.4 15.5 23.3#



#4

Chloromethane

Concen: 0.384 ppbv

RT: 3.11 min Scan# 99

Delta R.T. 0.00 min

Lab File: VL034735.D

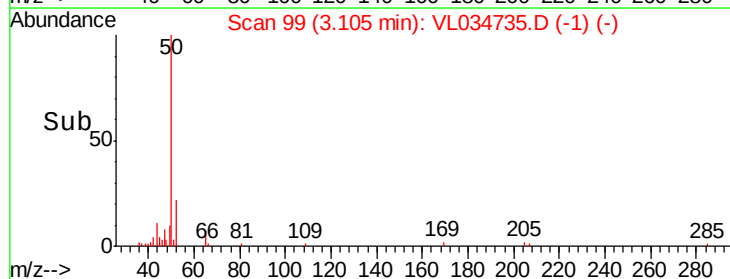
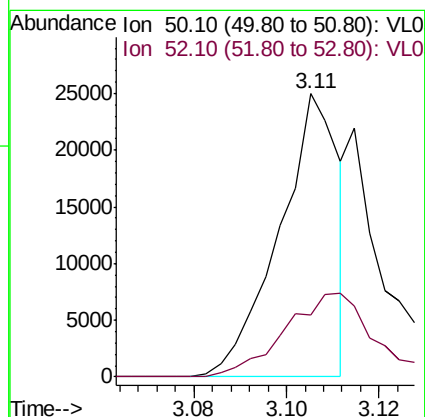
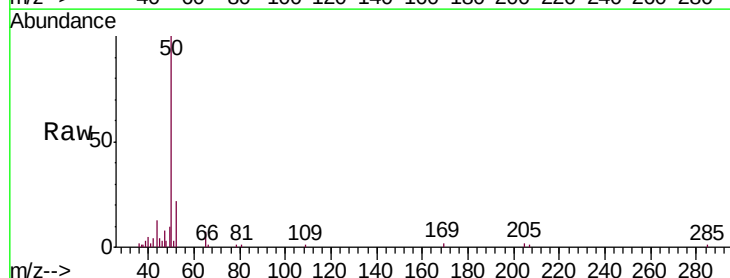
Acq: 28 Feb 2020 13:28

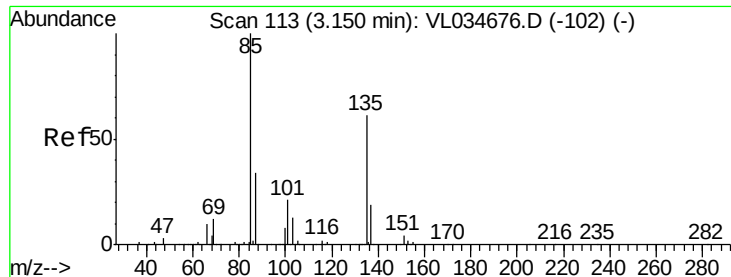
Tgt Ion: 50 Resp: 22301

Ion Ratio Lower Upper

50 100

52 21.9 25.0 37.4#





#8

Dichlorotetrafluoroethane

Concen: 0.021 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

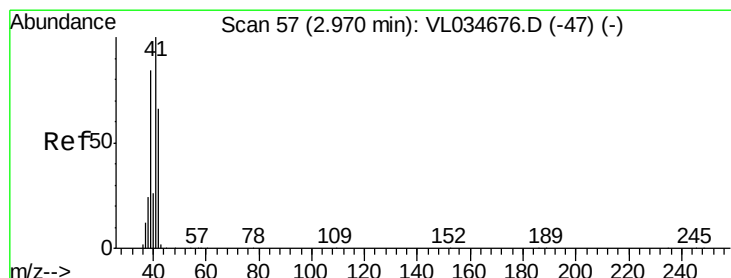
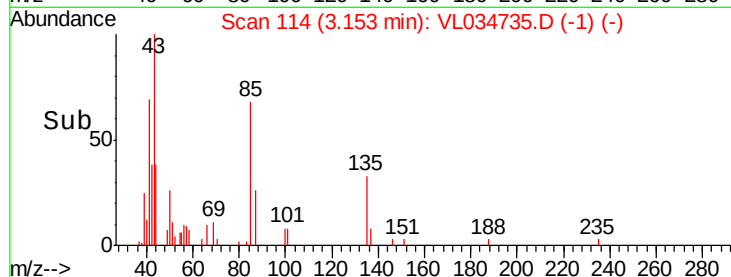
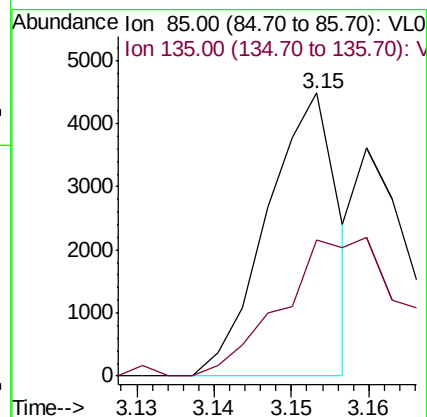
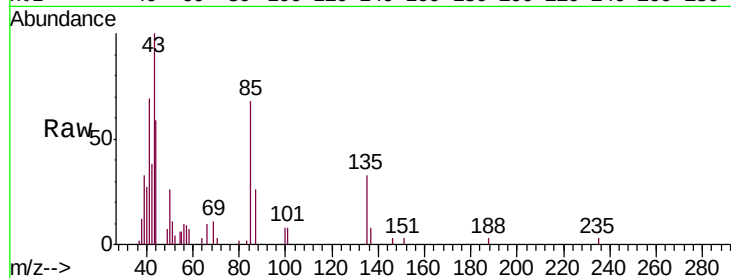
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion: 85 Resp: 2858

Ion Ratio Lower Upper

85 100

135 0.0 49.8 74.6#



#9

Propene

Concen: 3.045 ppbv

RT: 3.17 min Scan# 119

Delta R.T. 0.20 min

Lab File: VL034735.D

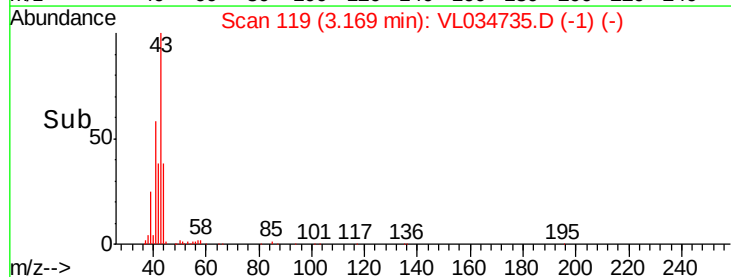
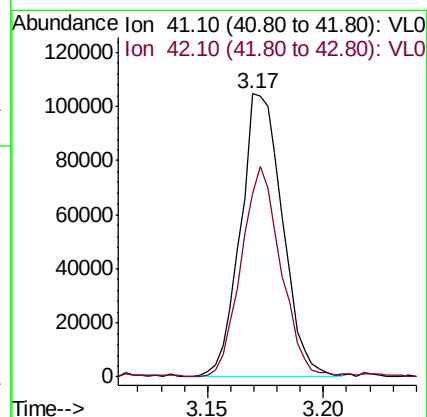
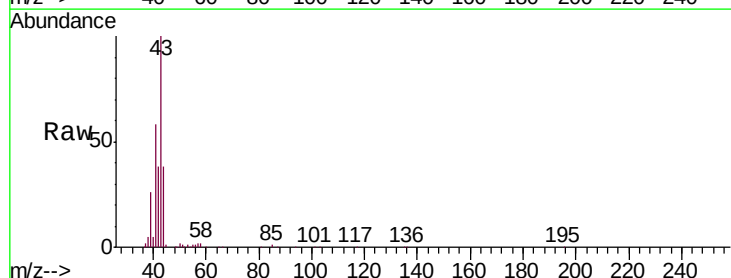
Acq: 28 Feb 2020 13:28

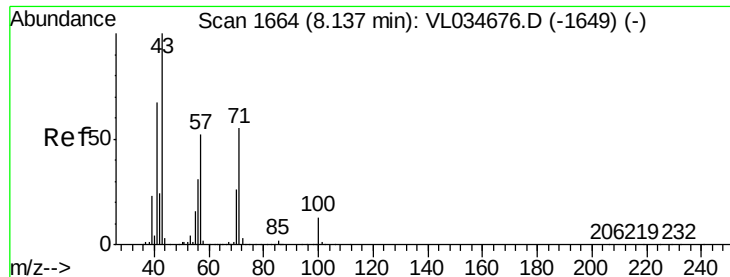
Tgt Ion: 41 Resp: 131888

Ion Ratio Lower Upper

41 100

42 68.4 54.9 82.3

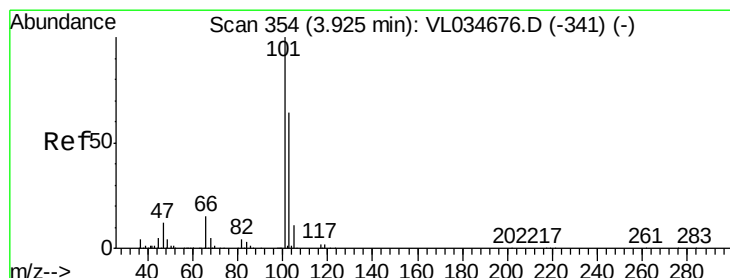
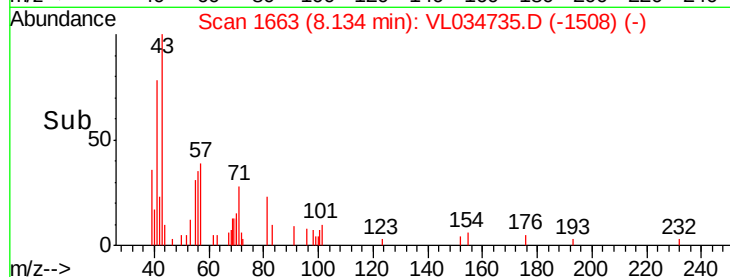
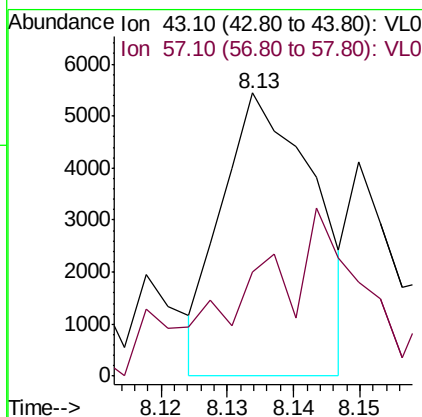
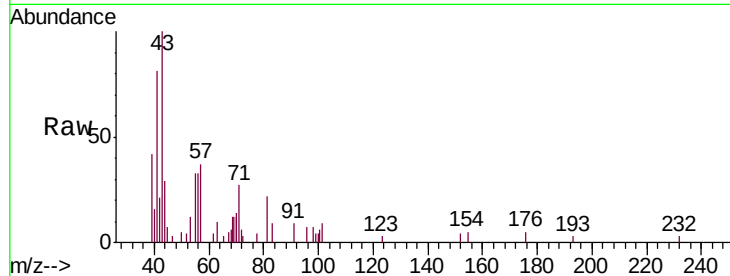




#10
 Heptane
 Concen: 0.047 ppbv
 RT: 8.13 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

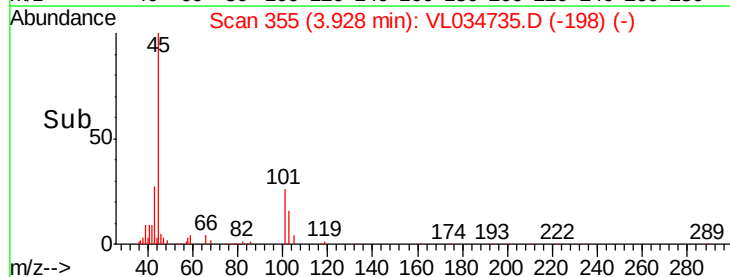
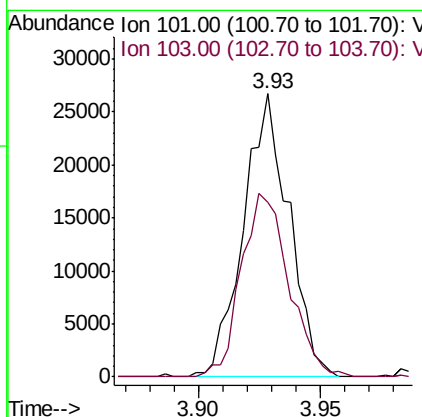
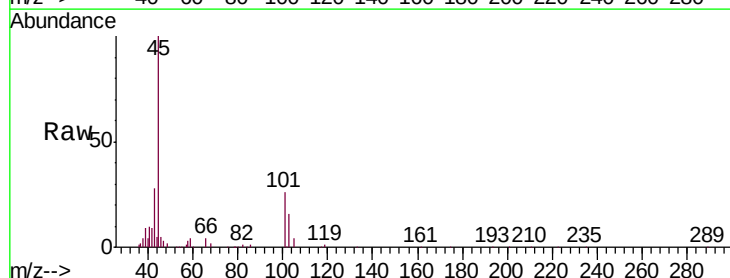
Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

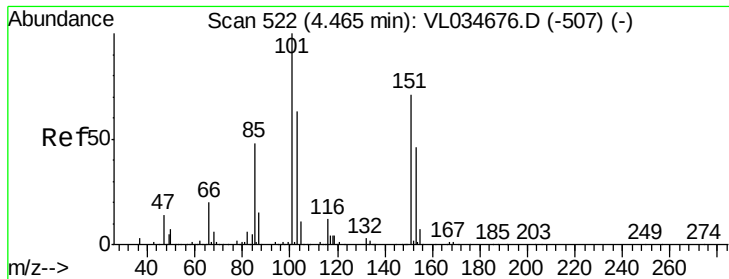
Tgt Ion: 43 Resp: 5277
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.0 61.6#



#11
 Trichlorofluoromethane
 Concen: 0.260 ppbv
 RT: 3.93 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion: 101 Resp: 34512
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.2 76.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.052 ppbv

RT: 4.47 min Scan# 524

Delta R.T. 0.01 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

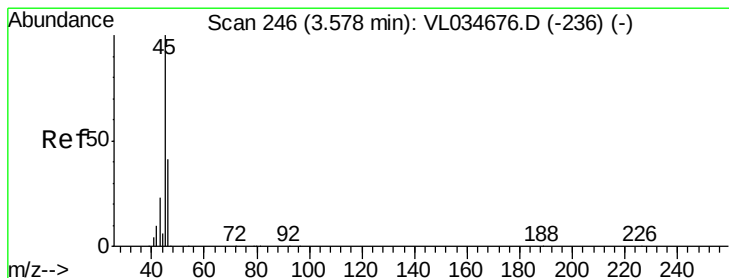
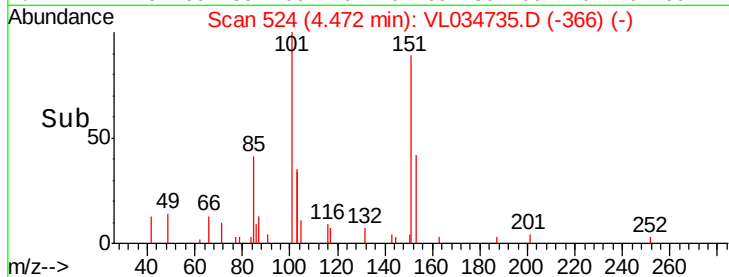
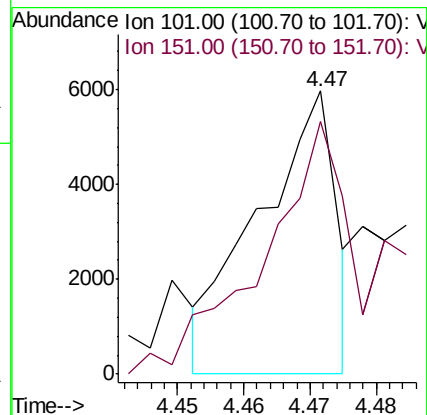
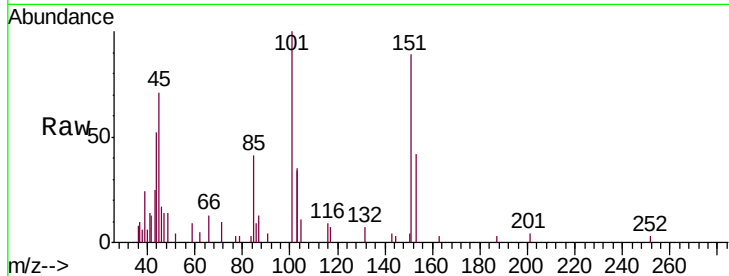
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion:101 Resp: 4878

Ion Ratio Lower Upper

101 100

151 131.0 55.8 83.6#



#13

Ethanol

Concen: 181.652 ppbv

RT: 3.59 min Scan# 250

Delta R.T. 0.01 min

Lab File: VL034735.D

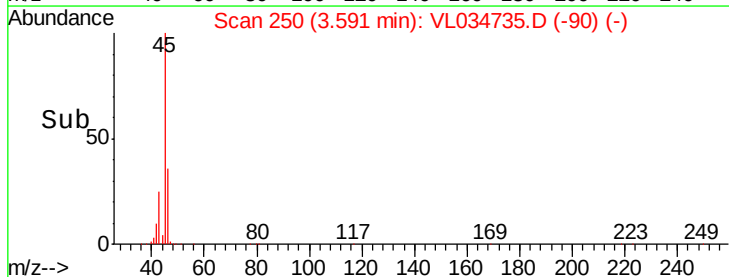
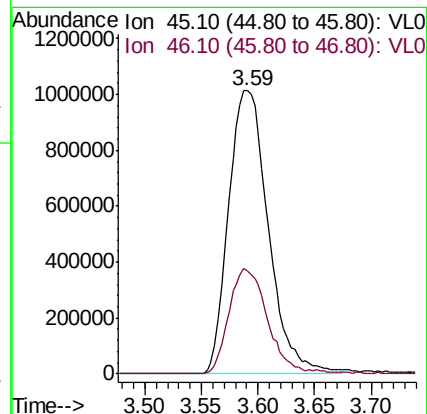
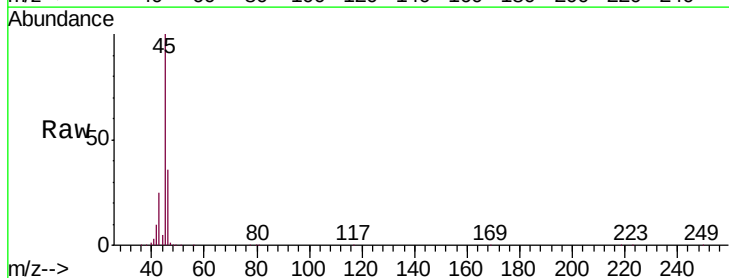
Acq: 28 Feb 2020 13:28

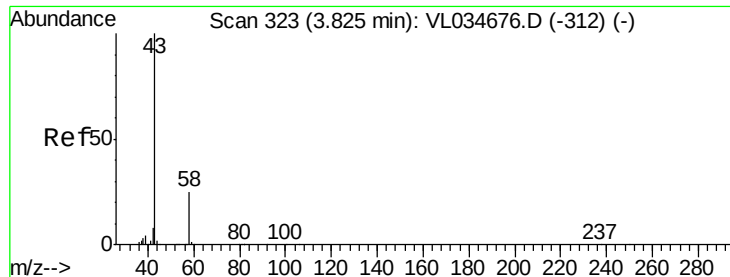
Tgt Ion: 45 Resp: 2485478

Ion Ratio Lower Upper

45 100

46 36.8 15.4 61.4





#15

Acetone

Concen: 10.745 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

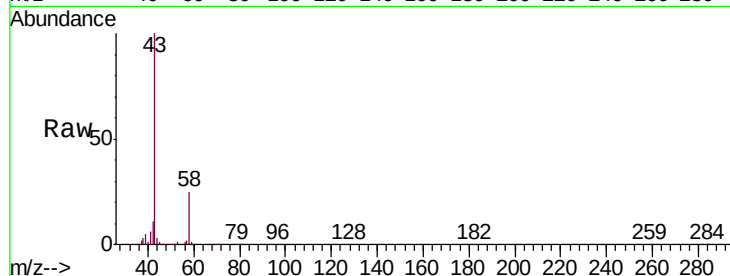
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion: 43 Resp: 1175545

Ion Ratio Lower Upper

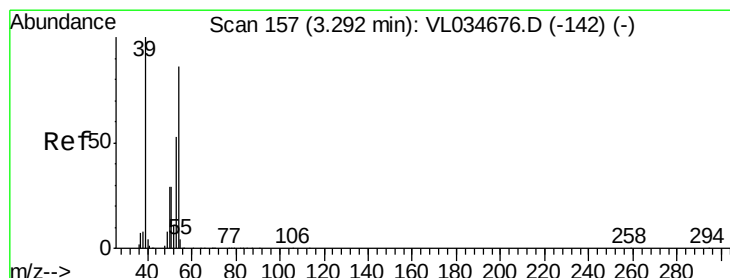
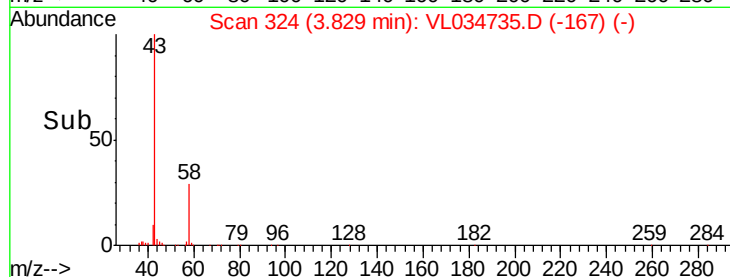
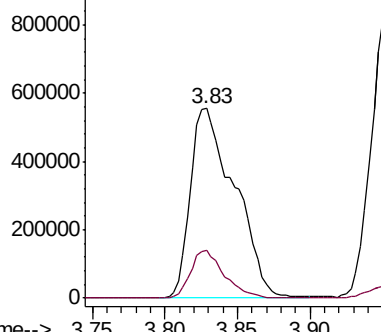
43 100

58 19.3 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: 0.237 ppbv

RT: 3.28 min Scan# 153

Delta R.T. -0.01 min

Lab File: VL034735.D

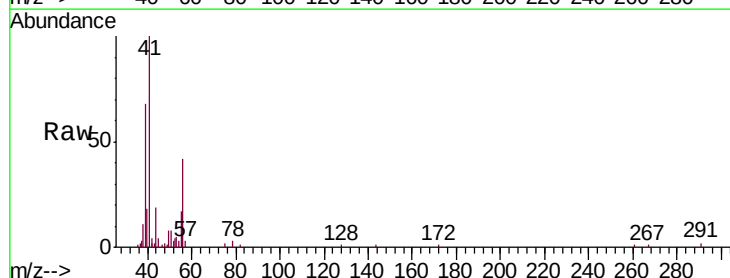
Acq: 28 Feb 2020 13:28

Tgt Ion: 39 Resp: 12028

Ion Ratio Lower Upper

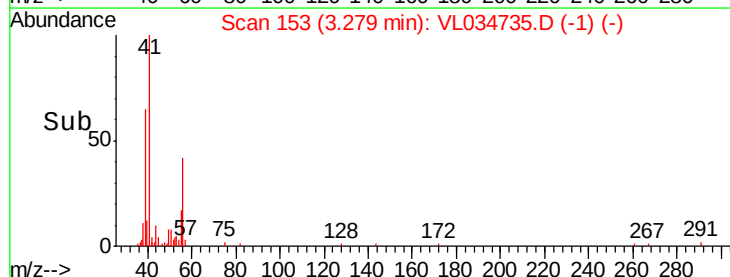
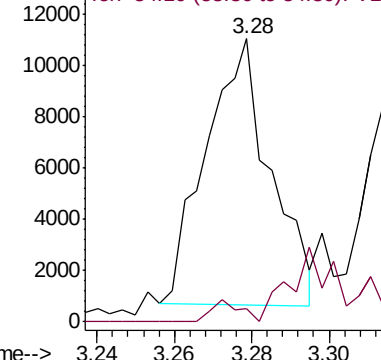
39 100

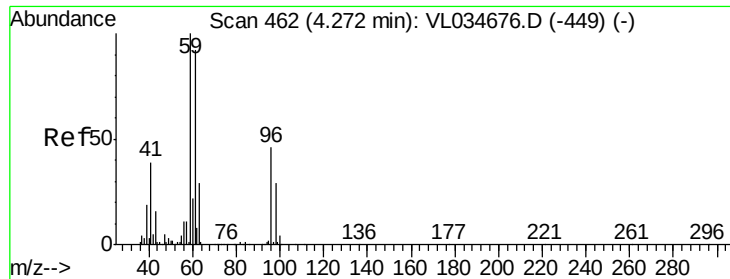
54 35.7 67.0 100.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



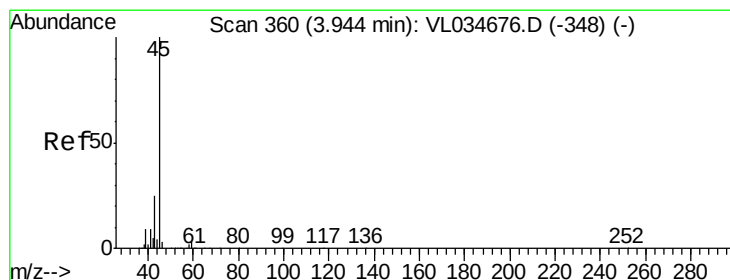
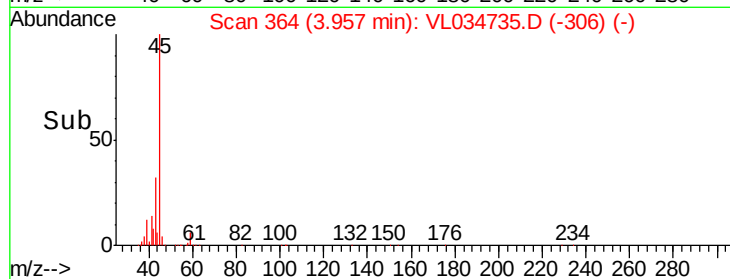
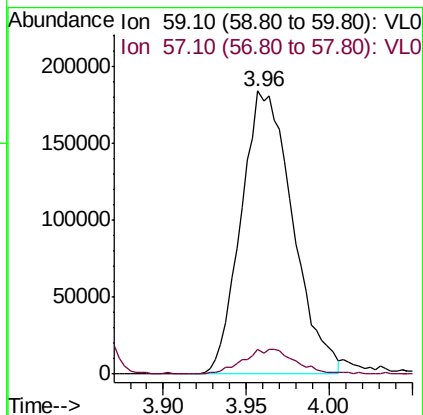
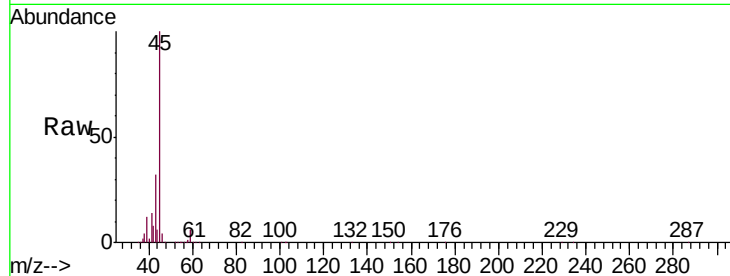


#17

tert-Butyl alcohol
 Concen: 4.759 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. -0.32 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

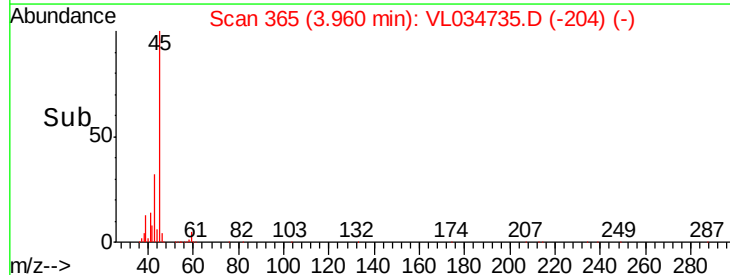
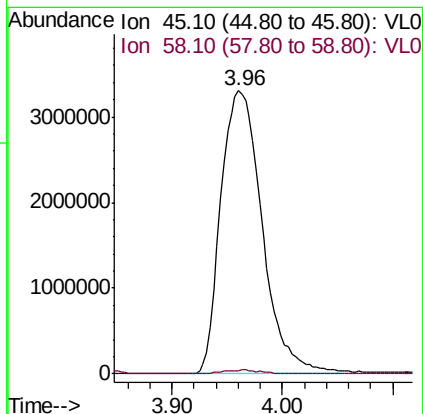
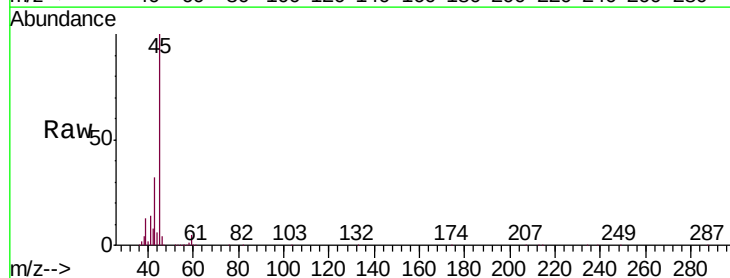
Tgt Ion: 59 Resp: 398993
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.8 13.2

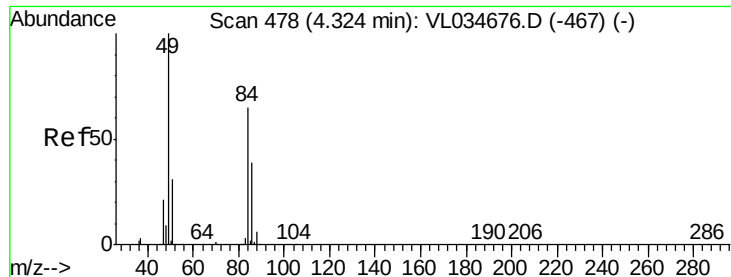


#19

Isopropyl Alcohol
 Concen: 131.462 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.02 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion: 45 Resp: 8567078
 Ion Ratio Lower Upper
 45 100
 58 1.4 1.8 2.6#

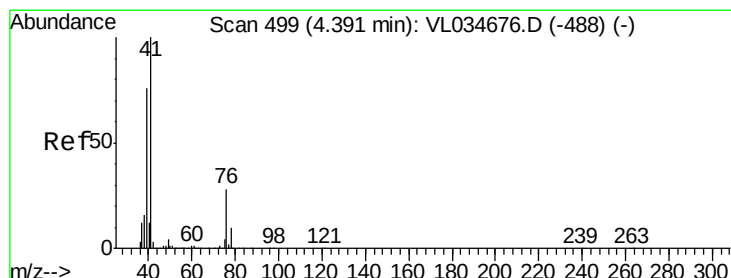
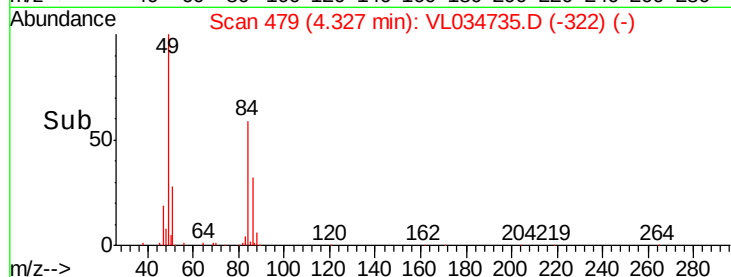
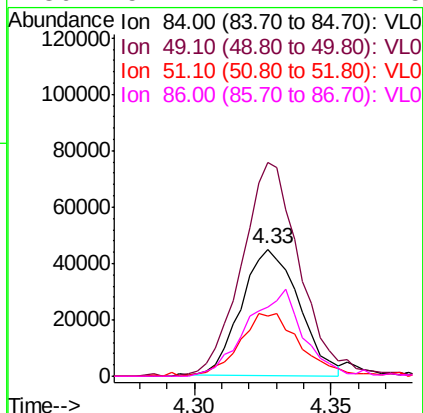
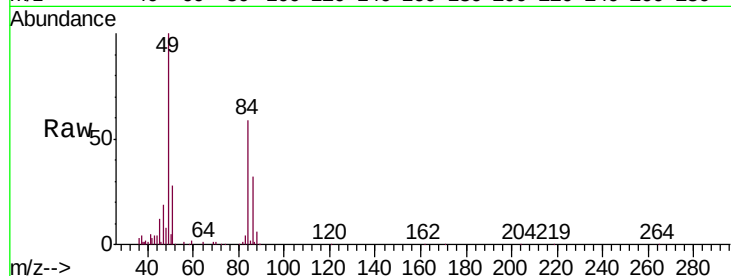




#20
Methylene Chloride
Concen: 1.622 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

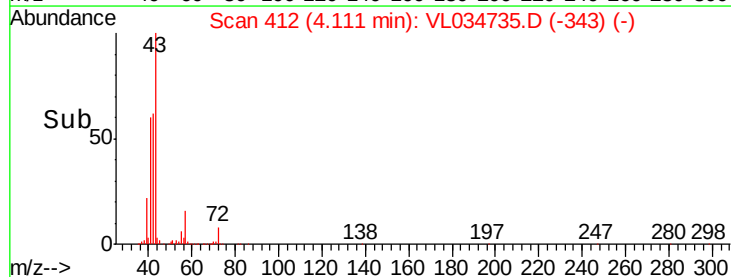
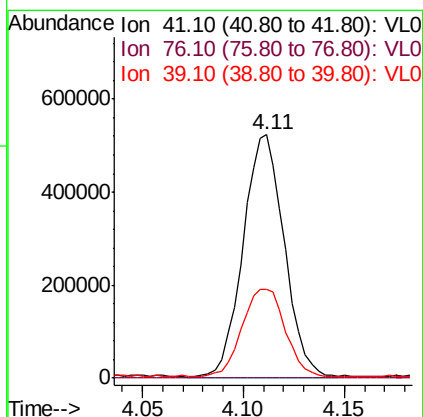
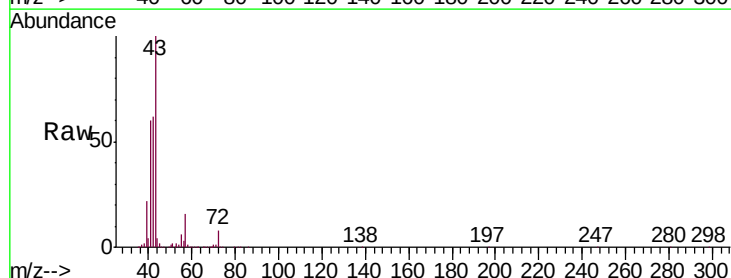
Instrument :
MSVOA_L
ClientSampleId :
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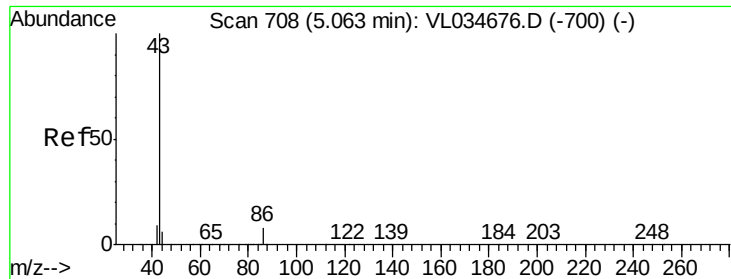
Tgt Ion:	84	Resp:	66018
Ion	Ratio	Lower	Upper
84	100		
49	167.1	122.8	184.2
51	46.8	38.6	58.0
86	54.1	47.7	71.5



#21
Allyl Chloride
Concen: 10.284 ppbv
RT: 4.11 min Scan# 412
Delta R.T. -0.28 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

Tgt Ion:	41	Resp:	744433
Ion	Ratio	Lower	Upper
41	100		
76	0.2	22.8	34.2#
39	39.5	61.7	92.5#

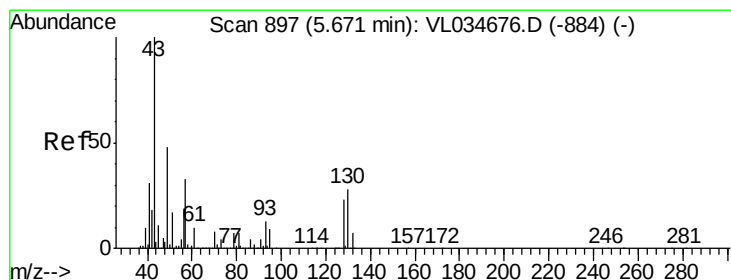
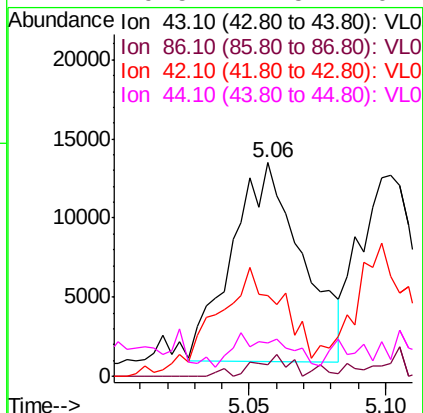
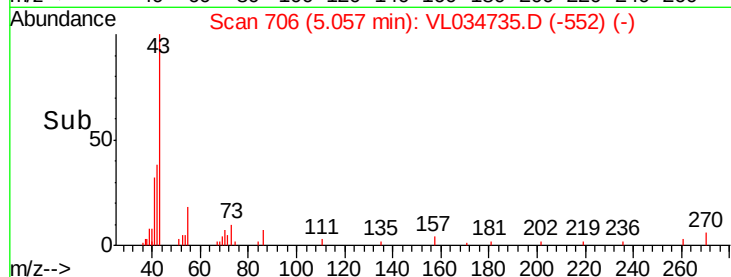
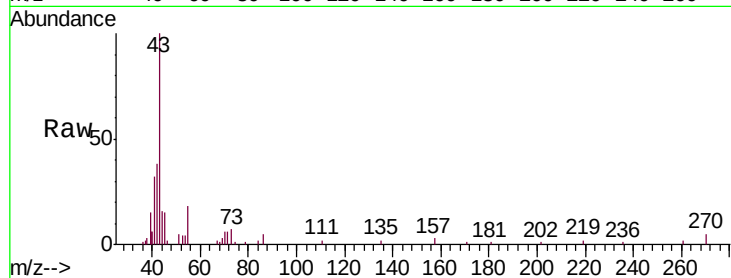




#23
 Vinyl Acetate
 Concen: 0.151 ppbv
 RT: 5.06 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

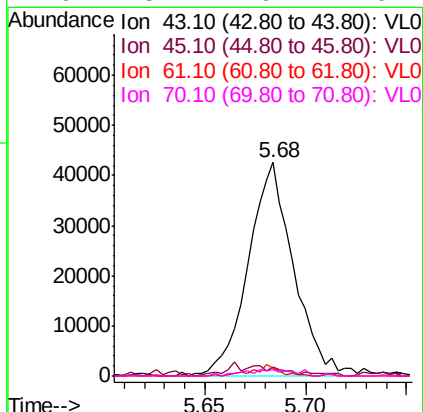
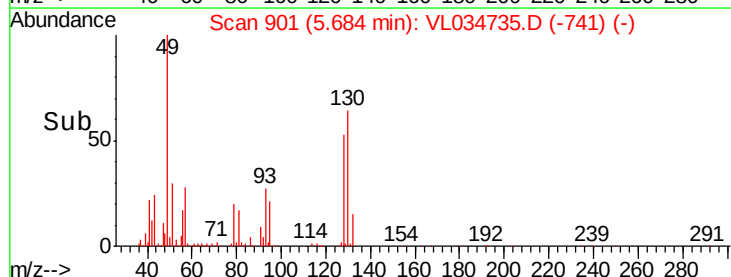
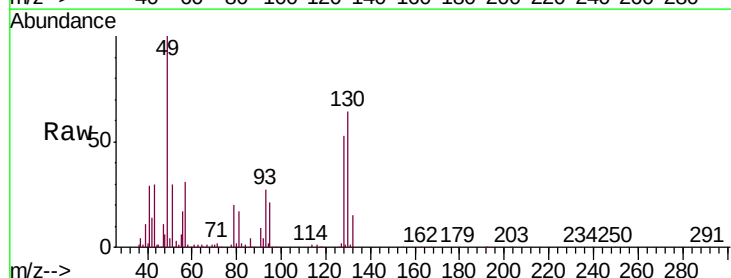
Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

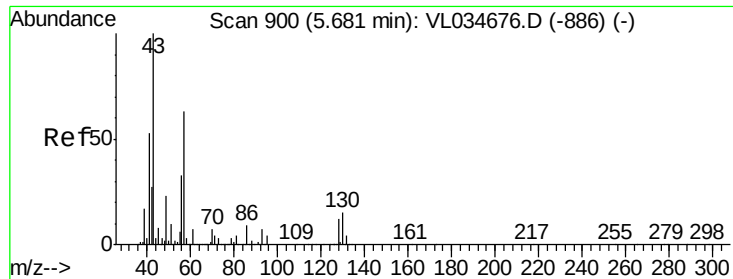
Tgt Ion:	43	Resp:	22444
Ion	Ratio	Lower	Upper
43	100		
86	5.8	6.0	9.0#
42	34.2	8.0	12.0#
44	9.5	4.5	6.7#



#25
 Ethyl Acetate
 Concen: 0.343 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion:	43	Resp:	66407
Ion	Ratio	Lower	Upper
43	100		
45	6.7	8.2	12.4#
61	3.3	7.8	11.6#
70	3.4	6.1	9.1#

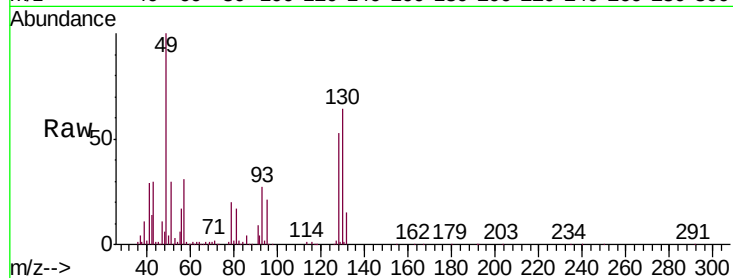




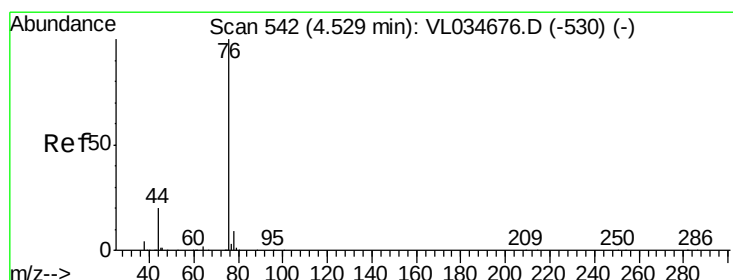
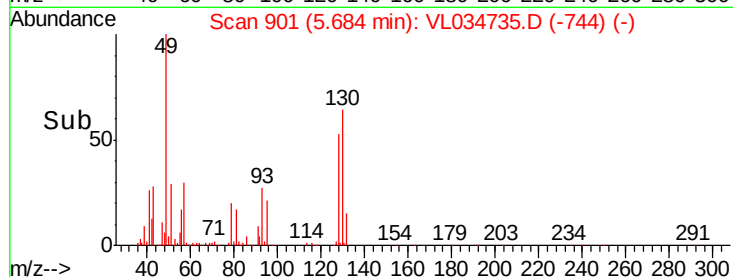
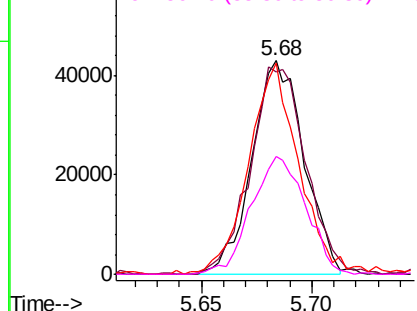
#26
Hexane
Concen: 0.789 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

Instrument :
MSVOA_L
ClientSampleId :
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion:	57	Resp:	70418
Ion	Ratio	Lower	Upper
57	100		
41	104.4	70.3	105.5
43	96.9	177.0	265.4#
56	57.6	42.6	64.0

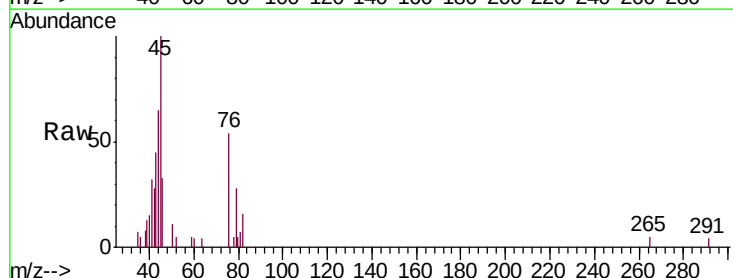


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

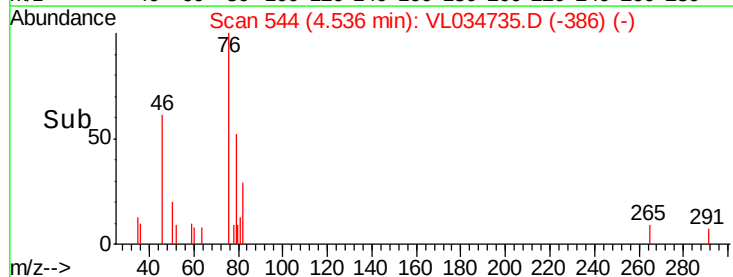
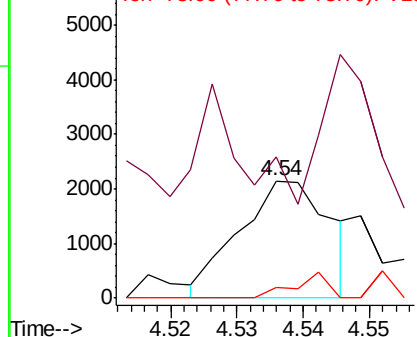


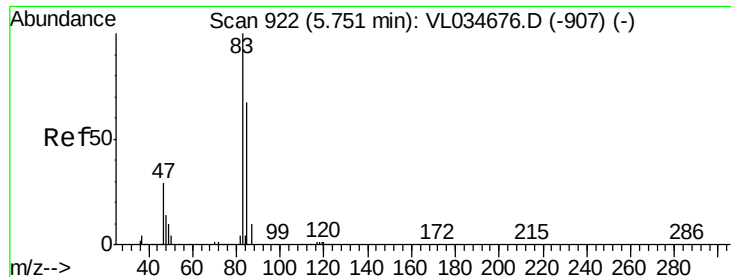
#27
Carbon Disulfide
Concen: 0.020 ppbv
RT: 4.54 min Scan# 544
Delta R.T. 0.01 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

Tgt Ion:	76	Resp:	2030
Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.3	22.9#
78	0.0	7.6	11.4#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.033 ppbv

RT: 5.76 min Scan# 925

Delta R.T. 0.01 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

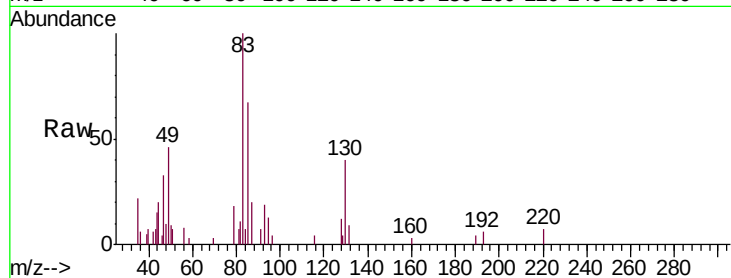
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion: 83 Resp: 4721

Ion Ratio Lower Upper

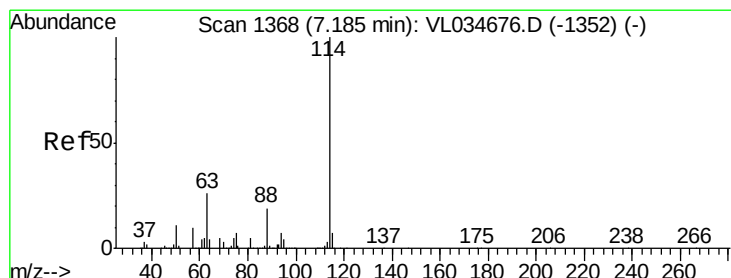
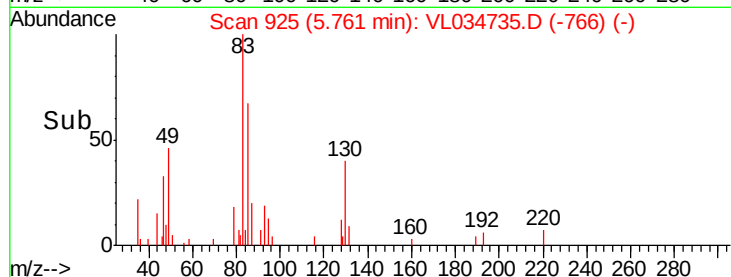
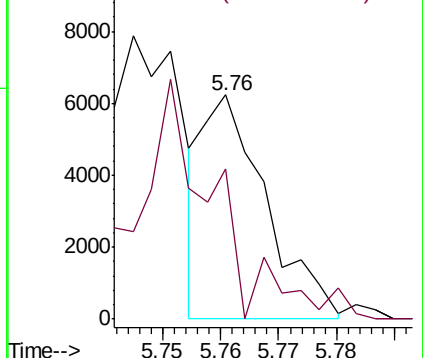
83 100

85 54.2 53.9 80.9



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: 7.19 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

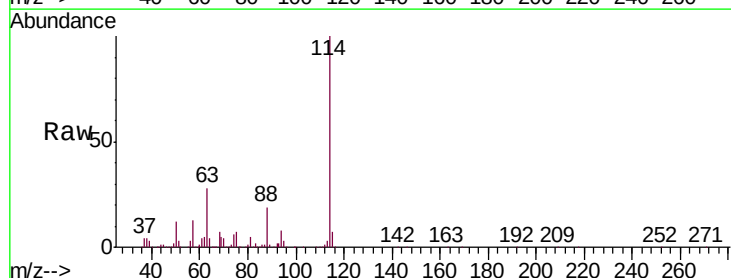
Tgt Ion: 114 Resp: 1975672

Ion Ratio Lower Upper

114 100

63 28.9 22.9 34.3

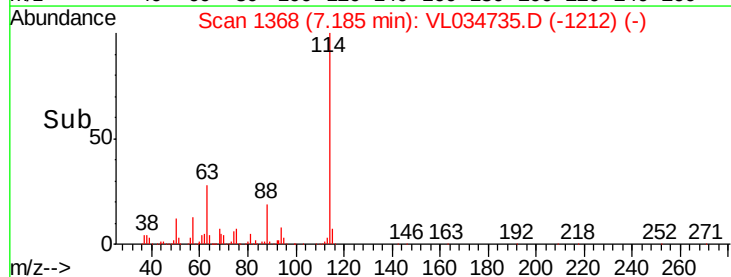
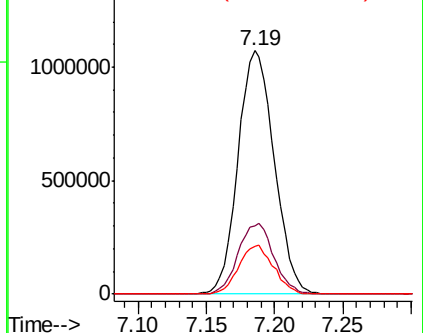
88 19.3 15.8 23.6

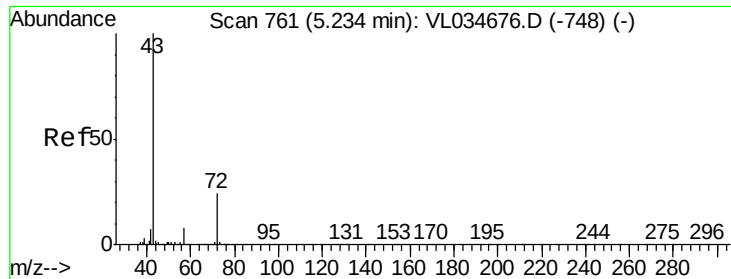


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

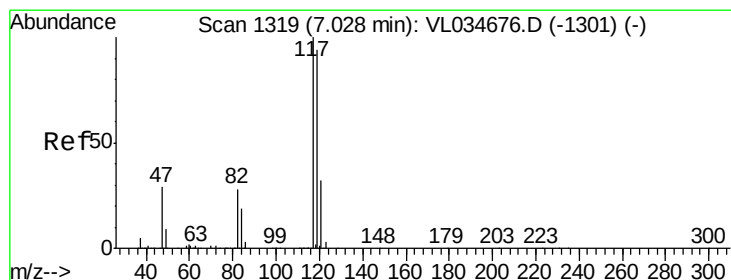
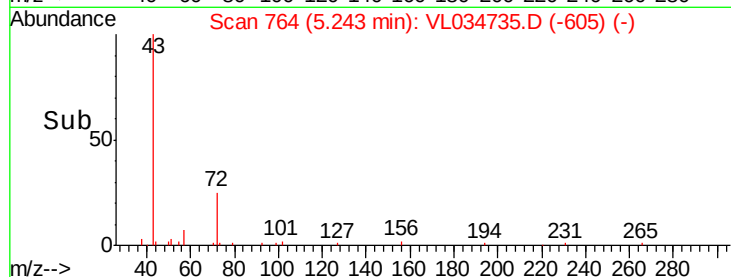
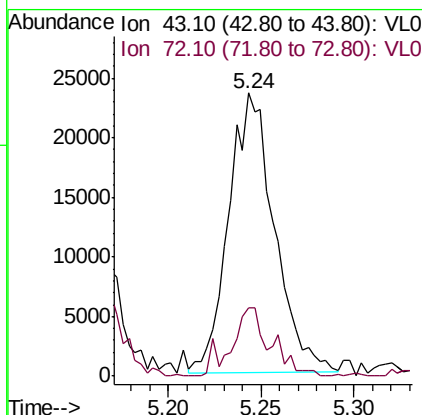
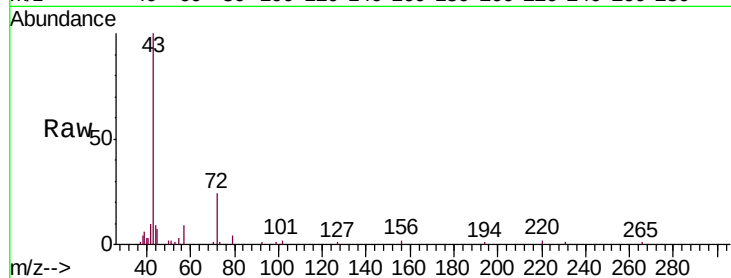




#34
 2-Butanone
 Concen: 0.321 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

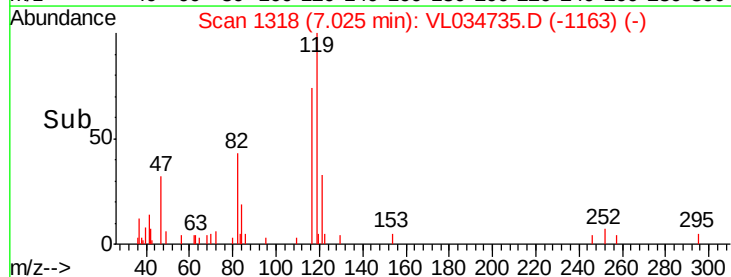
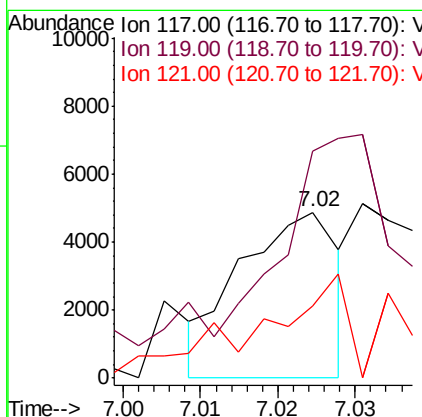
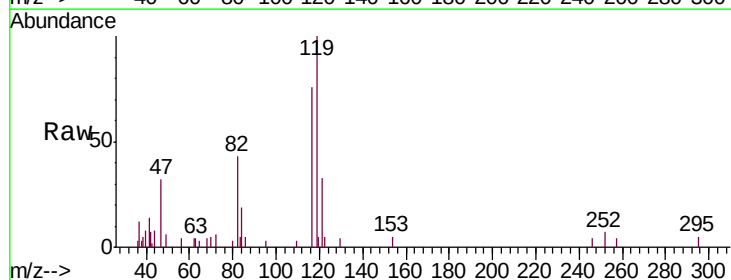
Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

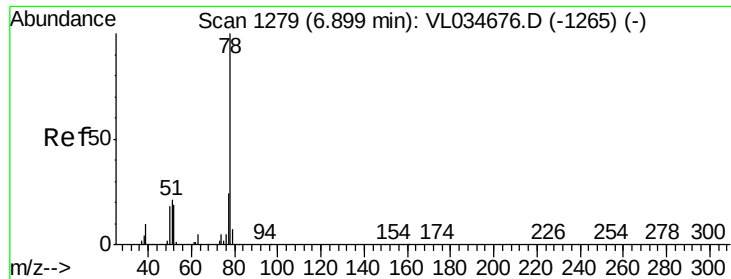
Tgt Ion: 43 Resp: 39959
 Ion Ratio Lower Upper
 43 100
 72 21.3 18.2 27.2



#35
 Carbon Tetrachloride
 Concen: 0.033 ppbv
 RT: 7.02 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion: 117 Resp: 4307
 Ion Ratio Lower Upper
 117 100
 119 139.1 75.5 113.3#
 121 43.0 25.4 38.0#





#36

Benzene

Concen: 0.201 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

IAS-7-PRE-K-TEACHERS-ROOM

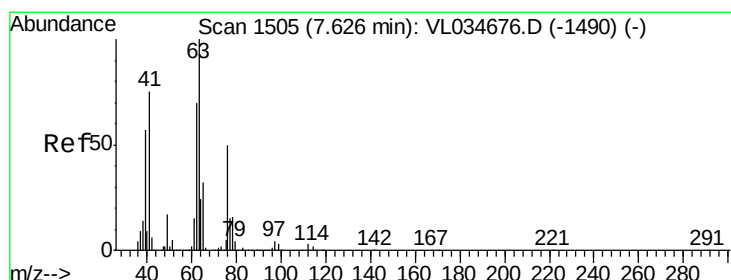
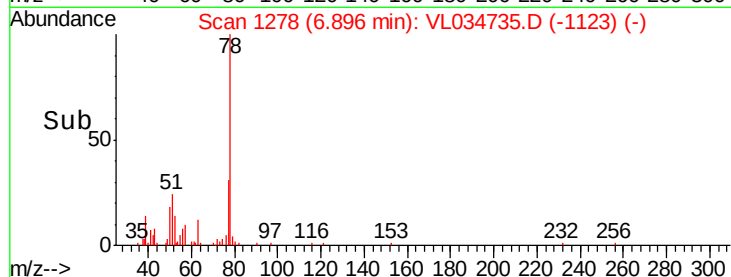
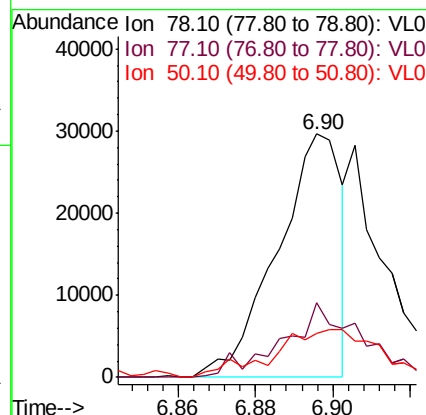
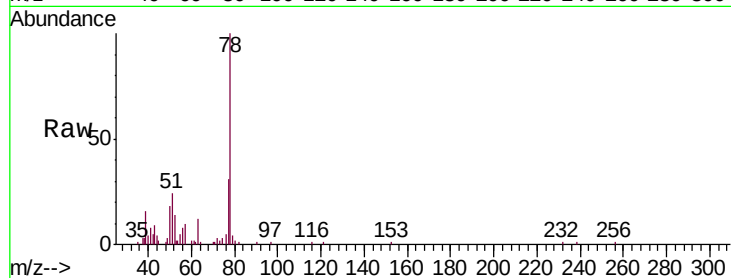
Tgt Ion: 78 Resp: 34229

Ion Ratio Lower Upper

78 100

77 30.9 19.5 29.3#

50 15.6 14.6 21.8



#39

1,2-Dichloropropane

Concen: 8.346 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.44 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

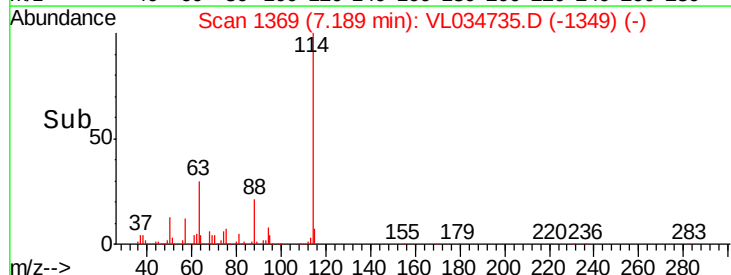
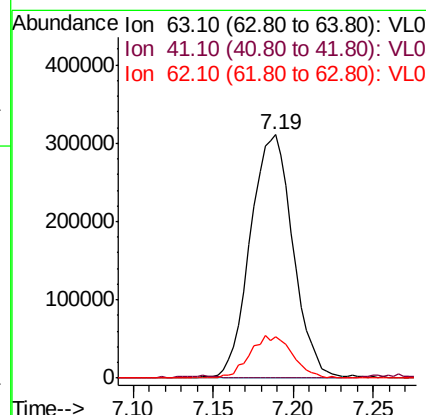
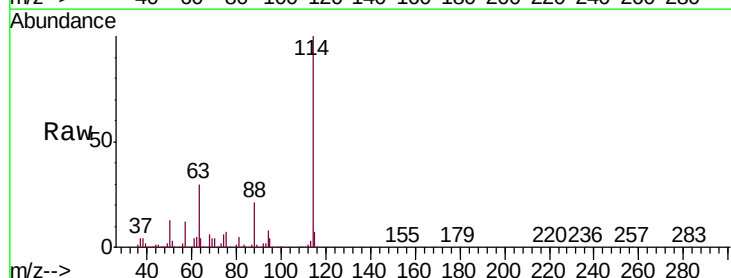
Tgt Ion: 63 Resp: 566595

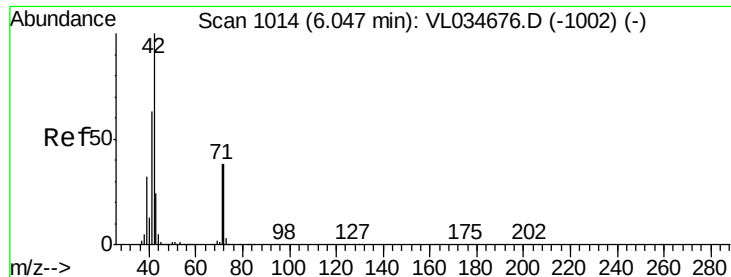
Ion Ratio Lower Upper

63 100

41 0.0 60.2 90.4#

62 16.7 56.3 84.5#

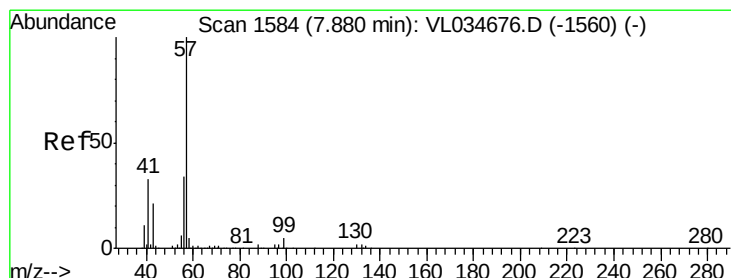
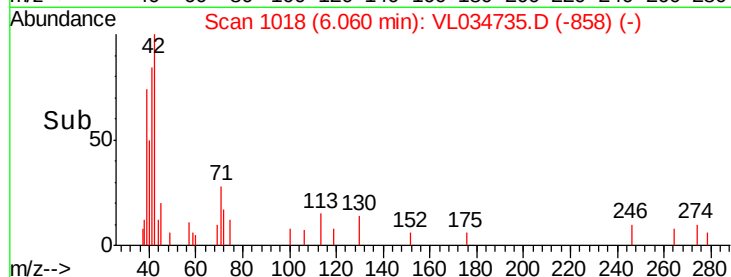
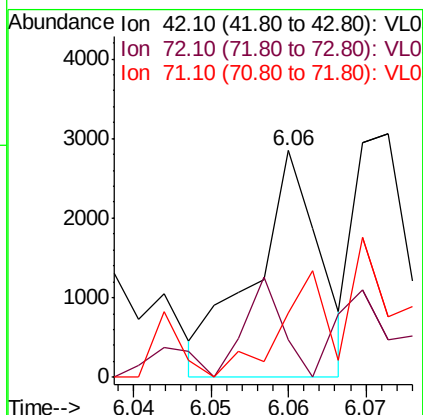
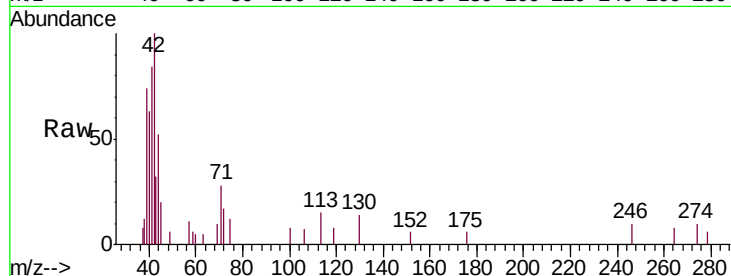




#41
Tetrahydrofuran
Concen: 0.026 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

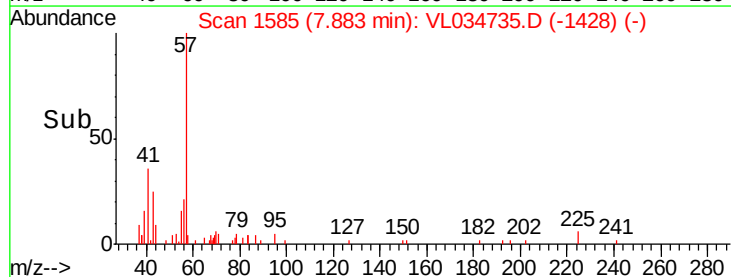
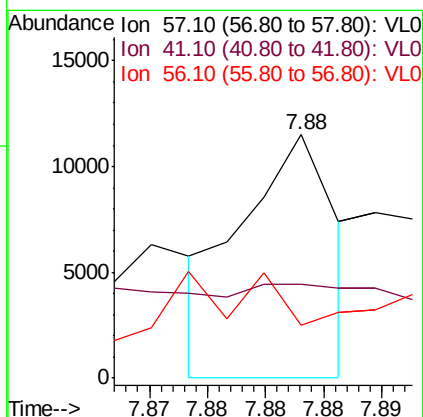
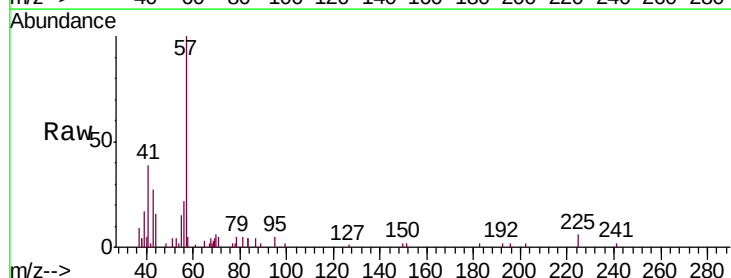
Instrument :
MSVOA_L
ClientSampleId :
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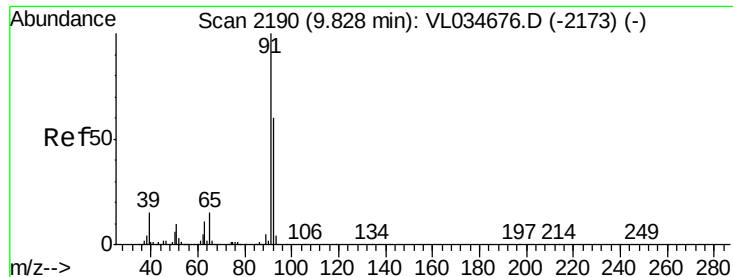
Tgt Ion: 42 Resp: 1685
Ion Ratio Lower Upper
42 100
72 102.7 31.7 47.5#
71 0.0 30.7 46.1#



#44
2,2,4-Trimethylpentane
Concen: 0.022 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

Tgt Ion: 57 Resp: 6531
Ion Ratio Lower Upper
57 100
41 194.4 26.0 39.0#
56 0.0 25.6 38.4#





#53

Toluene

Concen: 2.817 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

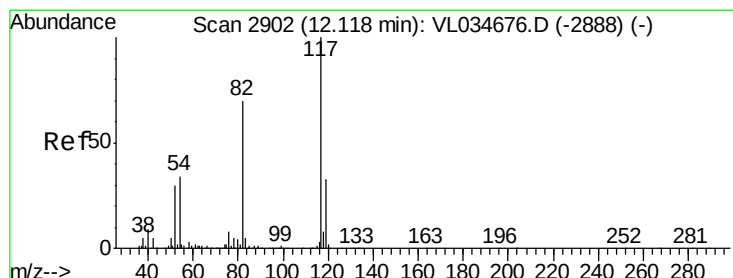
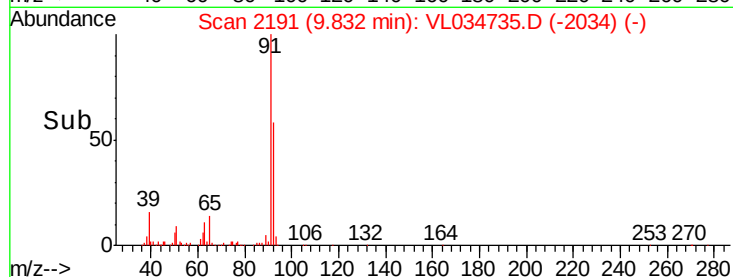
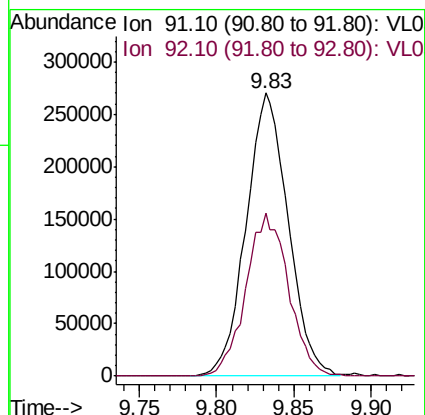
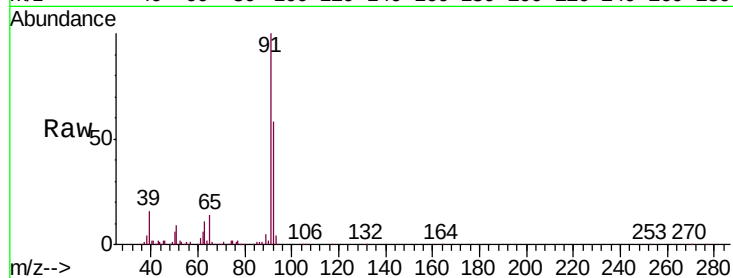
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Tgt Ion: 91 Resp: 511297

Ion Ratio Lower Upper

91 100

92 58.2 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: VL034735.D

Acq: 28 Feb 2020 13:28

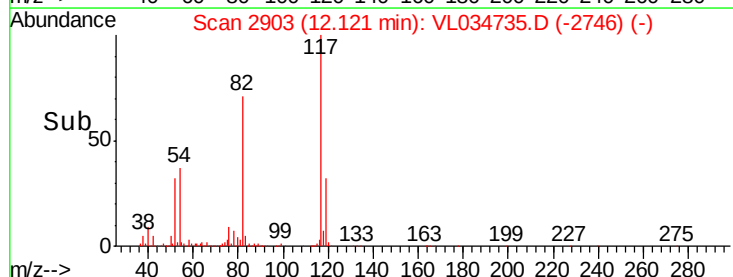
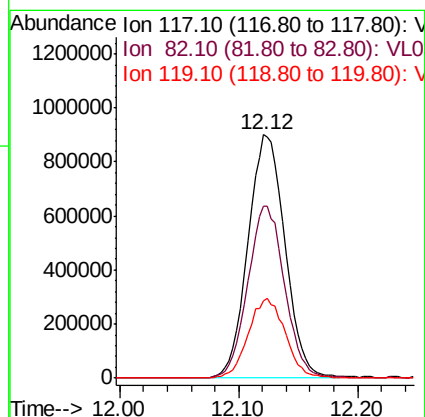
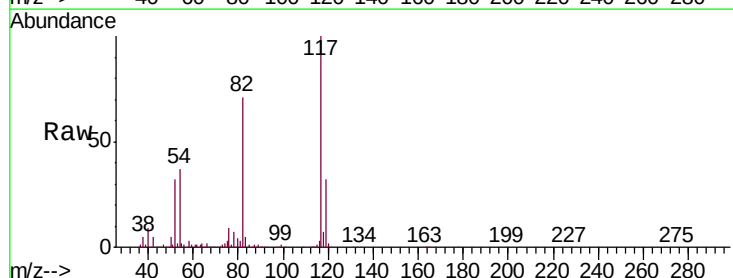
Tgt Ion: 117 Resp: 1938072

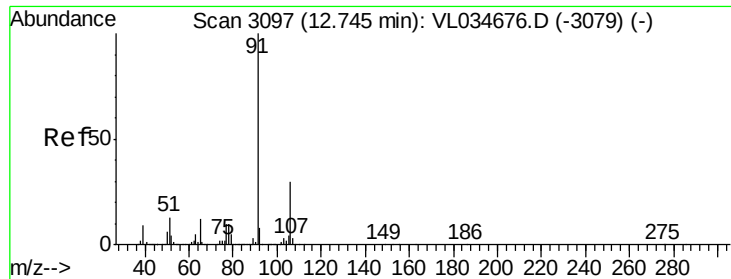
Ion Ratio Lower Upper

117 100

82 70.7 54.1 81.1

119 32.8 27.6 41.4





#58

Ethyl Benzene

Concen: 0.061 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.29 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

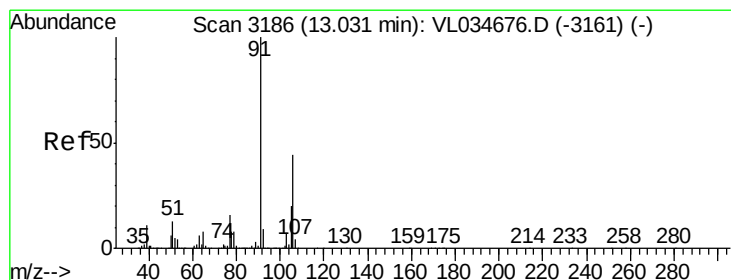
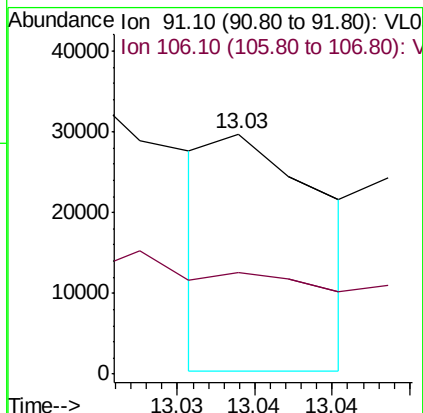
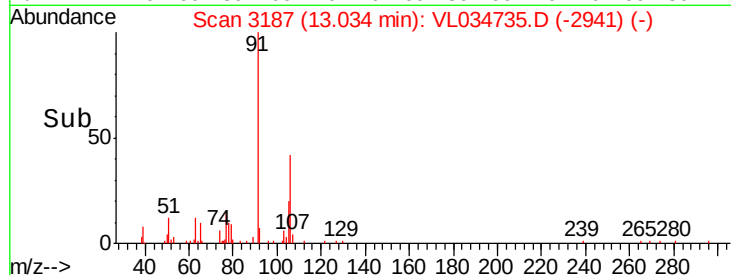
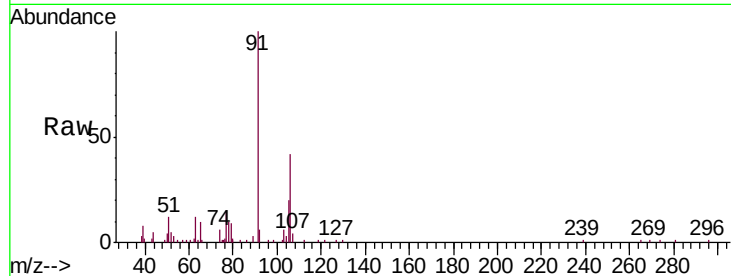
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion: 91 Resp: 14418

Ion Ratio Lower Upper

91 100

106 28.3 24.0 36.0



#59

m/p-Xylene

Concen: 0.070 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VL034735.D

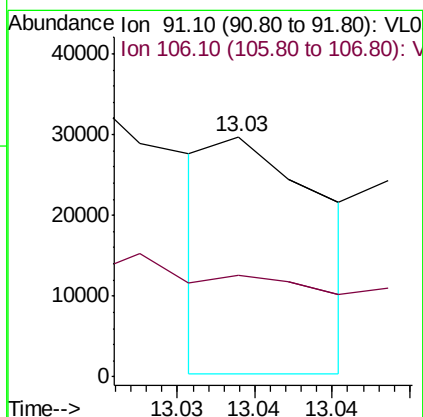
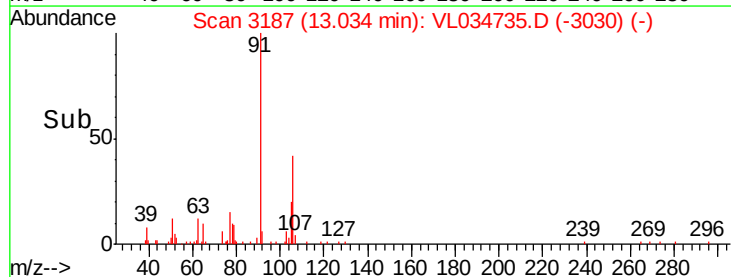
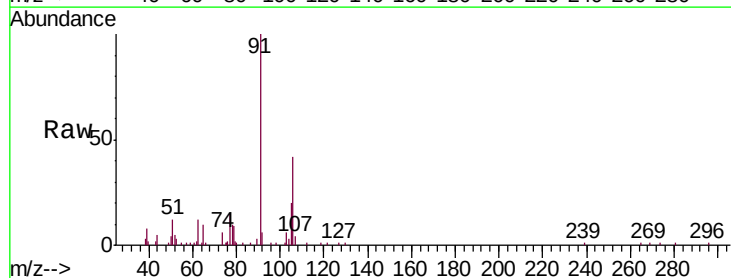
Acq: 28 Feb 2020 13:28

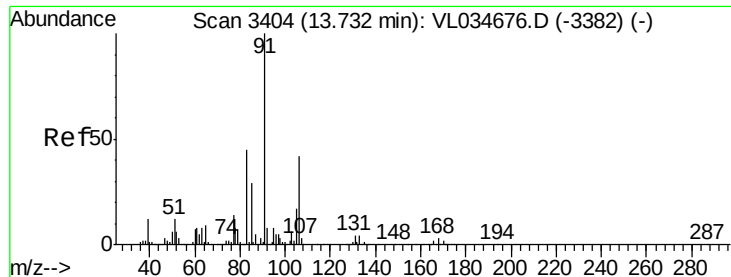
Tgt Ion: 91 Resp: 14418

Ion Ratio Lower Upper

91 100

106 0.0 35.6 53.4#

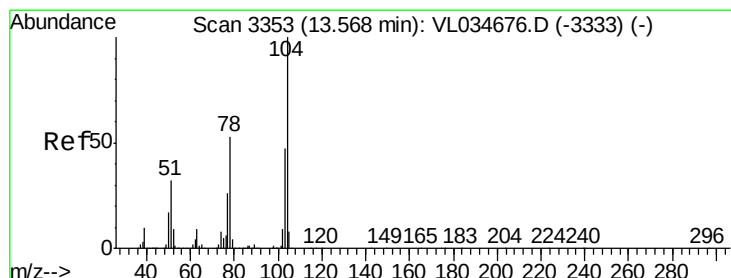
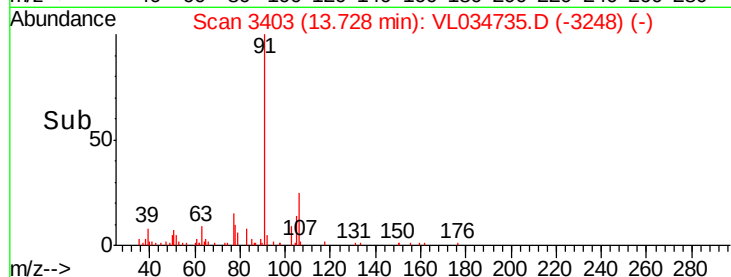
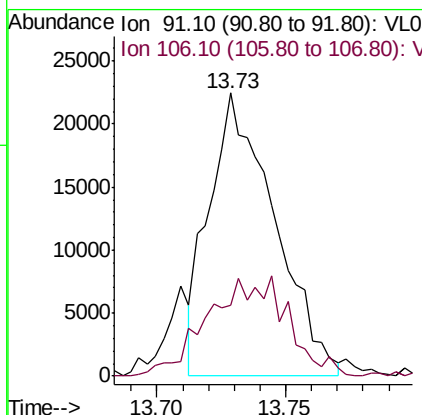
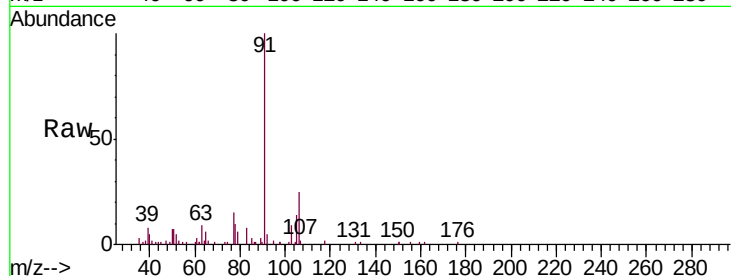




#60
o-Xylene
Concen: 0.195 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.00 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

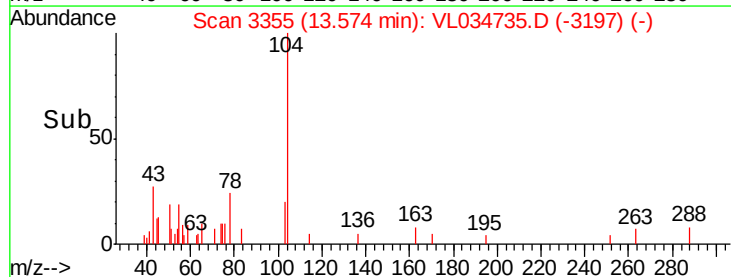
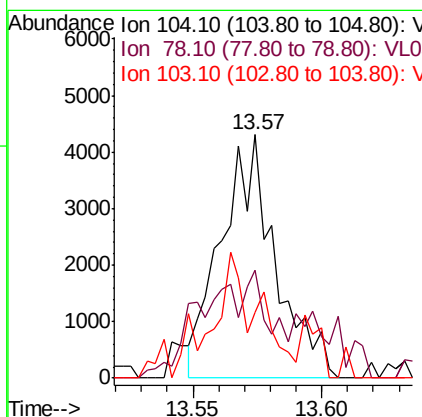
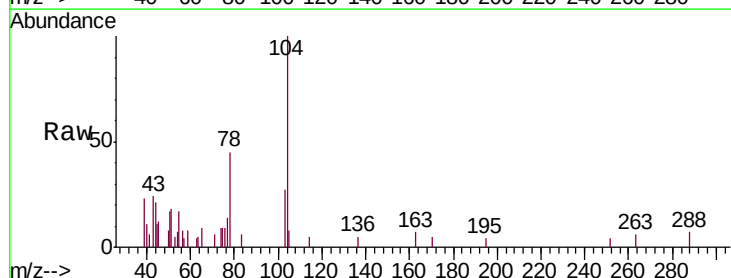
Instrument :
MSVOA_L
ClientSampleId :
IAS-7-PRE-K-TEACHERS-ROOM

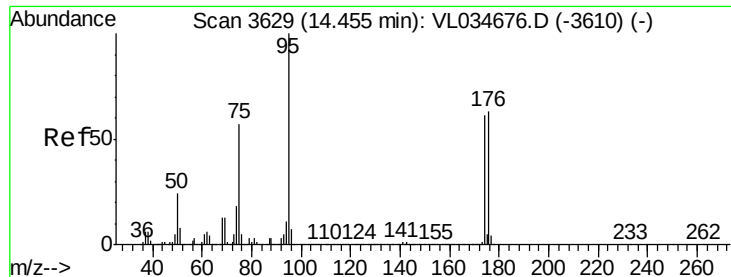
Tgt Ion: 91 Resp: 39579
Ion Ratio Lower Upper
91 100
106 42.9 21.9 65.5



#61
Styrene
Concen: 0.048 ppbv
RT: 13.57 min Scan# 3355
Delta R.T. 0.01 min
Lab File: VL034735.D
Acq: 28 Feb 2020 13:28

Tgt Ion: 104 Resp: 6284
Ion Ratio Lower Upper
104 100
78 82.4 44.2 66.4#
103 58.4 37.4 56.0#

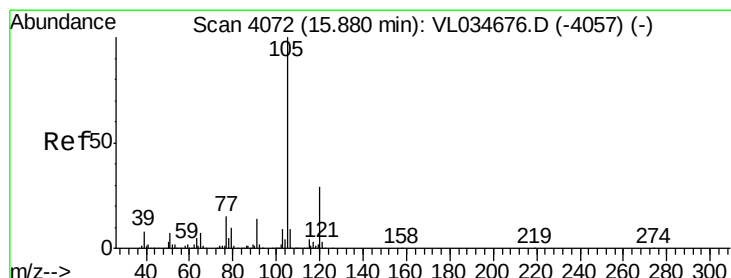
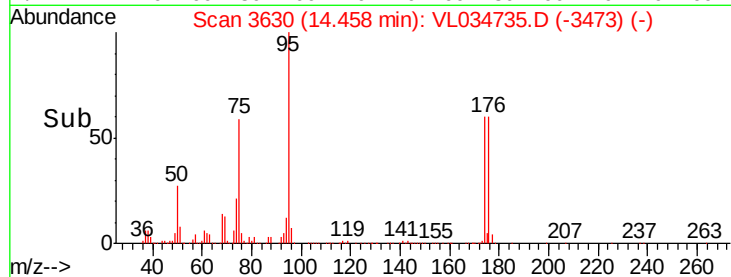
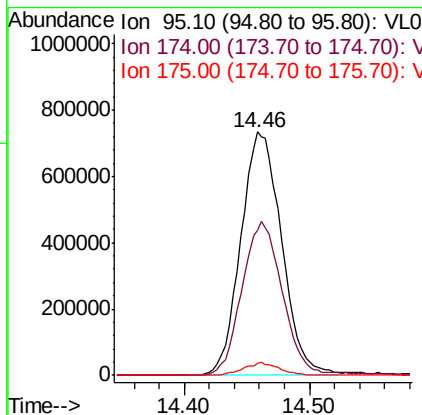
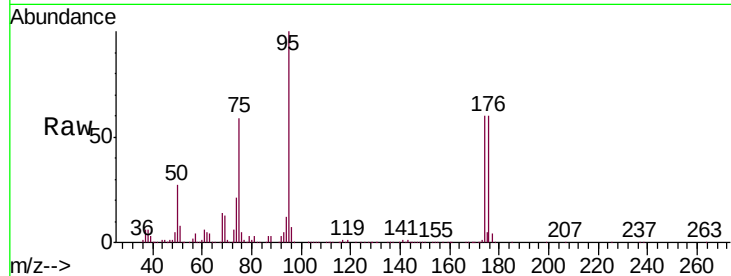




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.399 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

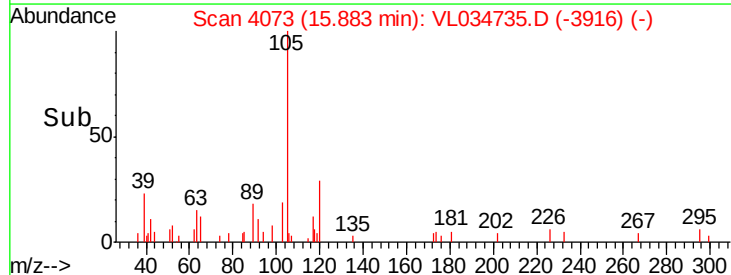
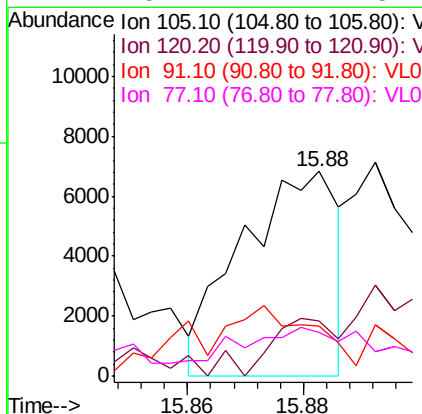
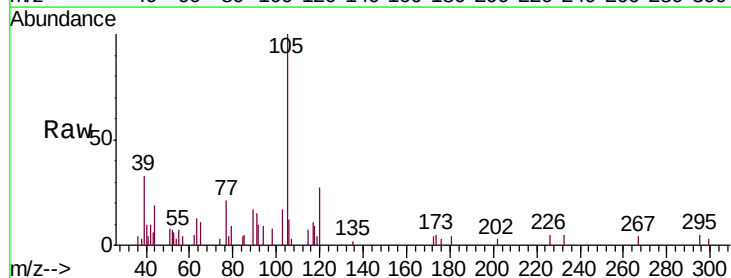
Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

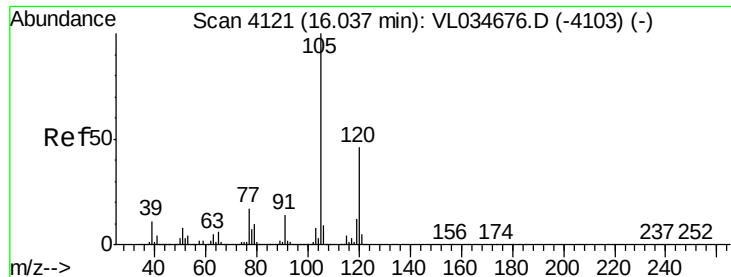
Tgt Ion: 95 Resp: 1652636
 Ion Ratio Lower Upper
 95 100
 174 63.6 50.7 76.1
 175 4.7 3.9 5.9



#72
 4-Ethyltoluene
 Concen: 0.035 ppbv
 RT: 15.88 min Scan# 4073
 Delta R.T. 0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion: 105 Resp: 7913
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.7 35.5#
 91 68.3 10.9 16.3#
 77 43.4 12.2 18.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.021 ppbv

RT: 16.04 min Scan# 4122

Delta R.T. 0.00 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Instrument :

MSVOA_L

ClientSampleId :

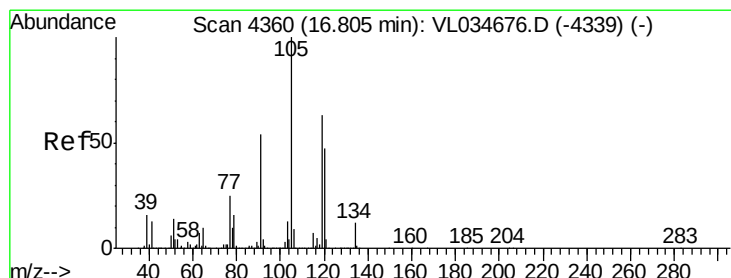
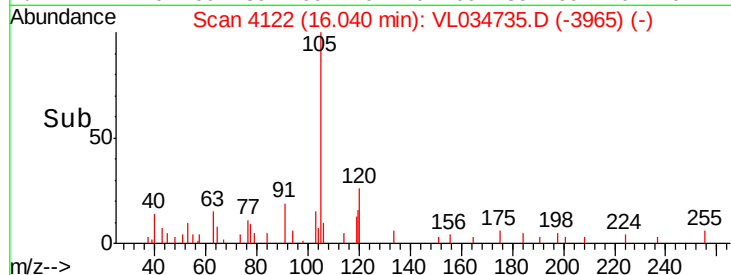
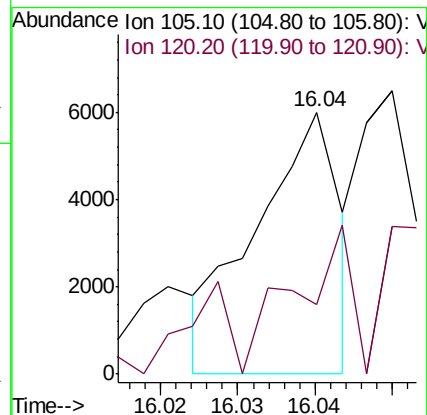
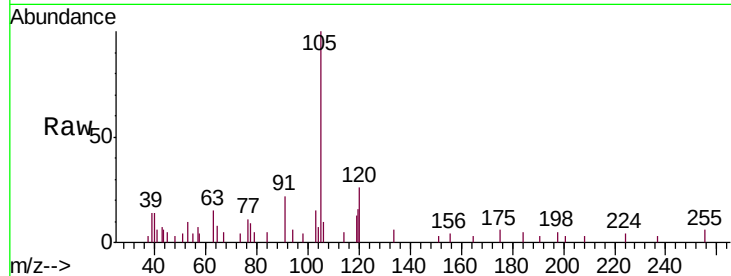
IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion:105 Resp: 4521

Ion Ratio Lower Upper

105 100

120 11.6 37.1 55.7#



#74

1,2,4-Trimethylbenzene

Concen: 0.194 ppbv

RT: 16.81 min Scan# 4362

Delta R.T. 0.01 min

Lab File: VL034735.D

Acq: 28 Feb 2020 13:28

Tgt Ion:105 Resp: 46530

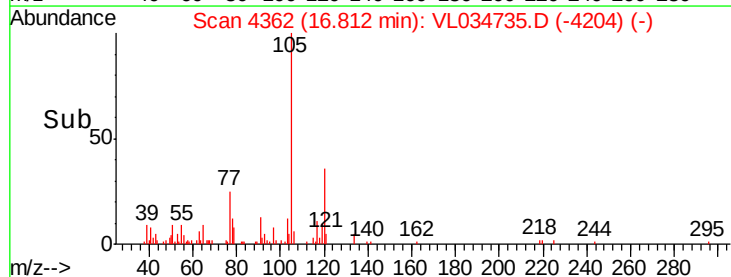
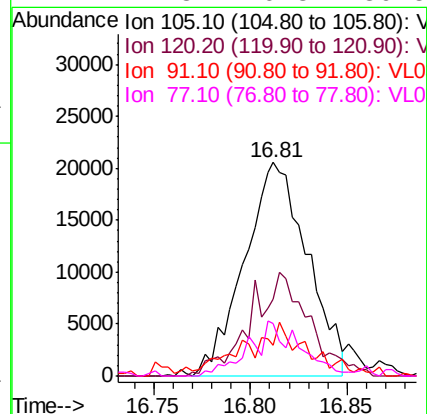
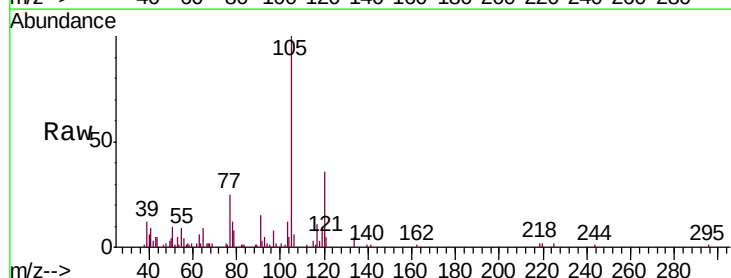
Ion Ratio Lower Upper

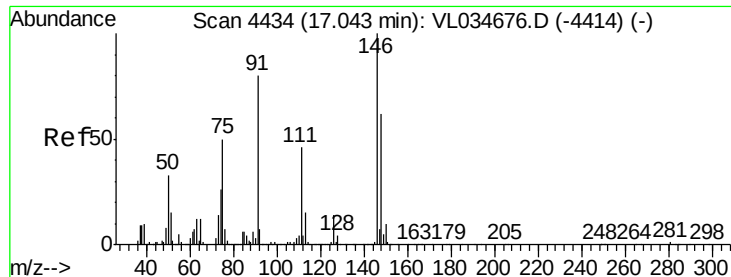
105 100

120 34.0 37.9 56.9#

91 11.6 43.9 65.9#

77 24.8 20.3 30.5

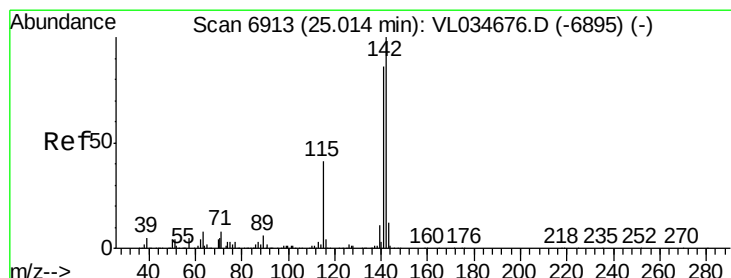
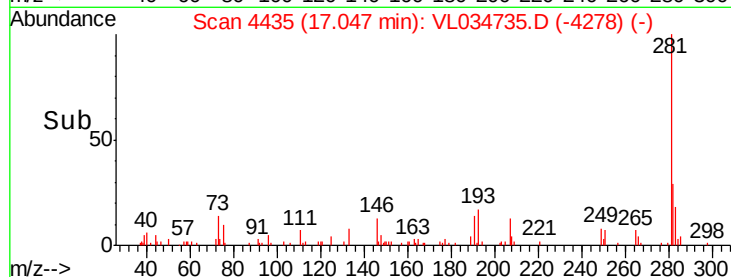
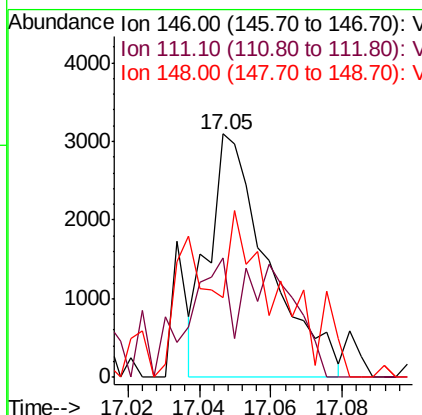
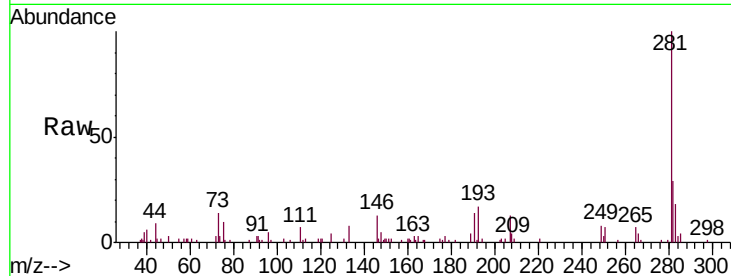




#75
 1,3-Dichlorobenzene
 Concen: 0.026 ppbv
 RT: 17.05 min Scan# 4435
 Delta R.T. 0.00 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-7-PRE-K-TEACHERS-ROOM

Tgt Ion:146 Resp: 3566
 Ion Ratio Lower Upper
 146 100
 111 50.9 24.4 73.2
 148 104.9 32.5 97.4#



#80
 Naphthalene, 2-methyl-
 Concen: 0.028 ppbv
 RT: 25.05 min Scan# 6924
 Delta R.T. 0.04 min
 Lab File: VL034735.D
 Acq: 28 Feb 2020 13:28

Tgt Ion:142 Resp: 1839
 Ion Ratio Lower Upper
 142 100
 141 80.5 66.5 99.7
 115 55.6 30.6 46.0#

