

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037200.D
 Acq On : 17 Jun 2021 14:04
 Operator : SY/AP
 Sample : M2721-01DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DL

Quant Time: Jun 18 01:21:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

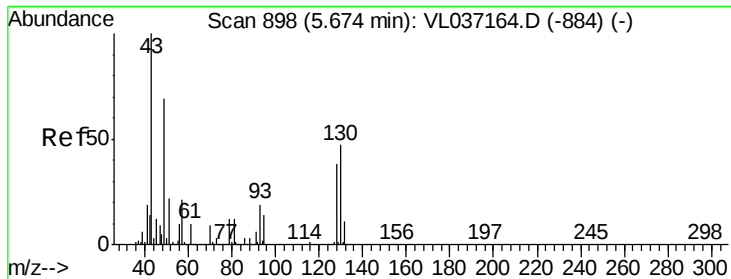
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1354616	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4036694	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3601152	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2755341	10.10	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	26616	0.113	ppbv #	87
3) Chlorodifluoromethane	2.96	51	2325380	8.828	ppbv #	57
4) Chloromethane	3.14	50	6903	0.079	ppbv #	73
9) Propene	3.02	41	26793	0.318	ppbv	96
10) Heptane	8.12	43	10901	0.053	ppbv #	41
11) Trichlorofluoromethane	3.95	101	15471	0.062	ppbv	85
13) Ethanol	3.61	45	745612	57.230	ppbv	47
15) Acetone	3.85	43	1375185	9.002	ppbv	98
16) 1,3-Butadiene	3.36	39	16546	0.183	ppbv #	22
17) tert-Butyl alcohol	4.31	59	142777	1.011	ppbv	96
19) Isopropyl Alcohol	3.98	45	87314	0.944	ppbv #	91
20) Methylene Chloride	4.35	84	577069	6.310	ppbv	97
23) Vinyl Acetate	5.06	43	42413	0.194	ppbv #	27
25) Ethyl Acetate	5.68	43	1476842	4.466	ppbv	97
26) Hexane	5.69	57	786895	4.708	ppbv	91
27) Carbon Disulfide	4.55	76	6207	0.038	ppbv #	40
30) Cyclohexane	7.13	84	79415	0.570	ppbv #	86
31) cis-1,2-Dichloroethene	5.67	61	55485	0.361	ppbv #	24
34) 2-Butanone	5.25	43	167586	1.067	ppbv #	88
39) 1,2-Dichloropropane	7.17	63	963661	7.945	ppbv #	24
41) Tetrahydrofuran	6.07	42	13433	0.184	ppbv #	69
51) 2-Hexanone	10.05	43	4277	0.041	ppbv #	100
53) Toluene	9.81	91	190867	0.490	ppbv	99
58) Ethyl Benzene	12.71	91	37653	0.076	ppbv	95
59) m/p-Xylene	12.99	91	73654	0.175	ppbv #	30
60) o-Xylene	13.69	91	119397	0.298	ppbv	99
61) Styrene	13.53	104	1389547	6.730	ppbv	96
62) Isopropylbenzene	14.67	105	32573	0.057	ppbv	99
64) n-propylbenzene	15.56	120	7651	0.054	ppbv #	1
65) tert-Butylbenzene	16.75	119	14232	0.028	ppbv #	27
66) Benzyl Chloride	16.99	91	755	0.035	ppbv #	63
69) p-Isopropyltoluene	17.65	119	27982	0.049	ppbv #	80
72) 4-Ethyltoluene	15.84	105	63400	0.140	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.00	105	19937	0.045	ppbv #	28
74) 1,2,4-Trimethylbenzene	16.76	105	121606	0.269	ppbv #	75
76) 1,4-Dichlorobenzene	17.13	146	6059	0.022	ppbv #	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037200.D

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IA-PLAYROOM-1DL

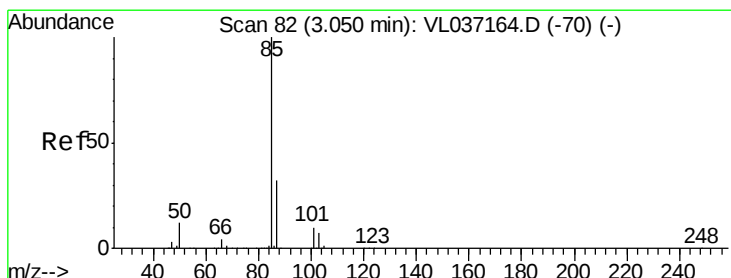
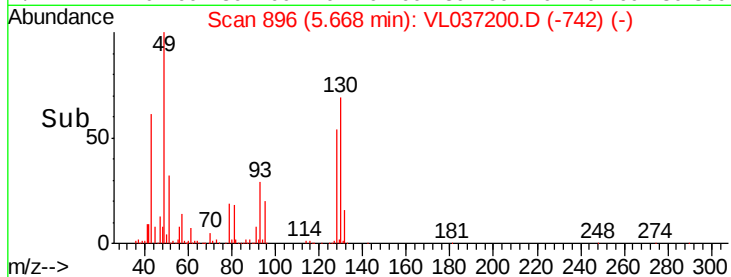
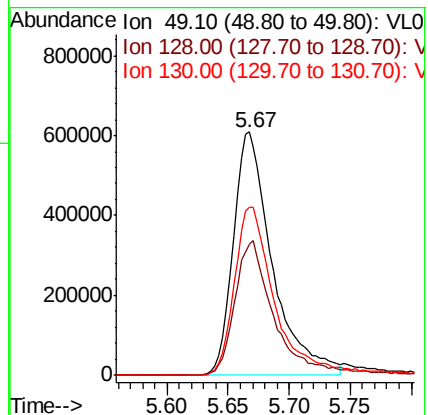
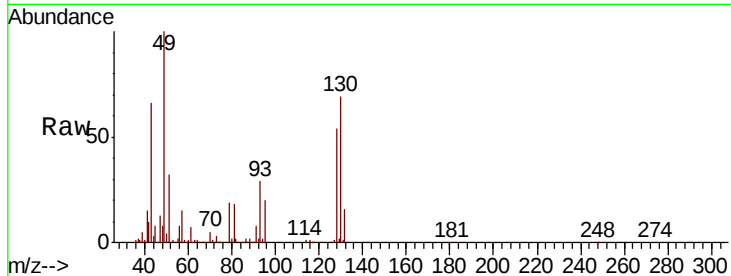
Tot Ion: 49 Resp: 1354616

Ion Ratio Lower Upper

49 100

128 57.4 29.3 88.0

130 73.1 35.9 107.8



#2

Dichlorodifluoromethane

Concen: 0.113 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL037200.D

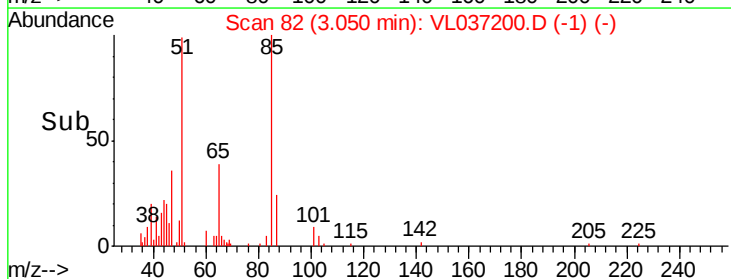
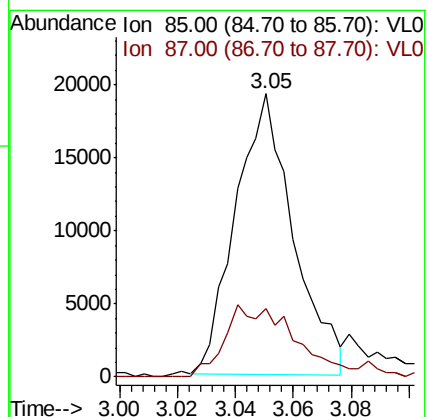
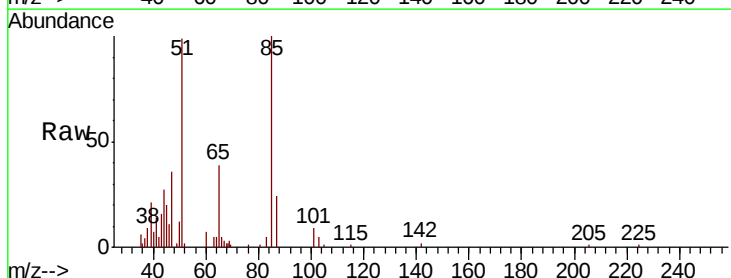
Acq: 17 Jun 2021 14:04

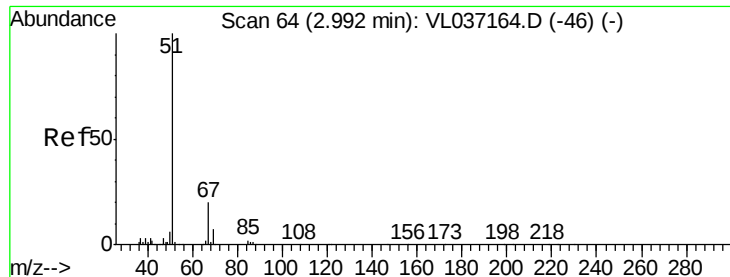
Tgt Ion: 85 Resp: 26616

Ion Ratio Lower Upper

85 100

87 24.7 25.8 38.6#





#3

Chlorodifluoromethane

Concen: 8.828 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.03 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

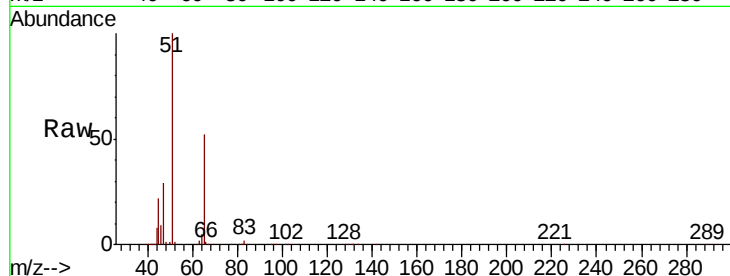
IA-PLAYROOM-1DL

Tot Ion: 51 Resp: 2325380

Ion Ratio Lower Upper

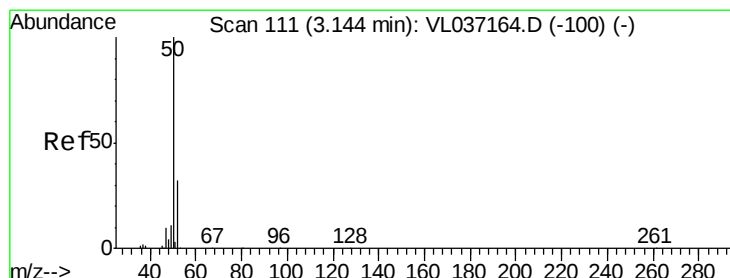
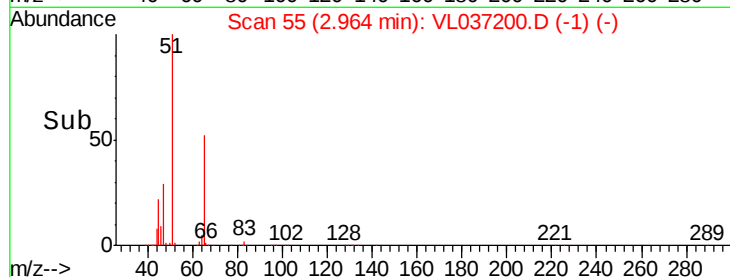
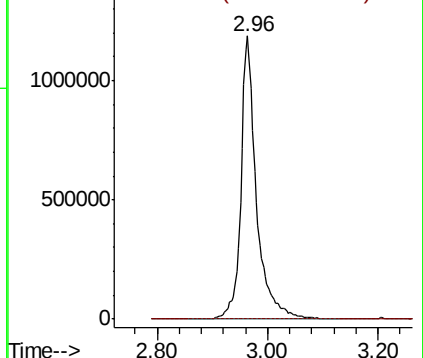
51 100

67 0.2 15.8 23.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.079 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037200.D

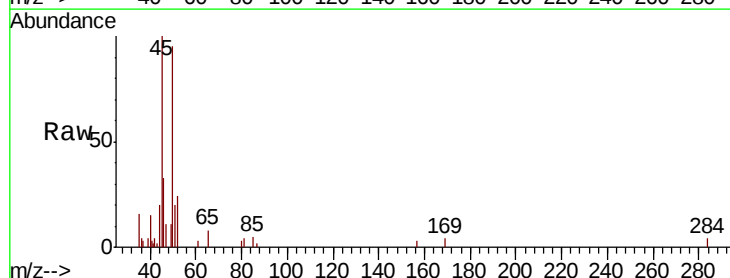
Acq: 17 Jun 2021 14:04

Tgt Ion: 50 Resp: 6903

Ion Ratio Lower Upper

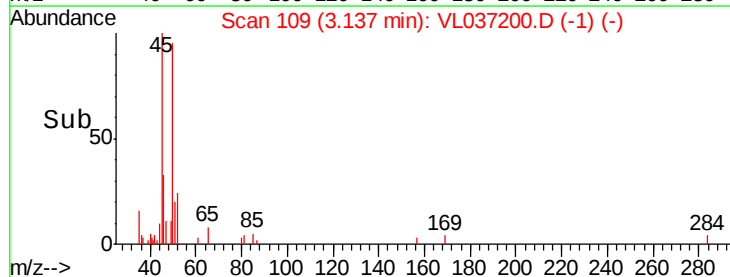
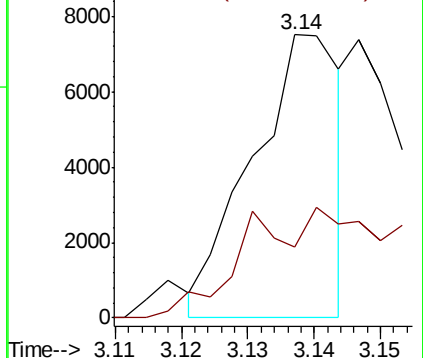
50 100

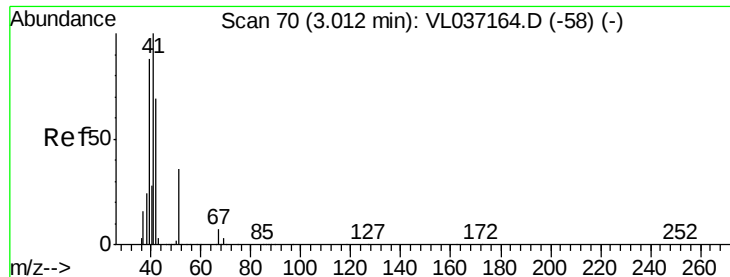
52 17.2 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.318 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

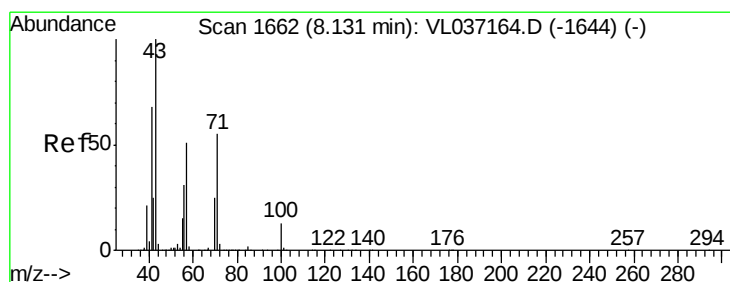
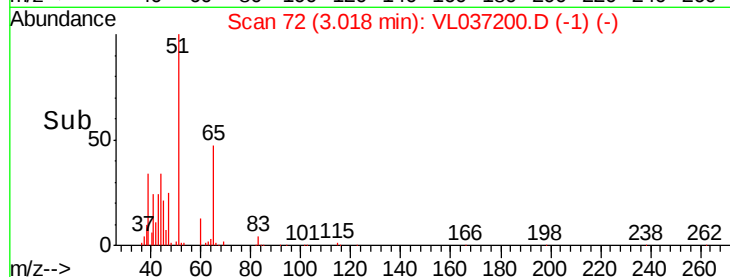
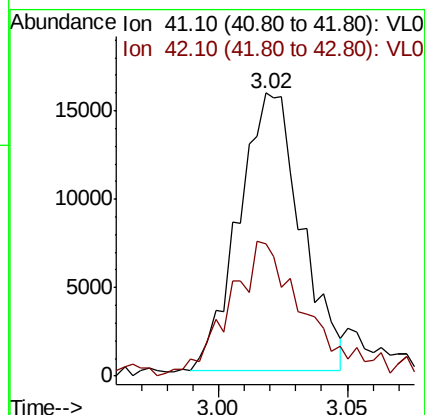
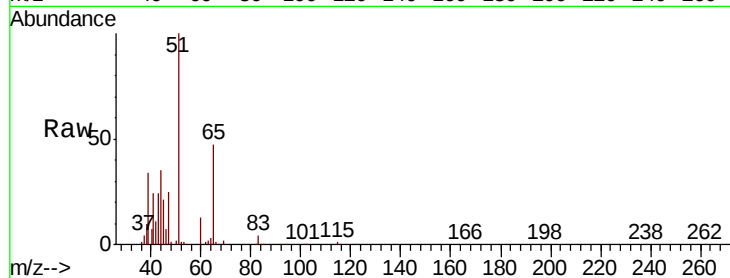
IA-PLAYROOM-1DL

Tot Ion: 41 Resp: 26793

Ion Ratio Lower Upper

41 100

42 64.9 54.5 81.7



#10

Heptane

Concen: 0.053 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL037200.D

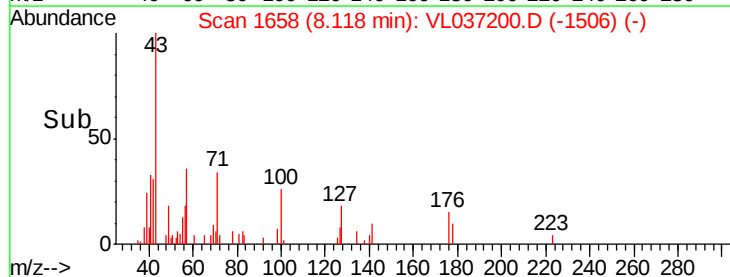
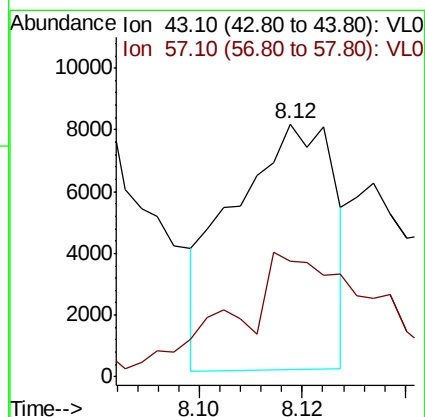
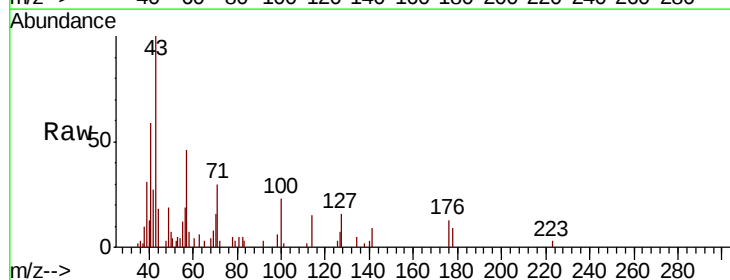
Acq: 17 Jun 2021 14:04

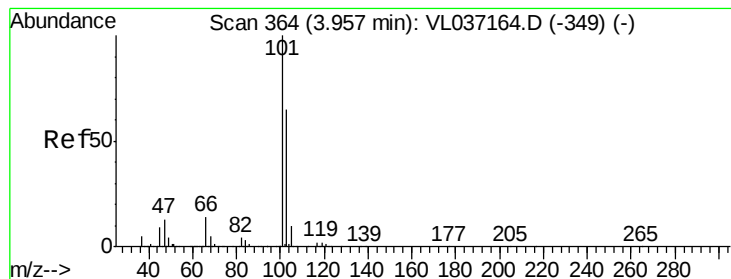
Tgt Ion: 43 Resp: 10901

Ion Ratio Lower Upper

43 100

57 92.0 40.6 61.0#





#11

Trichlorofluoromethane

Concen: 0.062 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

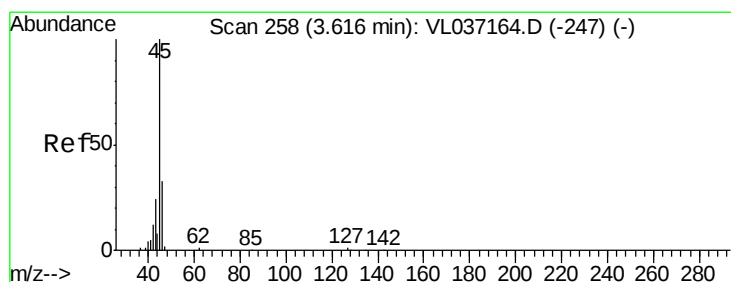
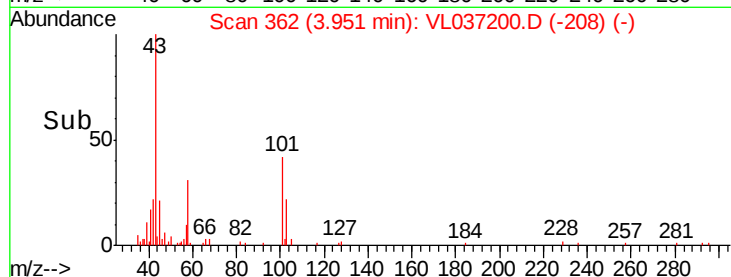
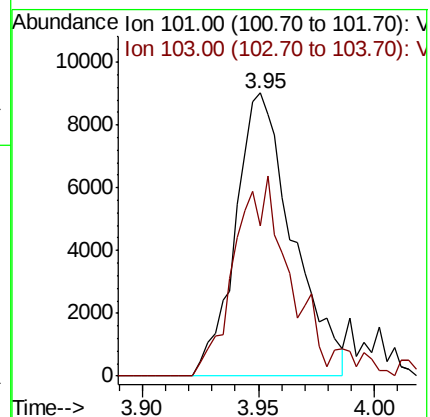
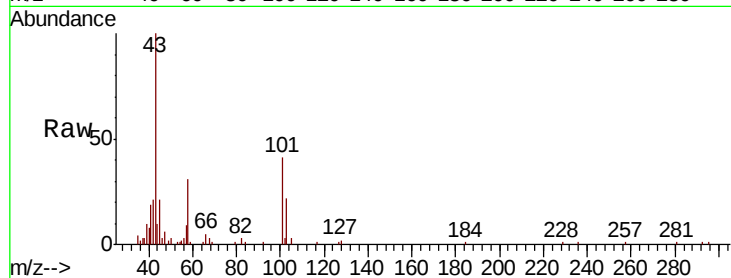
IA-PLAYROOM-1DL

Tot Ion:101 Resp: 15471

Ion Ratio Lower Upper

101 100

103 53.2 52.2 78.4



#13

Ethanol

Concen: 57.230 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.01 min

Lab File: VL037200.D

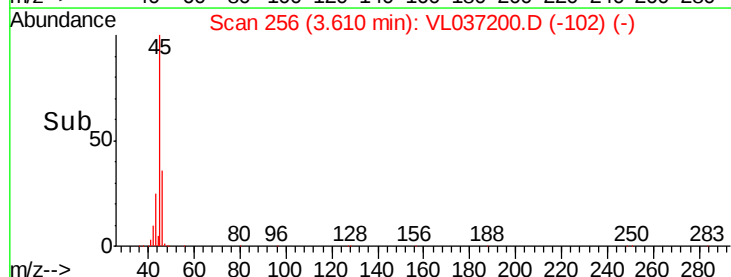
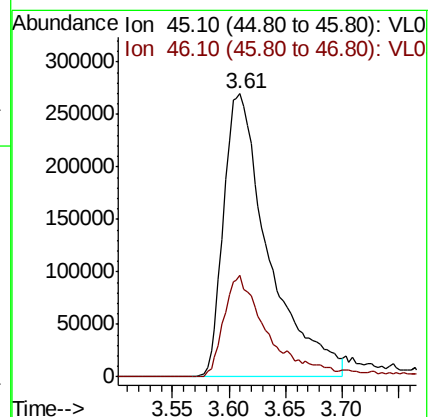
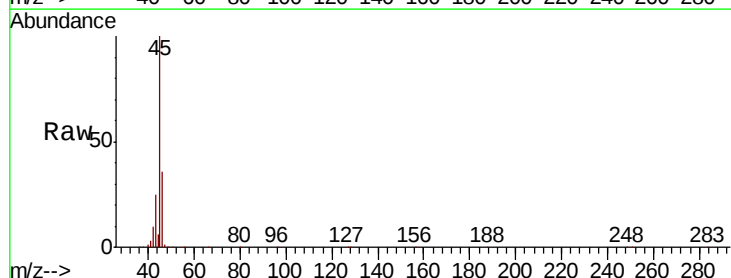
Acq: 17 Jun 2021 14:04

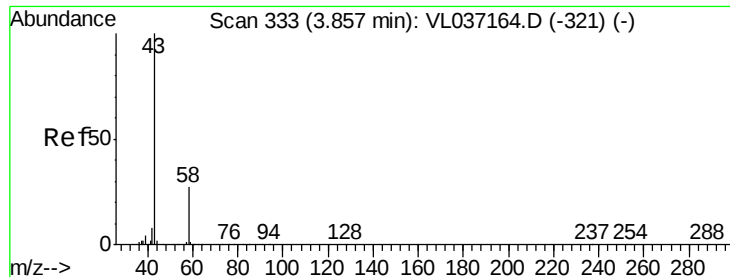
Tgt Ion: 45 Resp: 745612

Ion Ratio Lower Upper

45 100

46 37.2 34.2 137.0





#15

Acetone

Concen: 9.002 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

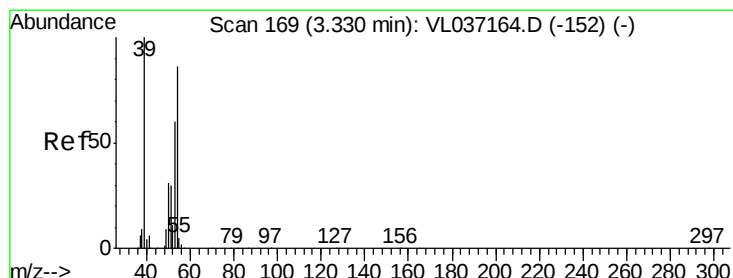
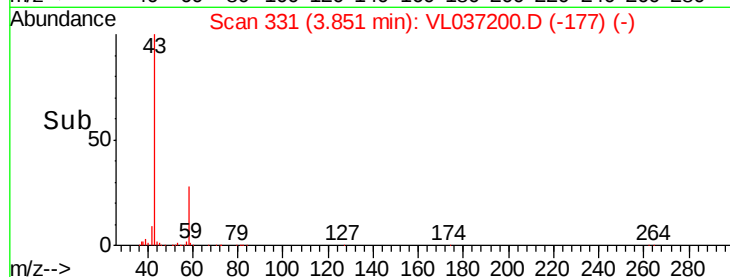
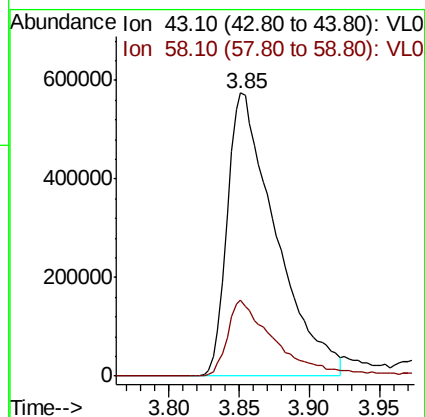
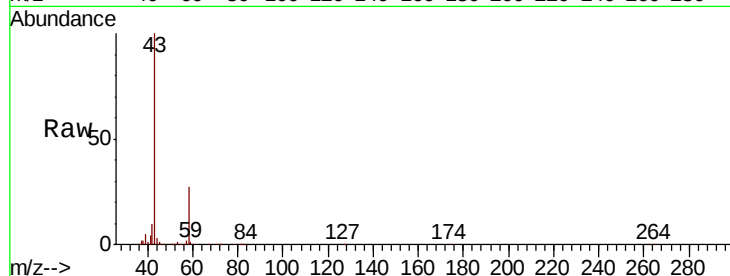
IA-PLAYROOM-1DL

Tot Ion: 43 Resp: 1375185

Ion Ratio Lower Upper

43 100

58 28.4 23.7 35.5



#16

1,3-Butadiene

Concen: 0.183 ppbv

RT: 3.36 min Scan# 177

Delta R.T. 0.03 min

Lab File: VL037200.D

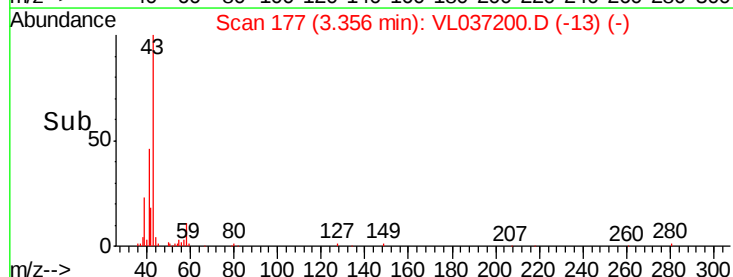
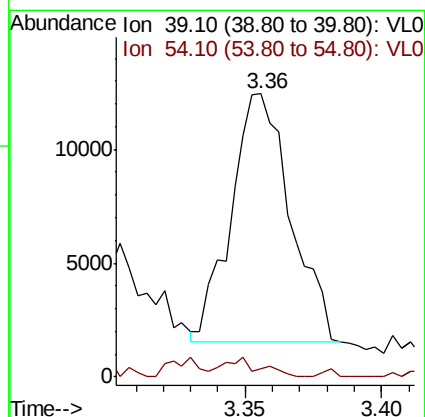
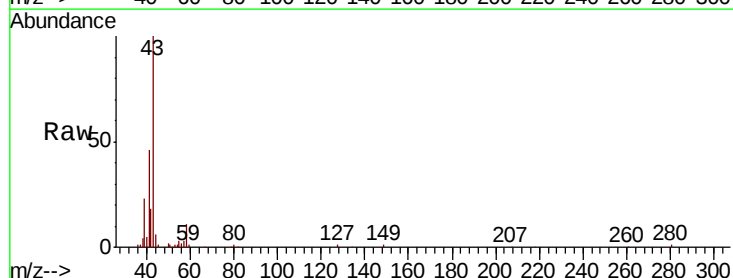
Acq: 17 Jun 2021 14:04

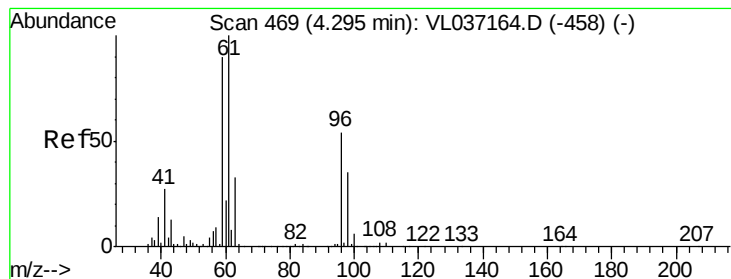
Tgt Ion: 39 Resp: 16546

Ion Ratio Lower Upper

39 100

54 9.2 61.2 91.8#





#17

tert-Butyl alcohol

Concen: 1.011 ppbv

RT: 4.31 min Scan# 473

Delta R.T. 0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

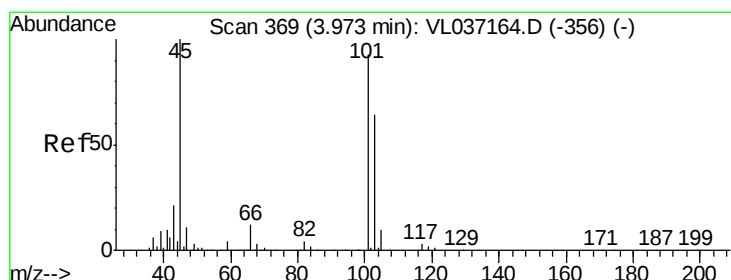
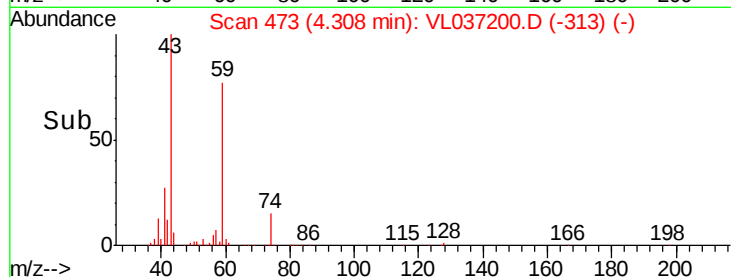
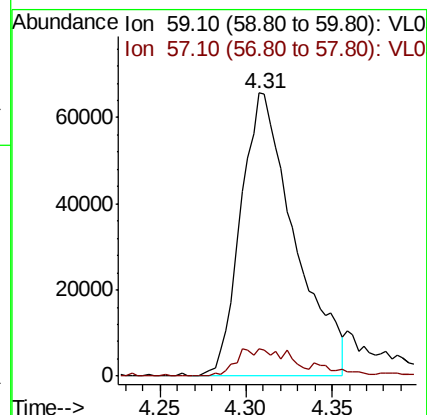
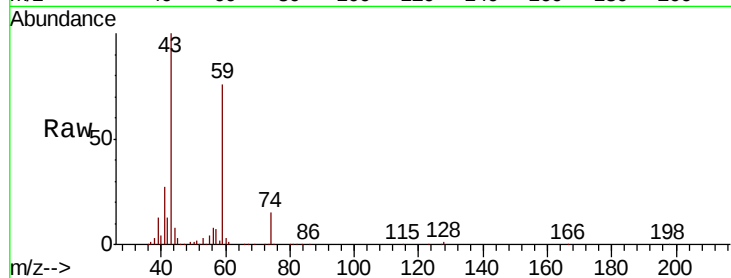
IA-PLAYROOM-1DL

Tot Ion: 59 Resp: 142777

Ion Ratio Lower Upper

59 100

57 12.6 8.8 13.2



#19

Isopropyl Alcohol

Concen: 0.944 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.01 min

Lab File: VL037200.D

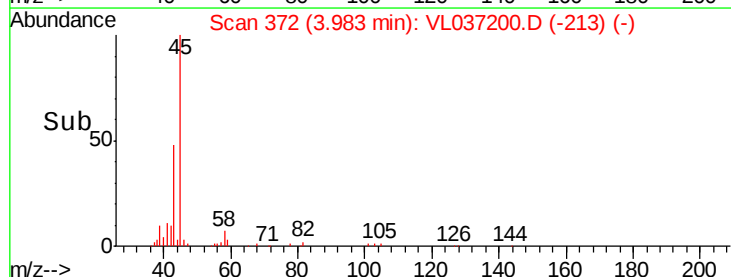
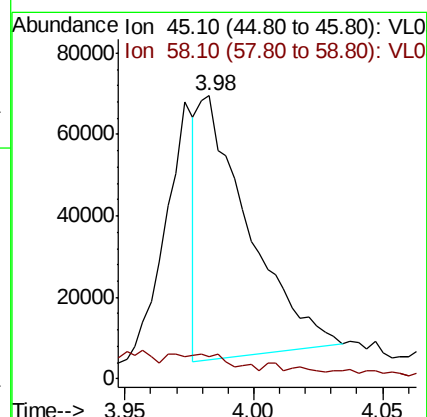
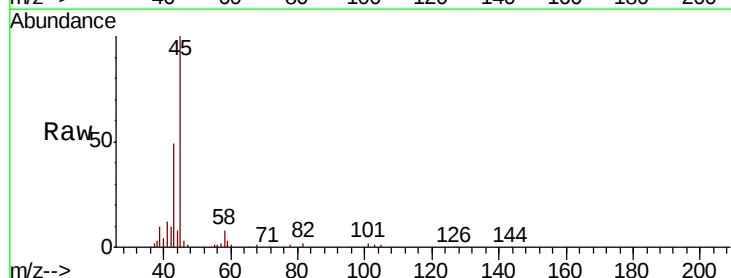
Acq: 17 Jun 2021 14:04

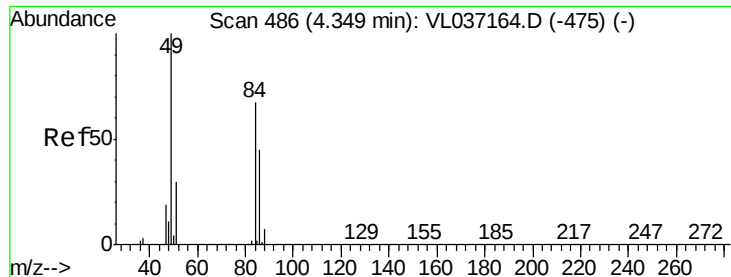
Tgt Ion: 45 Resp: 87314

Ion Ratio Lower Upper

45 100

58 0.0 2.4 3.6#





#20

Methvlene Chloride

Concen: 6.310 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.00 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

Tot Ion: 84 Resp: 577069

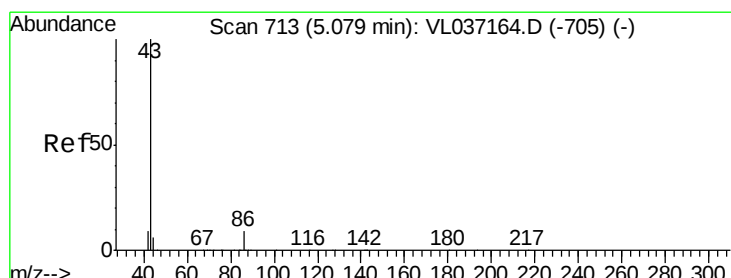
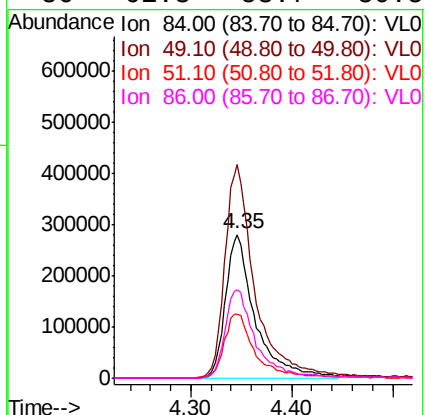
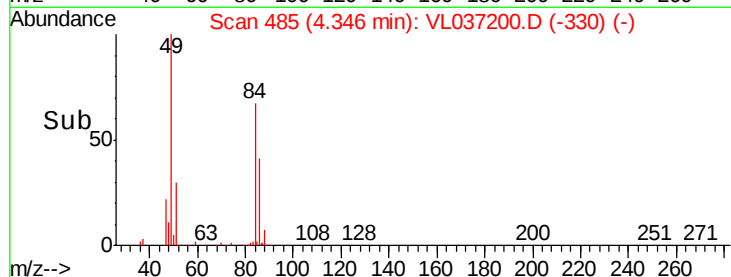
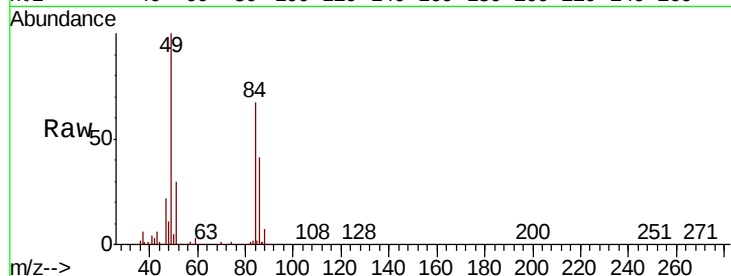
Ion Ratio Lower Upper

84 100

49 148.5 119.7 179.5

51 44.1 36.1 54.1

86 61.3 53.7 80.5



#23

Vinyl Acetate

Concen: 0.194 ppbv

RT: 5.06 min Scan# 708

Delta R.T. -0.02 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Tgt Ion: 43 Resp: 42413

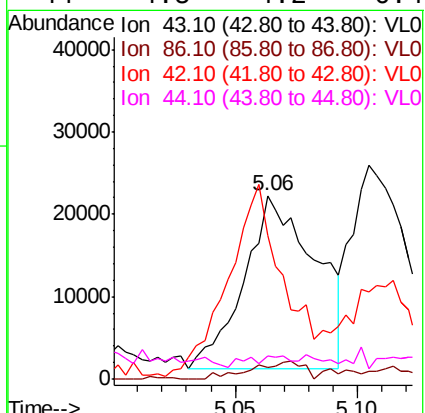
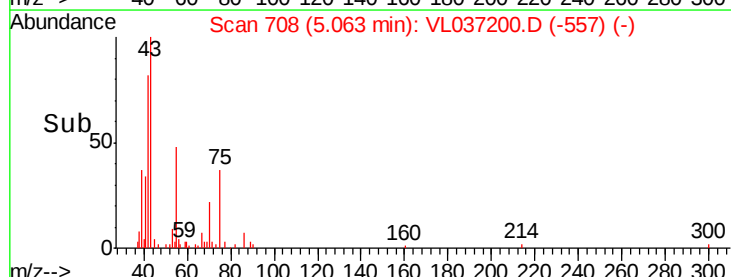
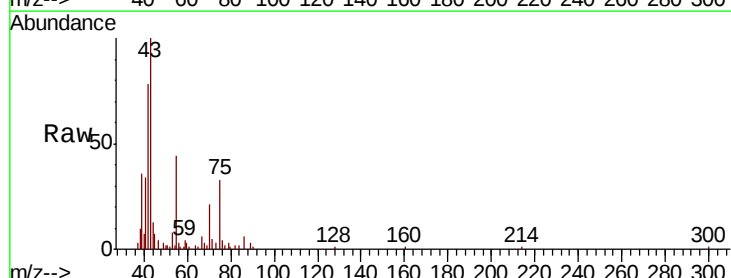
Ion Ratio Lower Upper

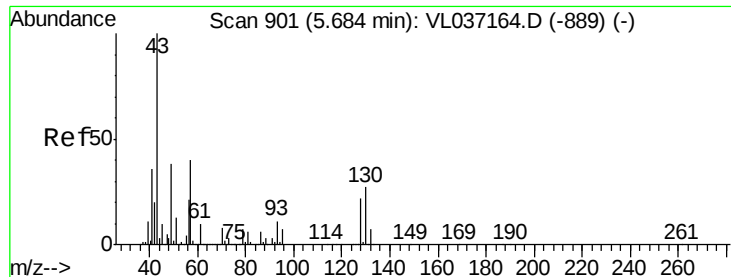
43 100

86 6.5 5.8 8.8

42 70.1 8.2 12.2#

44 4.5 4.2 6.4





#25

Ethyl Acetate

Concen: 4.466 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

Tot Ion: 43 Resp: 1476842

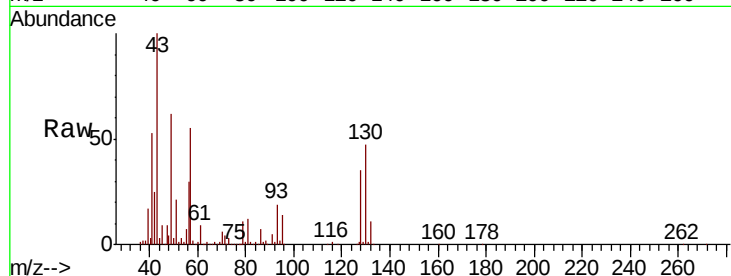
Ion Ratio Lower Upper

43 100

45 8.9 8.0 12.0

61 8.5 8.1 12.1

70 6.6 5.5 8.3

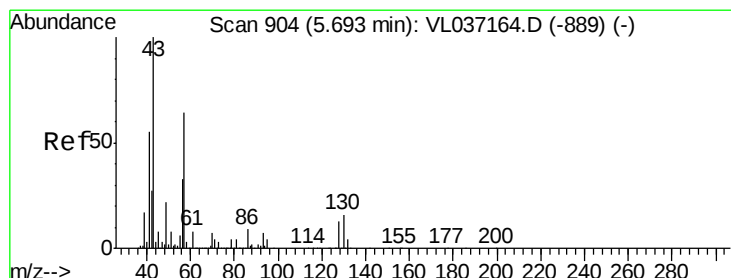
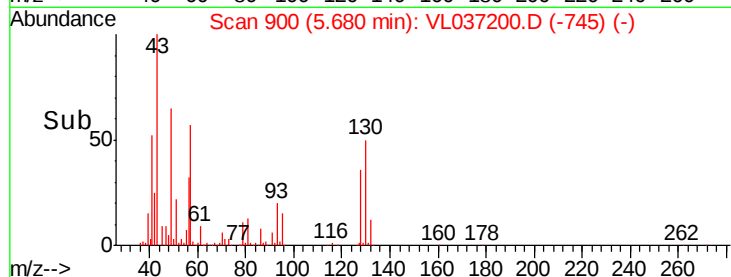
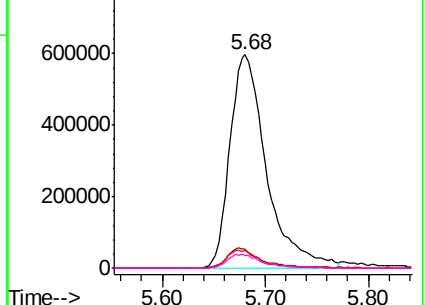


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 4.708 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Tgt Ion: 57 Resp: 786895

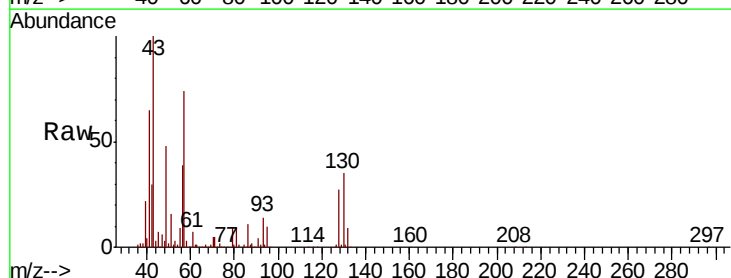
Ion Ratio Lower Upper

57 100

41 97.0 73.5 110.3

43 194.1 170.7 256.1

56 54.6 42.4 63.6

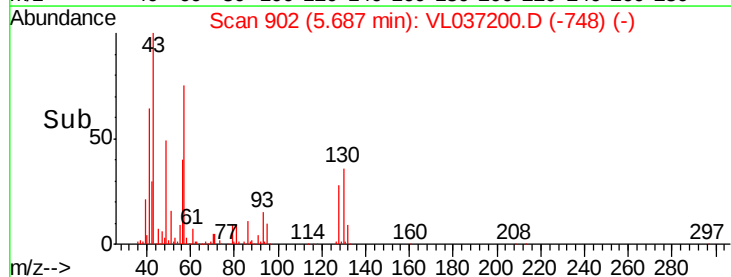
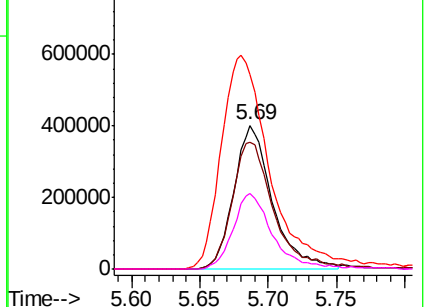


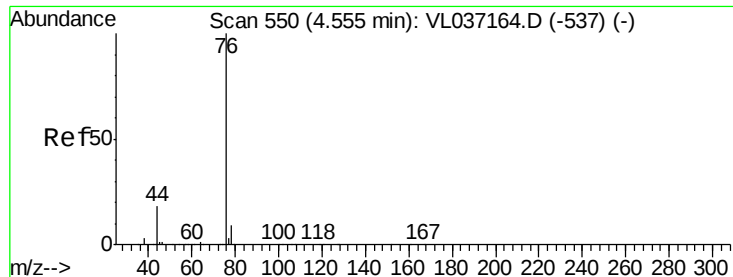
Abundance Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 0.038 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

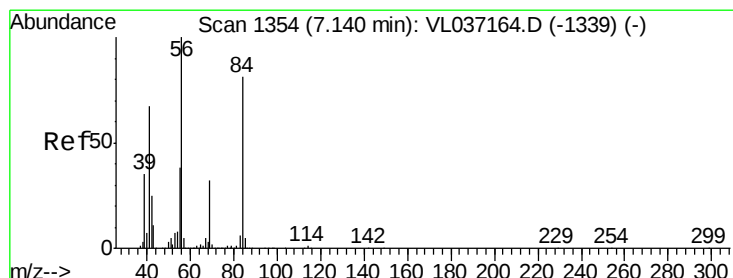
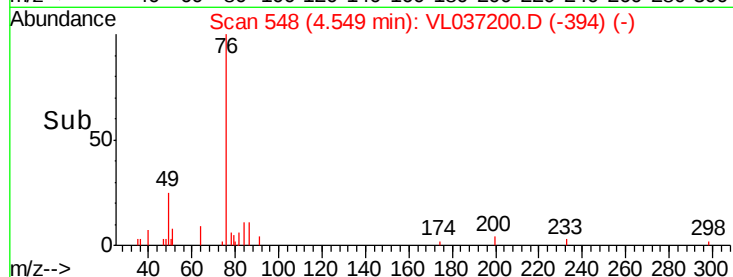
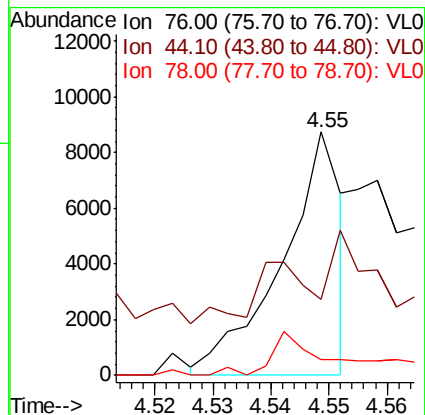
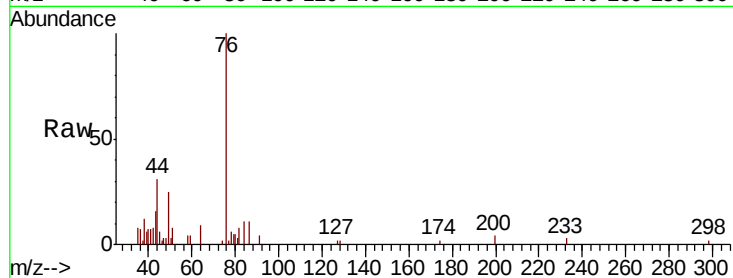
Tot Ion: 76 Resp: 6207

Ion Ratio Lower Upper

76 100

44 44.1 15.4 23.2#

78 35.7 8.0 12.0#



#30

Cyclohexane

Concen: 0.570 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

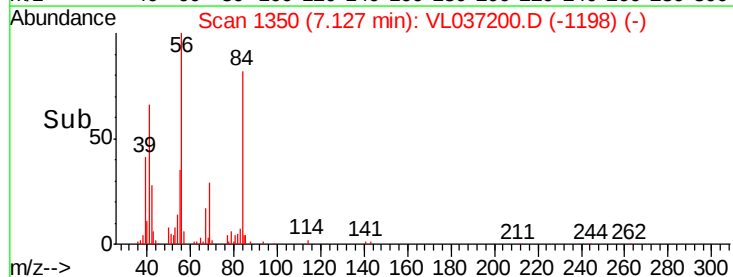
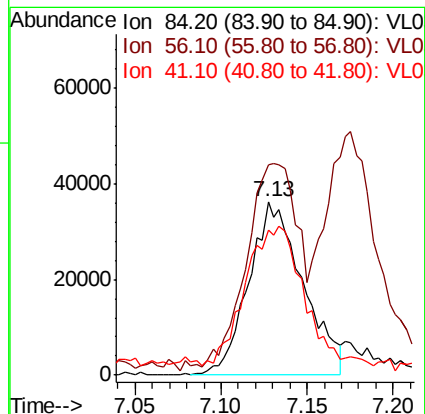
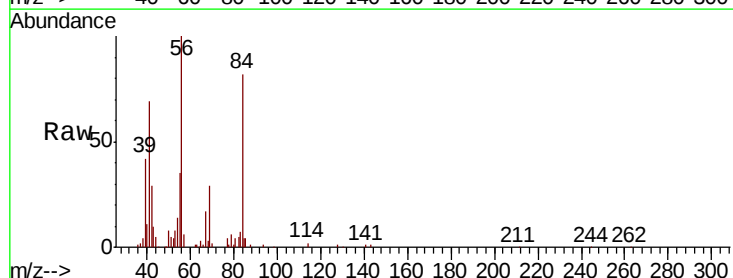
Tgt Ion: 84 Resp: 79415

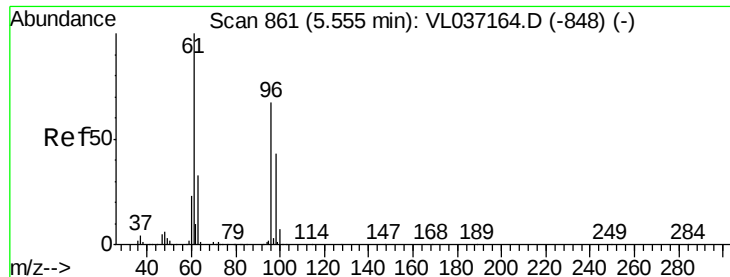
Ion Ratio Lower Upper

84 100

56 124.0 107.7 161.5

41 107.6 69.0 103.6#





#31

cis-1,2-Dichloroethene

Concen: 0.361 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.12 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

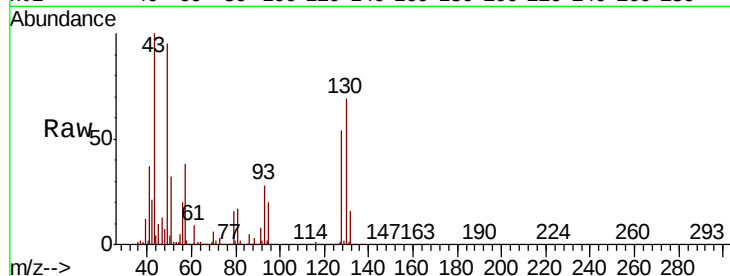
Tot Ion: 61 Resp: 55485

Ion Ratio Lower Upper

61 100

96 2.2 53.6 80.4#

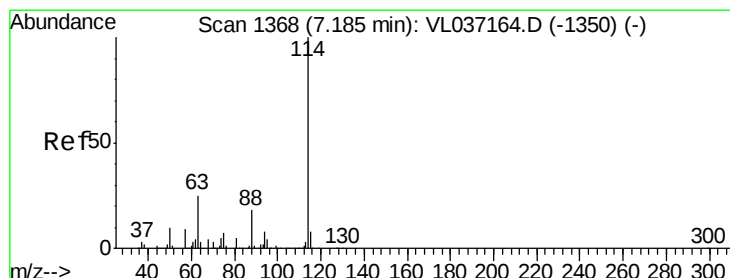
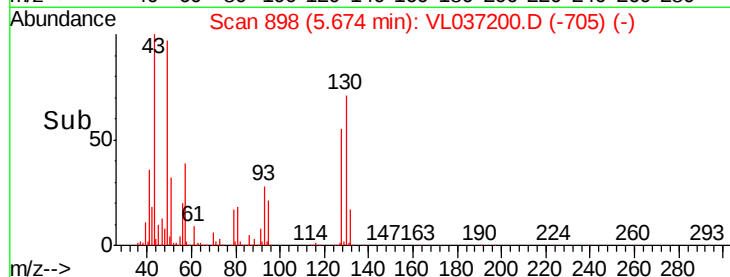
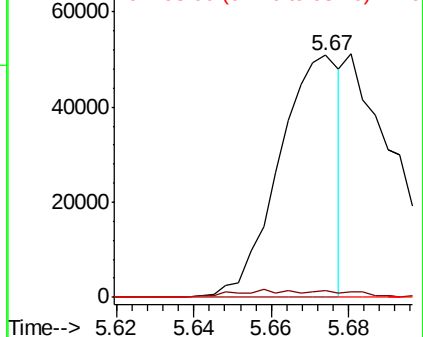
98 0.0 34.7 52.1#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

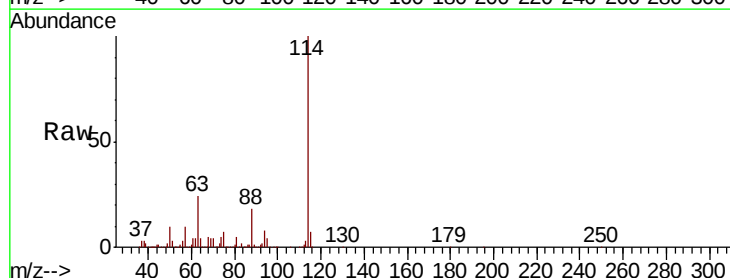
Tgt Ion: 114 Resp: 4036694

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

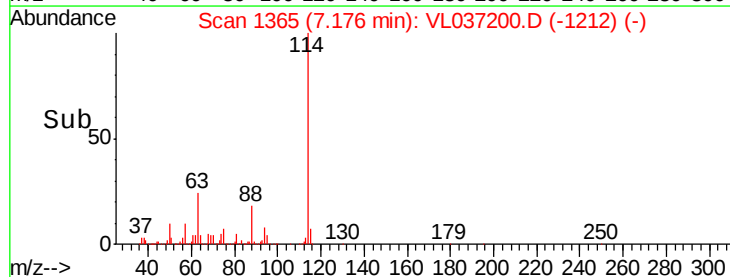
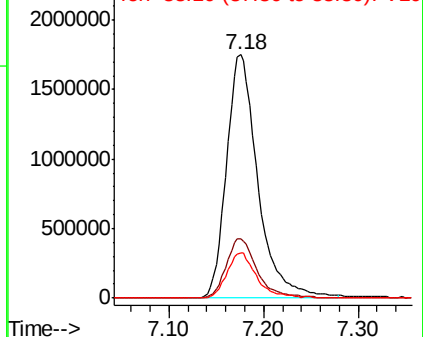
88 17.9 14.2 21.2

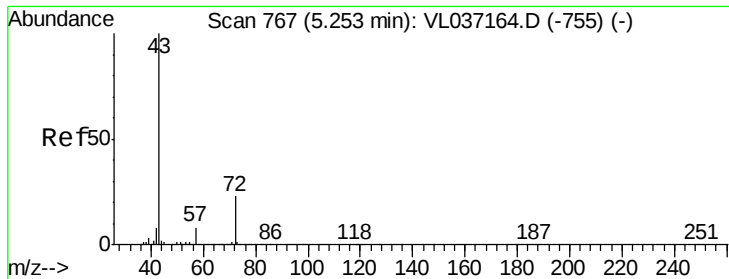


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

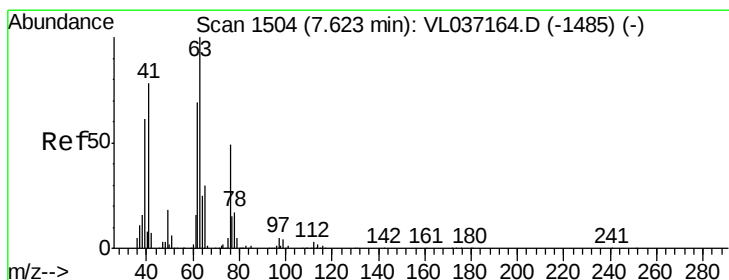
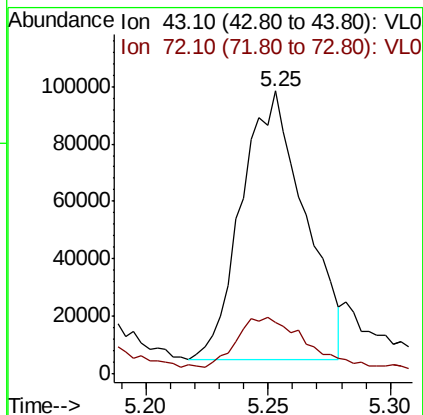
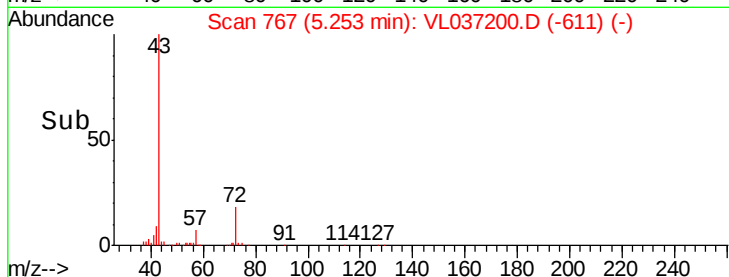
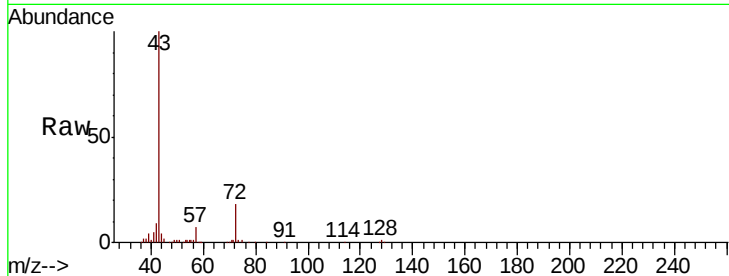




#34
2-Butanone
Concen: 1.067 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL037200.D
Acq: 17 Jun 2021 14:04

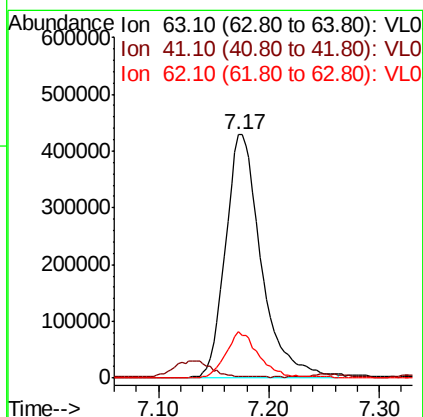
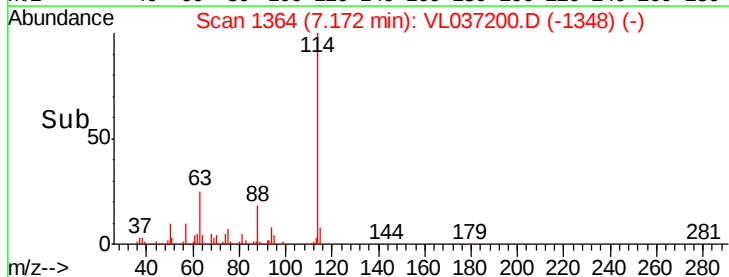
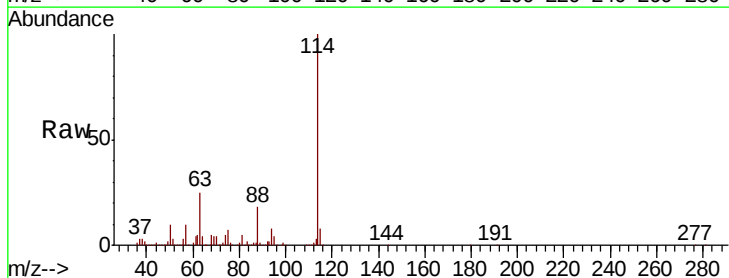
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DL

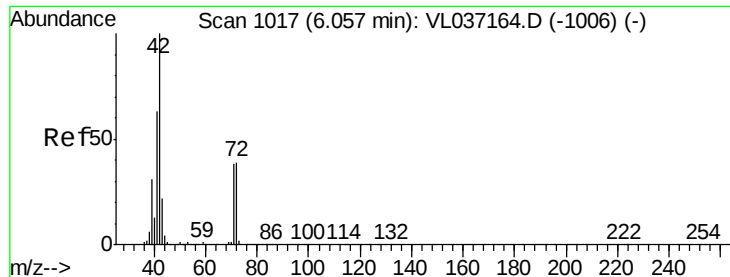
Tot Ion: 43 Resp: 167586
Ion Ratio Lower Upper
43 100
72 29.4 18.9 28.3#



#39
1,2-Dichloropropane
Concen: 7.945 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL037200.D
Acq: 17 Jun 2021 14:04

Tgt Ion: 63 Resp: 963661
Ion Ratio Lower Upper
63 100
41 0.0 62.0 93.0#
62 19.2 54.9 82.3#





#41

Tetrahydrofuran

Concen: 0.184 ppbv

RT: 6.07 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

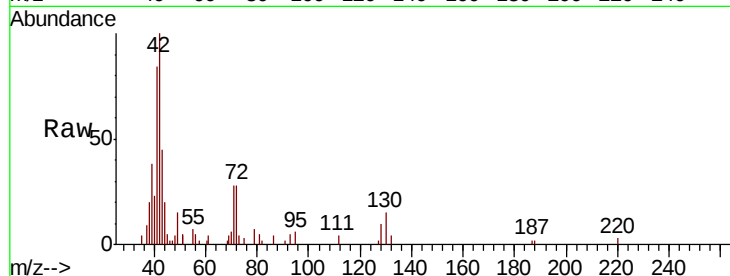
Tot Ion: 42 Resp: 13433

Ion Ratio Lower Upper

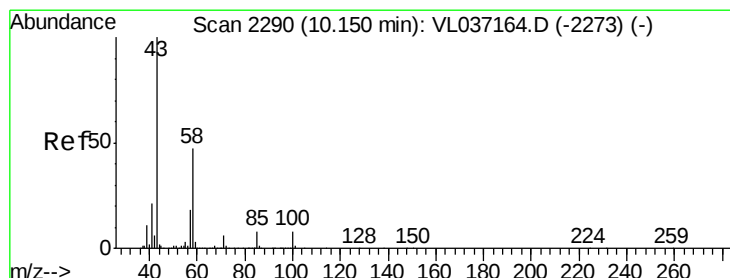
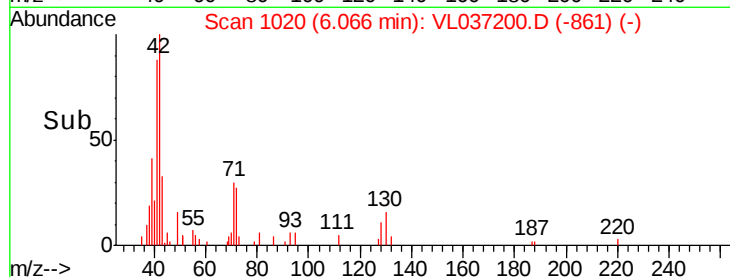
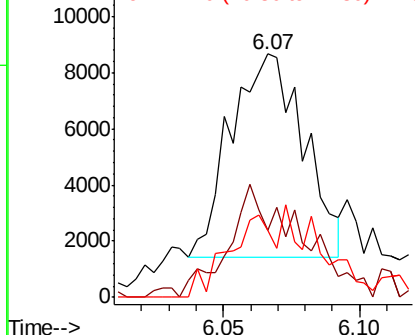
42 100

72 60.8 33.0 49.4#

71 57.4 31.0 46.6#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#51

2-Hexanone

Concen: 0.041 ppbv

RT: 10.05 min Scan# 2258

Delta R.T. -0.10 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

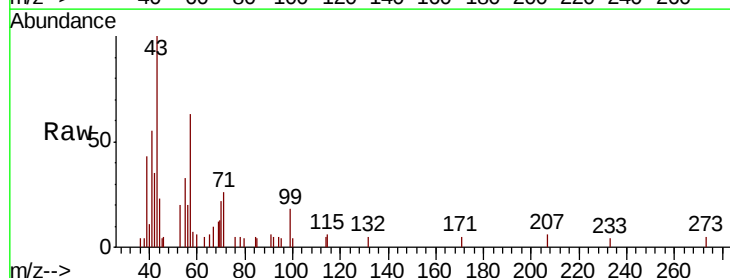
Tgt Ion: 43 Resp: 4277

Ion Ratio Lower Upper

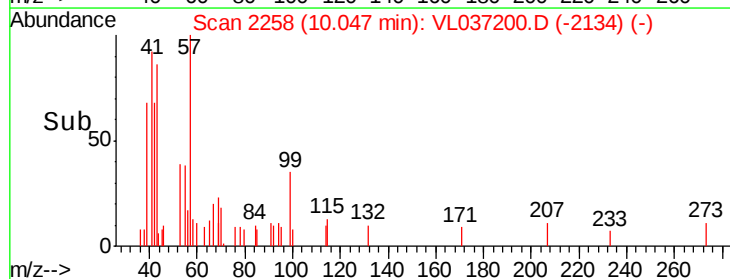
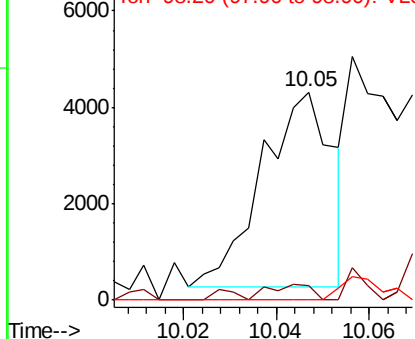
43 100

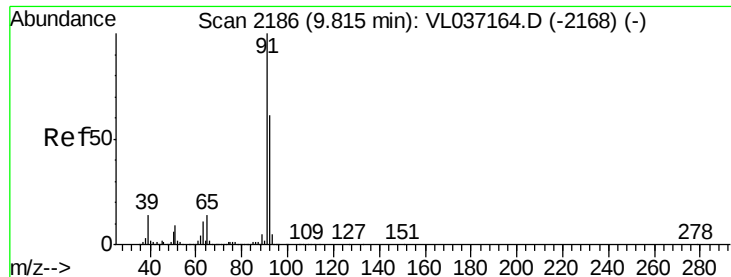
58 48.2 38.4 57.6

98 7.2 0.3 0.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0





#53

Toluene

Concen: 0.490 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

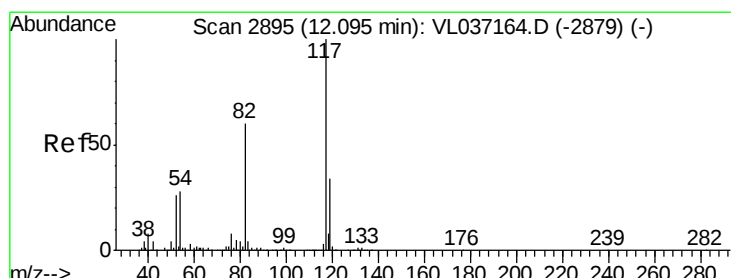
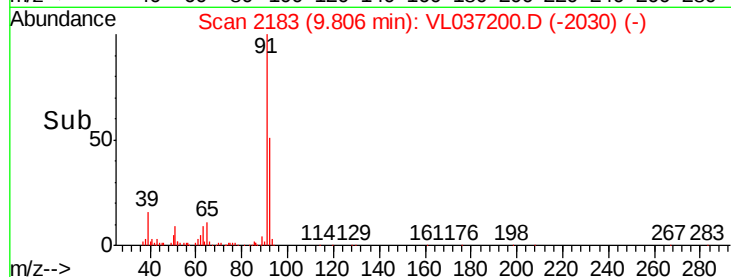
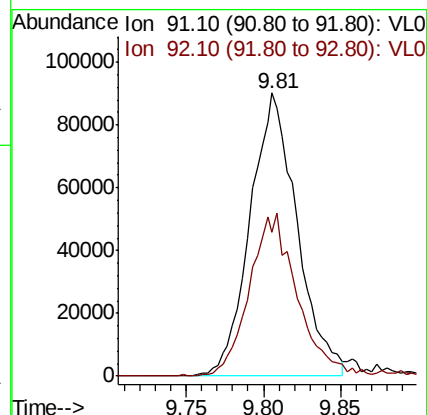
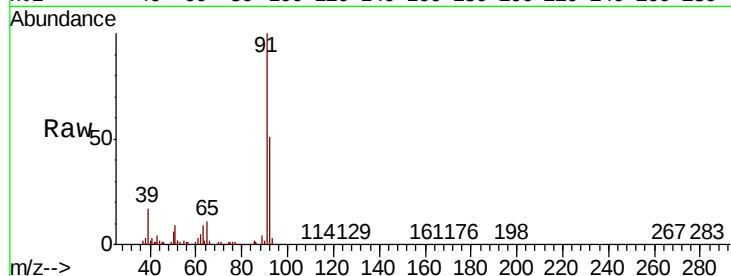
IA-PLAYROOM-1DL

Tot Ion: 91 Resp: 190867

Ion Ratio Lower Upper

91 100

92 59.8 48.3 72.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

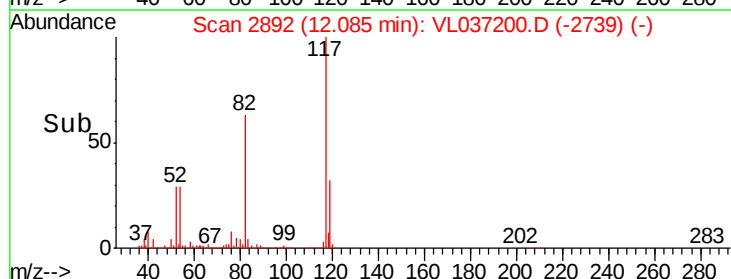
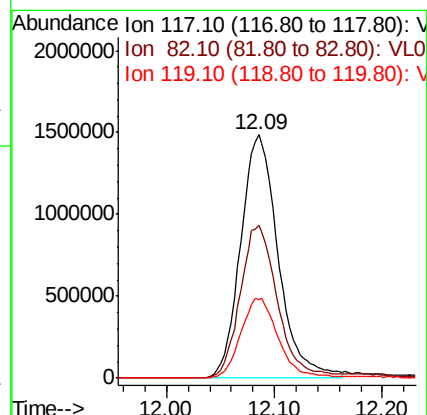
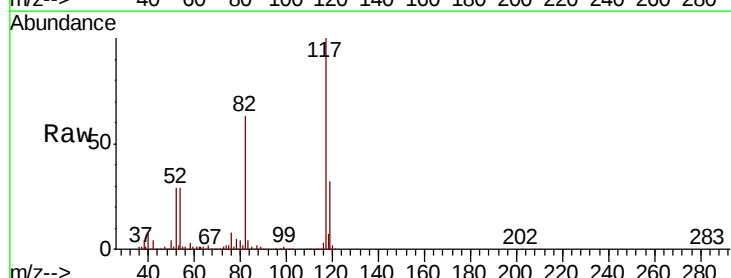
Tgt Ion: 117 Resp: 3601152

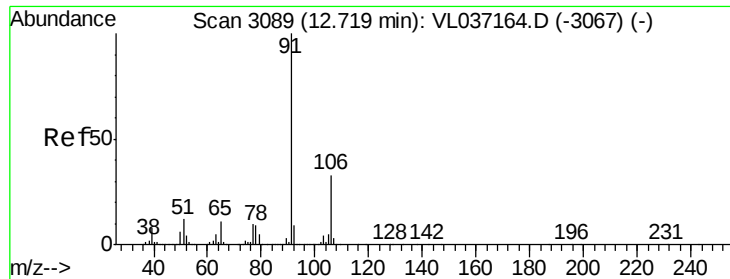
Ion Ratio Lower Upper

117 100

82 64.9 51.7 77.5

119 33.8 47.6 71.4#





#58

Ethyl Benzene

Concen: 0.076 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

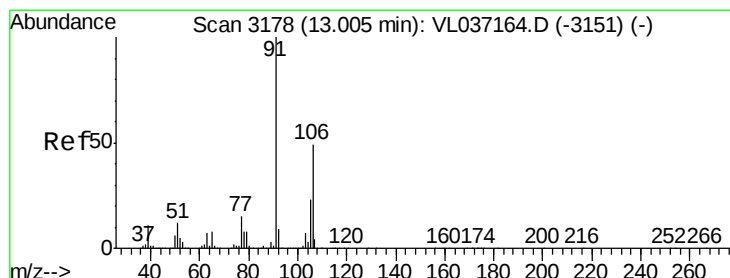
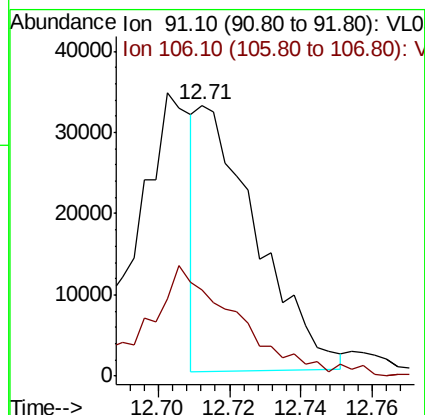
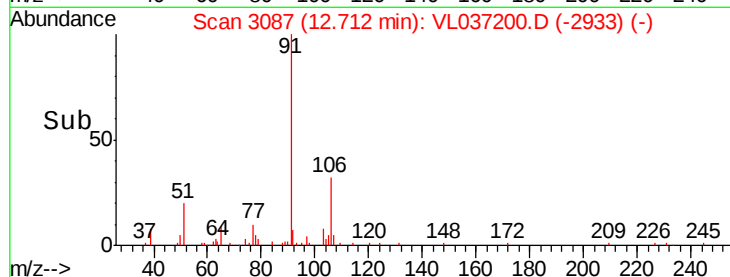
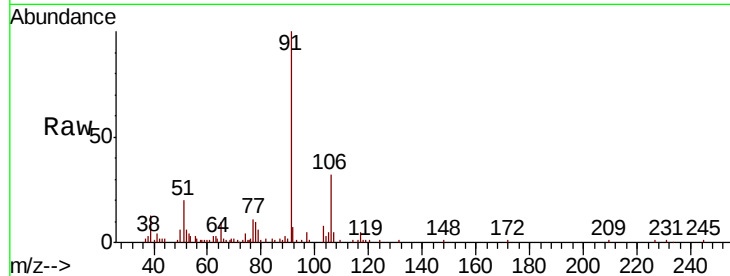
IA-PLAYROOM-1DL

Tot Ion: 91 Resp: 37653

Ion Ratio Lower Upper

91 100

106 30.2 26.3 39.5



#59

m/p-Xylene

Concen: 0.175 ppbv

RT: 12.99 min Scan# 3173

Delta R.T. -0.02 min

Lab File: VL037200.D

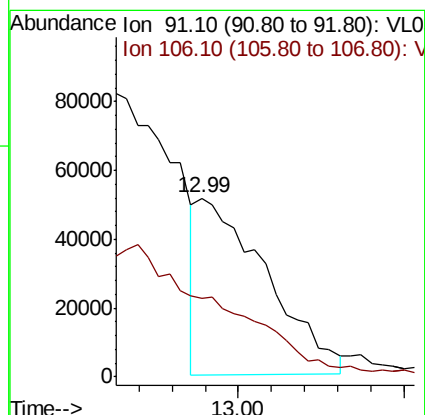
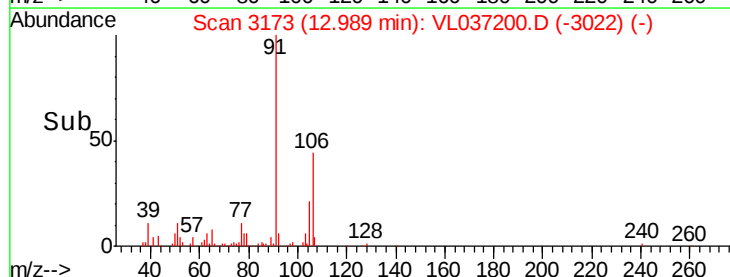
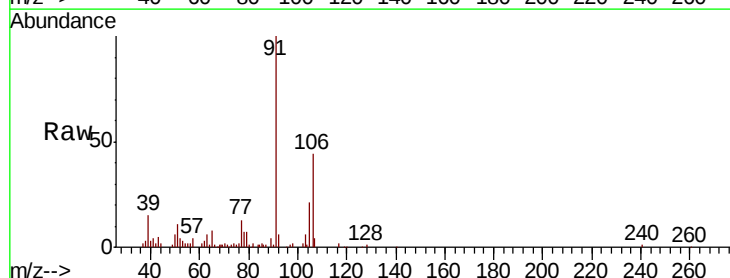
Acq: 17 Jun 2021 14:04

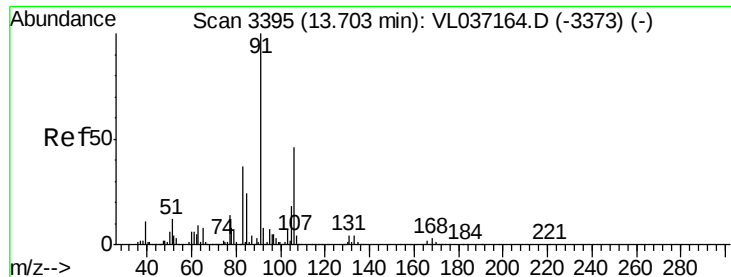
Tgt Ion: 91 Resp: 73654

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.4#

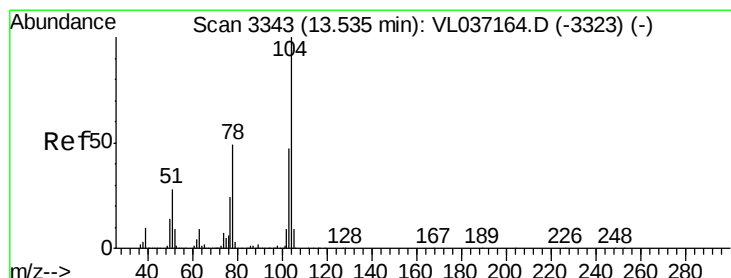
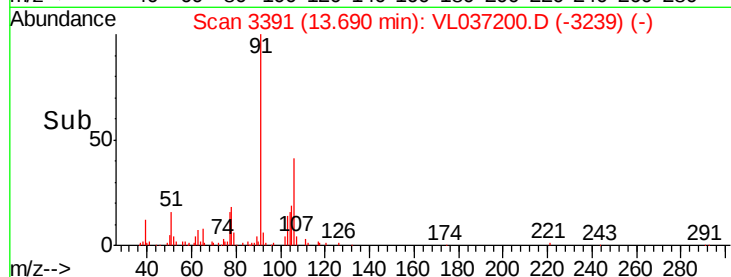
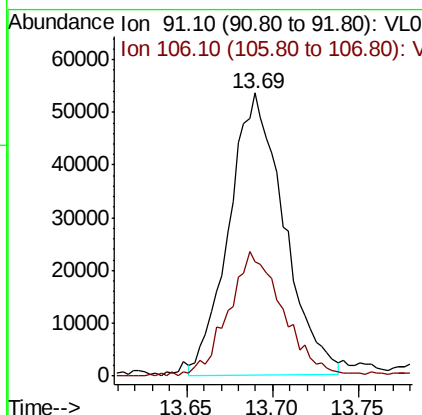
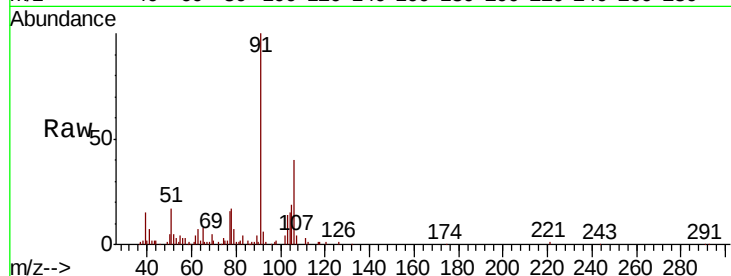




#60
o-Xylene
Concen: 0.298 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL037200.D
Acq: 17 Jun 2021 14:04

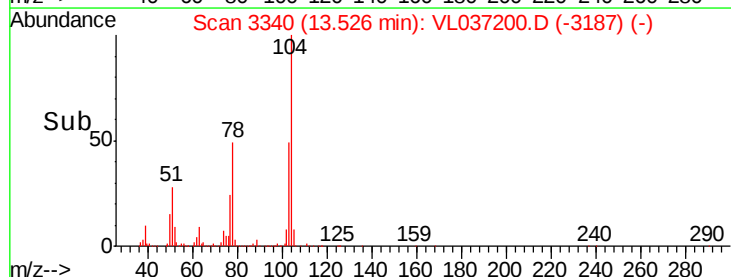
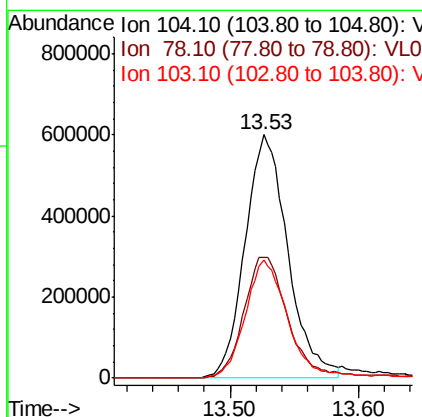
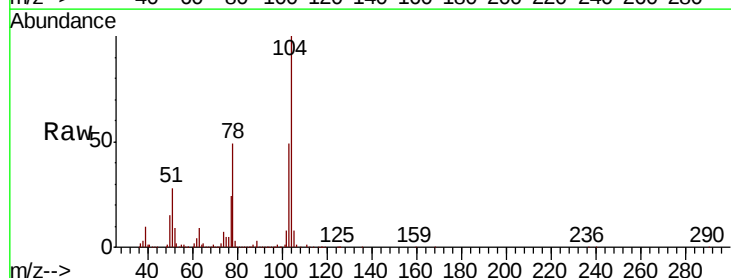
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DL

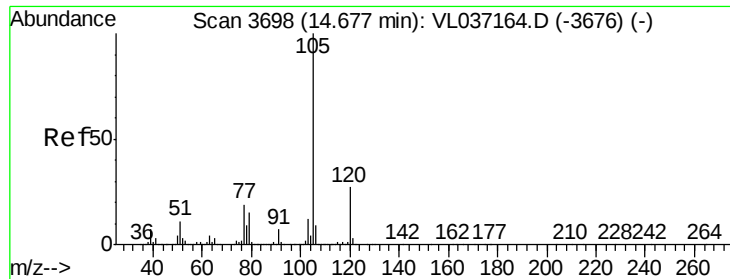
Tot Ion: 91 Resp: 119397
Ion Ratio Lower Upper
91 100
106 45.2 23.0 69.0



#61
Styrene
Concen: 6.730 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL037200.D
Acq: 17 Jun 2021 14:04

Tgt Ion:104 Resp: 1389547
Ion Ratio Lower Upper
104 100
78 52.4 39.7 59.5
103 49.4 37.6 56.4





#62

Isopropylbenzene

Concen: 0.057 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

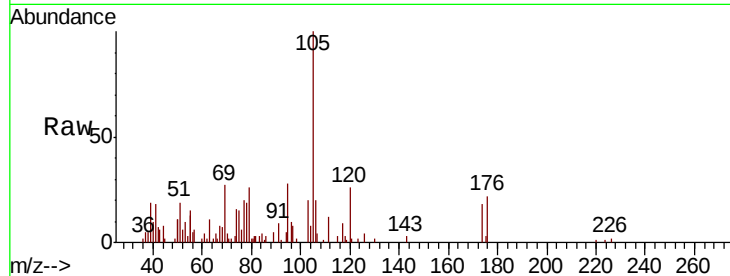
IA-PLAYROOM-1DL

Tot Ion:105 Resp: 32573

Ion Ratio Lower Upper

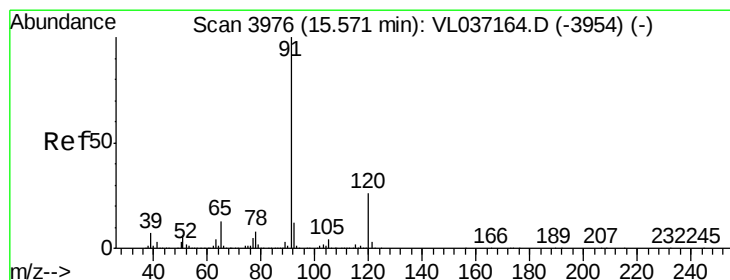
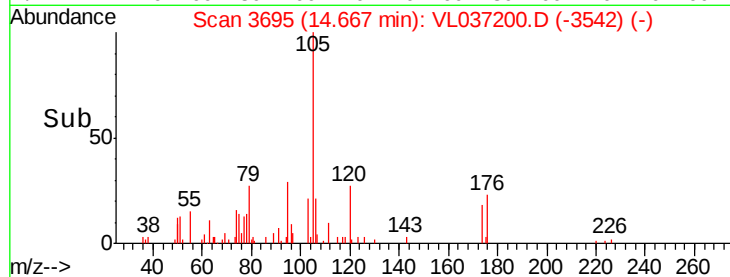
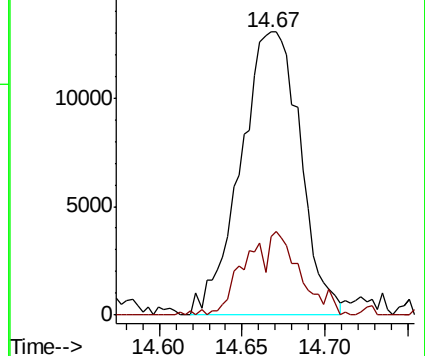
105 100

120 27.7 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.054 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.01 min

Lab File: VL037200.D

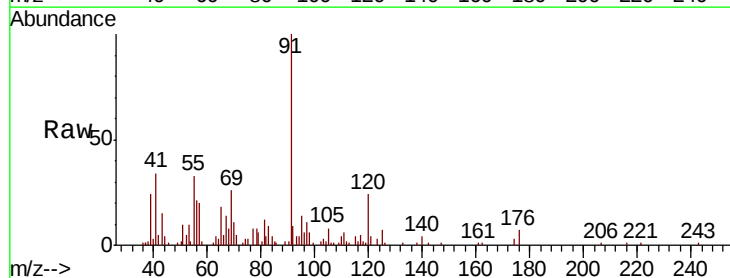
Acq: 17 Jun 2021 14:04

Tgt Ion:120 Resp: 7651

Ion Ratio Lower Upper

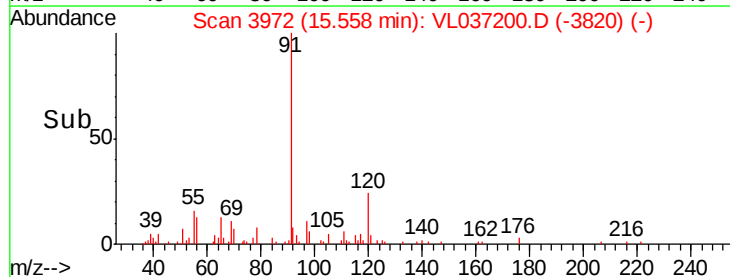
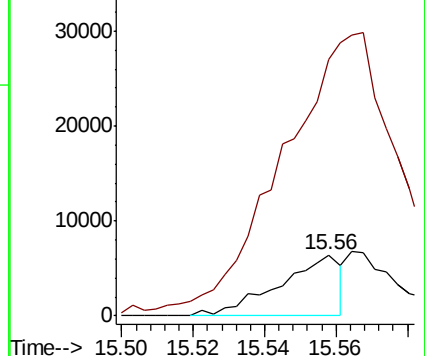
120 100

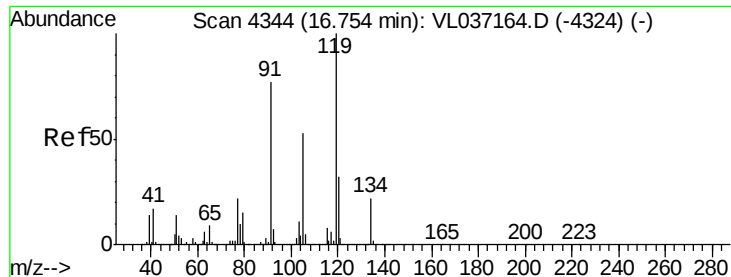
91 0.0 343.3 514.9#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.028 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.00 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

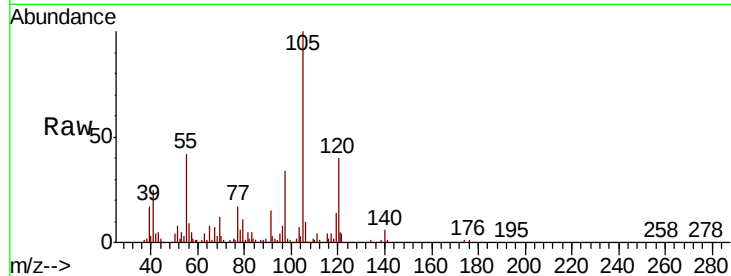
Tot Ion:119 Resp: 14232

Ion Ratio Lower Upper

119 100

91 0.0 62.6 93.8#

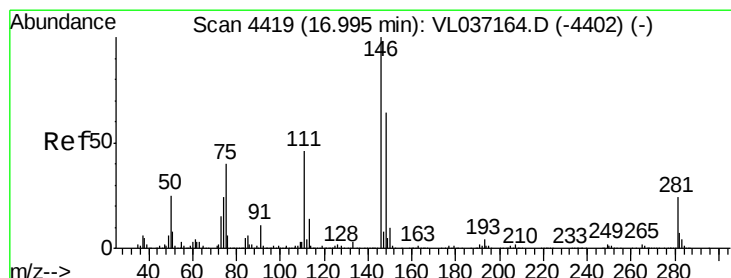
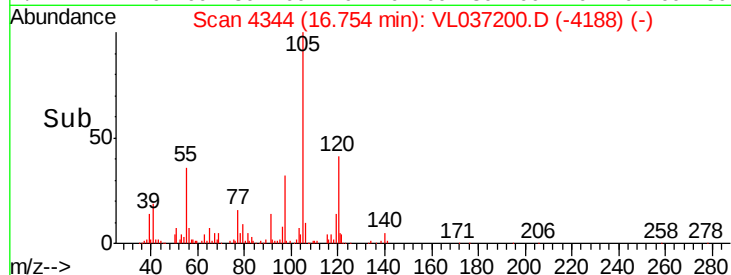
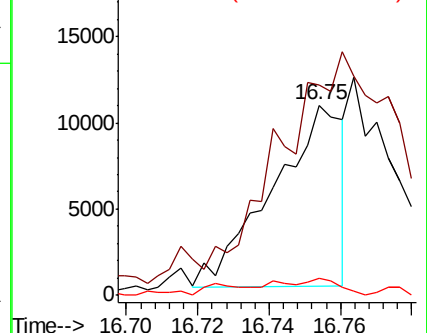
134 15.4 16.2 24.4#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.035 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

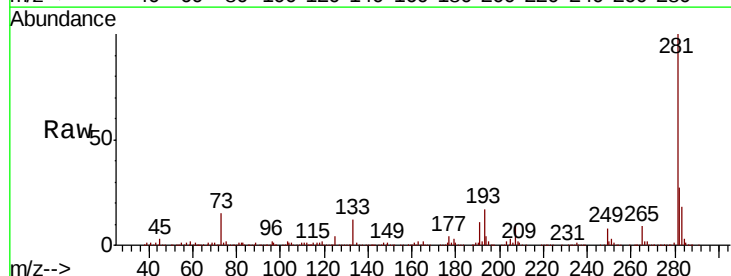
Tgt Ion: 91 Resp: 755

Ion Ratio Lower Upper

91 100

126 0.0 15.5 23.3#

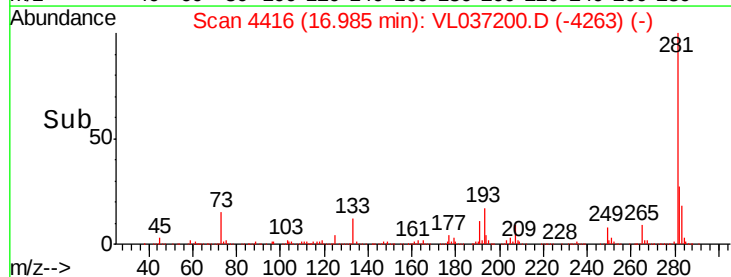
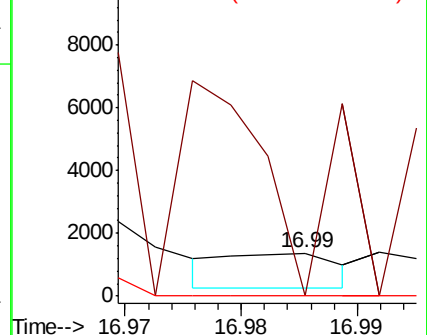
128 0.0 5.7 8.5#

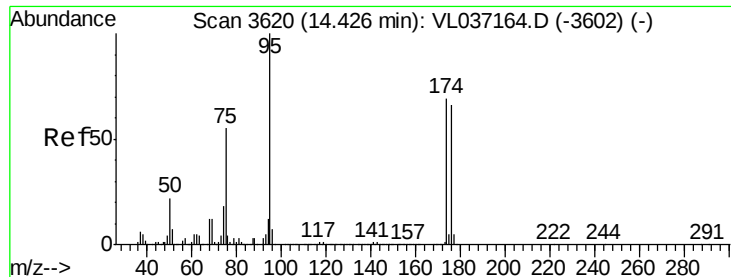


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

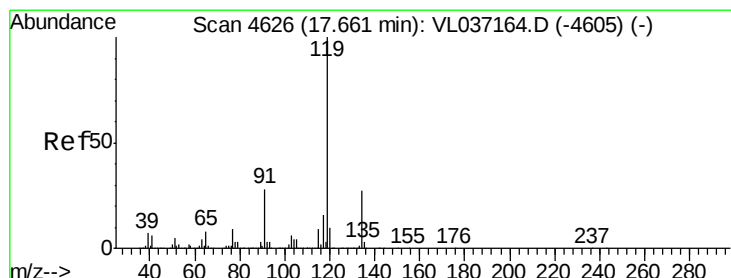
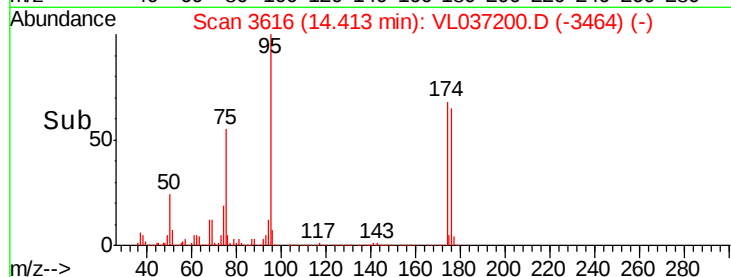
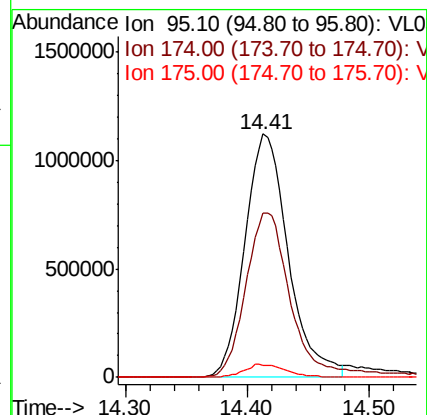
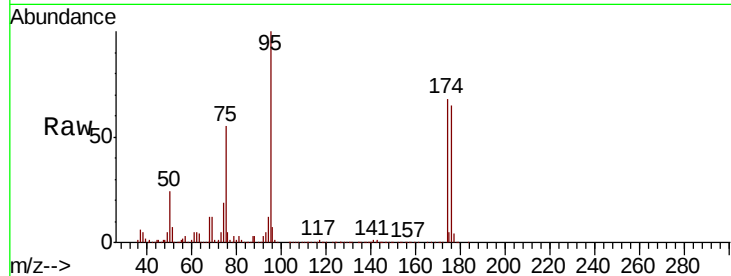




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.097 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL037200.D
 Acq: 17 Jun 2021 14:04

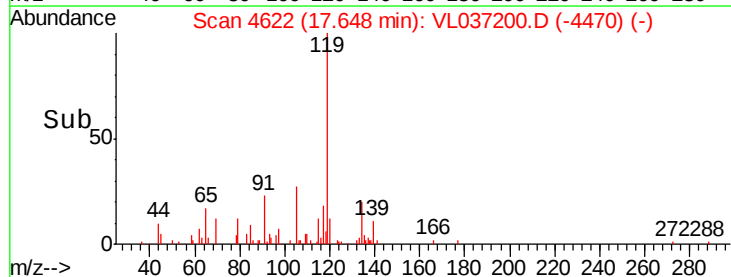
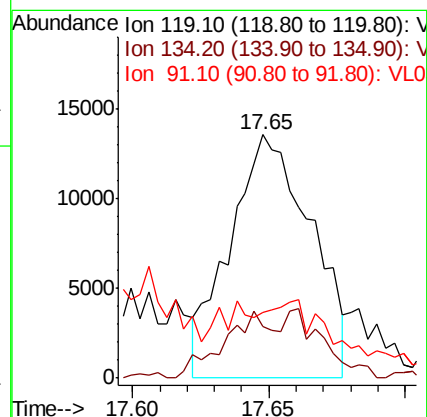
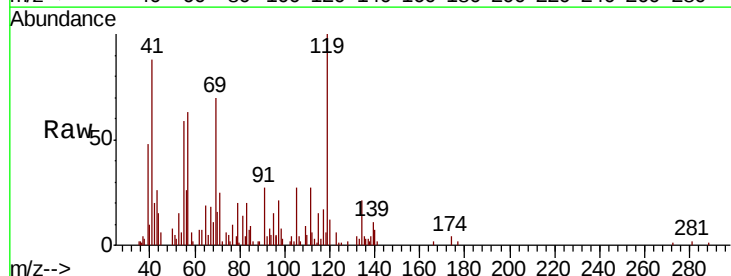
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DL

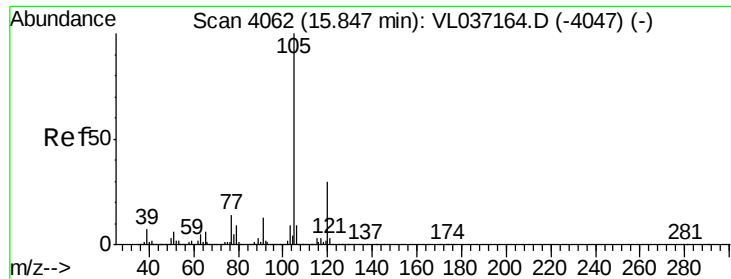
Tot Ion: 95 Resp: 2755341
 Ion Ratio Lower Upper
 95 100
 174 73.5 57.0 85.4
 175 5.3 4.4 6.6



#69
 p-Isopropyltoluene
 Concen: 0.049 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: VL037200.D
 Acq: 17 Jun 2021 14:04

Tgt Ion: 119 Resp: 27982
 Ion Ratio Lower Upper
 119 100
 134 31.8 20.9 31.3#
 91 43.1 22.6 34.0#





#72

4-Ethyltoluene

Concen: 0.140 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

Tot Ion:105 Resp: 63400

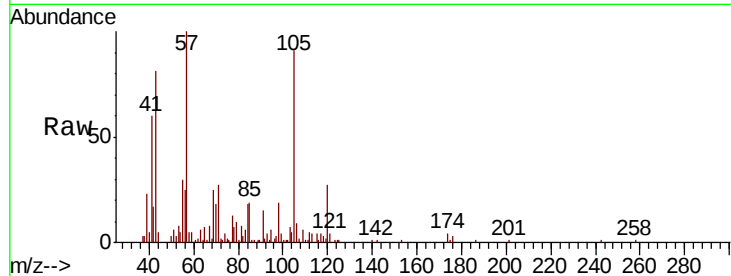
Ion Ratio Lower Upper

105 100

120 31.2 24.7 37.1

91 20.8 10.2 15.4#

77 20.1 11.0 16.6#

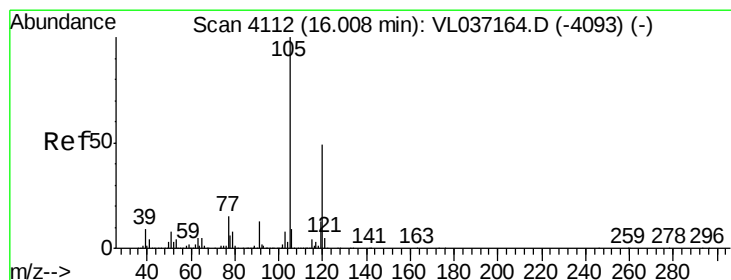
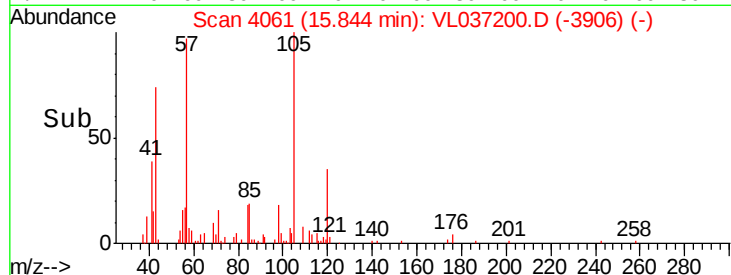
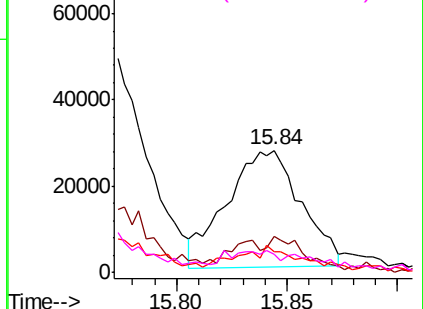


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.045 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.01 min

Lab File: VL037200.D

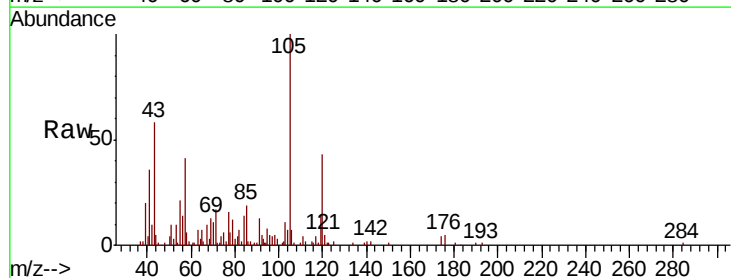
Acq: 17 Jun 2021 14:04

Tgt Ion:105 Resp: 19937

Ion Ratio Lower Upper

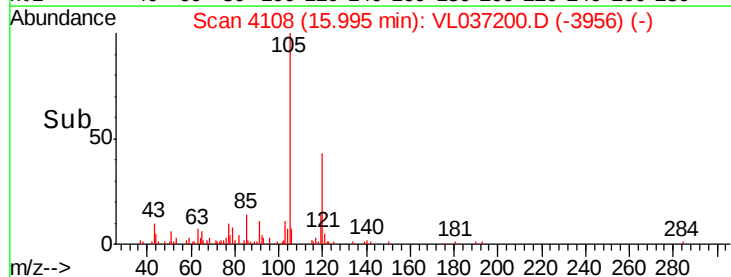
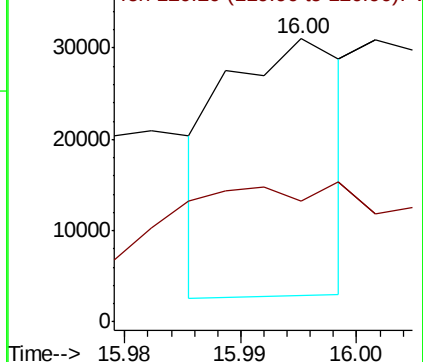
105 100

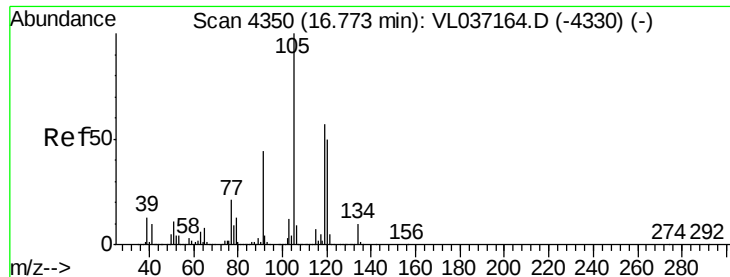
120 0.2 39.4 59.2#



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: 0.269 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.01 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

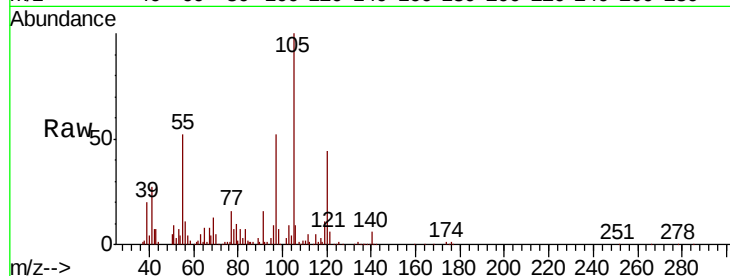
Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DL

Tot Ion:	105	Resp:	121606
Ion	Ratio	Lower	Upper
105	100		
120	44.2	39.8	59.8
91	14.4	37.0	55.4#
77	14.9	17.0	25.4#

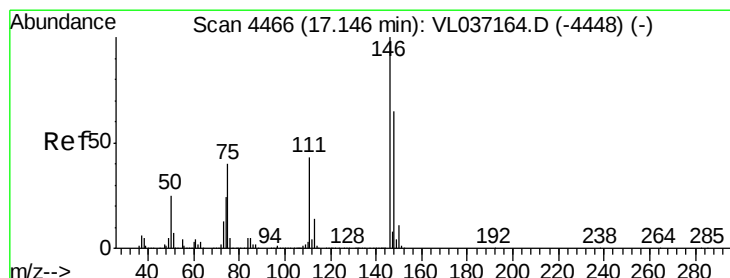
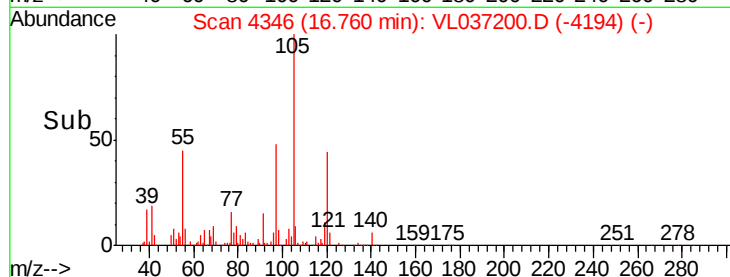
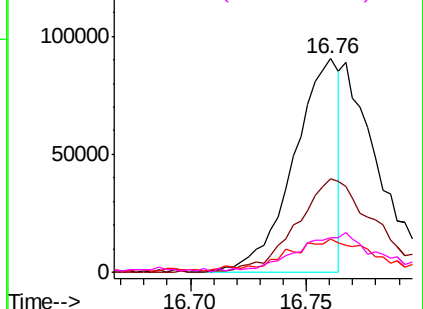


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VLO

Ion 77.10 (76.80 to 77.80): VLO



#76

1,4-Dichlorobenzene

Concen: 0.022 ppbv

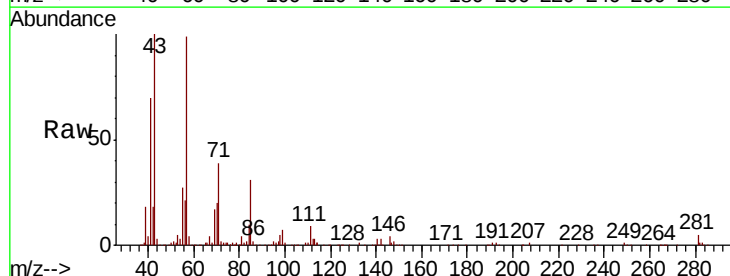
RT: 17.13 min Scan# 4461

Delta R.T. -0.02 min

Lab File: VL037200.D

Acq: 17 Jun 2021 14:04

Tgt Ion:	146	Resp:	6059
Ion	Ratio	Lower	Upper
146	100		
111	551.7	22.7	68.0#
148	0.0	33.7	101.1#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

